

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
 Data File : BF124076.D
 Acq On : 26 May 2021 21:47
 Operator : JU/CG
 Sample : M2535-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHOST-3

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124076.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.240	19	26	31	rVB	446693	557600	31.03%	1.320%
2	3.681	257	271	276	rBV	87453	163447	9.10%	0.387%
3	3.810	281	293	299	rVV2	114316	199560	11.11%	0.472%
4	4.016	324	328	332	rVB	111391	148941	8.29%	0.353%
5	4.263	364	370	375	rVB	137467	178830	9.95%	0.423%
6	4.569	417	422	430	rVB2	92834	150153	8.36%	0.355%
7	5.057	502	505	507	rVV	76898	98055	5.46%	0.232%
8	5.128	514	517	522	rVV2	97927	108495	6.04%	0.257%
9	5.322	545	550	553	rBV2	87826	107171	5.96%	0.254%
10	5.386	558	561	566	rVV2	237925	284599	15.84%	0.674%
11	5.428	566	568	571	rVV	108809	88488	4.92%	0.209%
12	5.498	574	580	581	rVV	859169	915549	50.95%	2.167%
13	5.522	581	584	587	rVV	1509734	1589393	88.45%	3.762%
14	5.575	588	593	595	rVV	117500	104004	5.79%	0.246%
15	5.751	620	623	625	rBV	377801	334691	18.63%	0.792%
16	5.810	630	633	636	rBV	223957	167047	9.30%	0.395%
17	5.928	647	653	656	rVB3	74902	113151	6.30%	0.268%
18	5.963	656	659	663	rBV2	92624	111300	6.19%	0.263%
19	6.063	674	676	680	rVV3	85626	111045	6.18%	0.263%
20	6.145	685	690	693	rBV2	150937	191622	10.66%	0.454%
21	6.333	717	722	724	rBV	97908	127875	7.12%	0.303%
22	6.357	724	726	728	rVV	147436	129262	7.19%	0.306%
23	6.392	728	732	734	rVV	850323	729828	40.61%	1.728%
24	6.422	734	737	740	rVV	838031	729933	40.62%	1.728%
25	6.451	740	742	745	rVB	337102	244682	13.62%	0.579%
26	6.498	745	750	751	rBV2	571929	704986	39.23%	1.669%
27	6.522	751	754	757	rVV2	1341756	1421904	79.13%	3.366%
28	6.581	760	764	769	rVB	385072	350294	19.49%	0.829%
29	6.669	776	779	784	rVB3	137492	193950	10.79%	0.459%
30	6.722	784	788	792	rBV	1646573	1432679	79.73%	3.391%
31	6.833	803	807	809	rBV	178624	165256	9.20%	0.391%
32	6.910	813	820	824	rVB2	1002242	1302226	72.47%	3.083%
33	6.951	824	827	829	rBV	509381	442047	24.60%	1.046%
34	6.975	829	831	834	rVB	294865	255661	14.23%	0.605%
35	7.022	834	839	844	rBV	1432210	1464088	81.48%	3.466%
36	7.075	844	848	850	rVB	182968	166935	9.29%	0.395%

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Integrator: RTE

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Stop Thrs : 0

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.116	850	855	857	rBV2	135873	193746	10.78%	0.459%
38	7.145	857	860	862	rVV2	353016	445320	24.78%	1.054%
39	7.169	862	864	866	rVV	1418706	1310921	72.95%	3.103%
40	7.210	869	871	873	rVV	506911	489939	27.26%	1.160%
41	7.233	873	875	878	rVV	973165	886029	49.31%	2.097%
42	7.280	878	883	887	rVB3	199392	309977	17.25%	0.734%
43	7.328	887	891	898	rBV3	530716	1086758	60.48%	2.573%
44	7.380	898	900	902	rVV	187823	182078	10.13%	0.431%
45	7.398	902	903	905	rVV2	127194	128042	7.13%	0.303%
46	7.428	905	908	910	rVV	504066	591259	32.90%	1.400%
47	7.457	910	913	916	rVV2	1046389	1135007	63.16%	2.687%
48	7.486	916	918	923	rVB	295025	325751	18.13%	0.771%
49	7.539	923	927	931	rBV3	106395	226822	12.62%	0.537%
50	7.580	931	934	937	rVV3	191688	216353	12.04%	0.512%
51	7.622	939	941	942	rVV	114336	89283	4.97%	0.211%
52	7.645	942	945	947	rVV	328371	378504	21.06%	0.896%
53	7.663	947	948	950	rVV	319298	190737	10.61%	0.452%
54	7.686	950	952	956	rVV	448807	422174	23.49%	0.999%
55	7.728	956	959	964	rVB2	150421	188129	10.47%	0.445%
56	7.775	964	967	969	rBV	97438	88731	4.94%	0.210%
57	7.828	973	976	978	rBV3	166028	181145	10.08%	0.429%
58	7.863	978	982	984	rVV2	227200	291907	16.24%	0.691%
59	7.916	984	991	994	rVV2	1094766	1353669	75.33%	3.204%
60	7.951	994	997	999	rVV2	630098	648491	36.09%	1.535%
61	7.992	1002	1004	1007	rVB	234853	185564	10.33%	0.439%
62	8.045	1009	1013	1016	rBV3	72638	107608	5.99%	0.255%
63	8.116	1022	1025	1027	rBV2	107984	113246	6.30%	0.268%
64	8.157	1027	1032	1033	rVV	352030	398497	22.18%	0.943%
65	8.175	1033	1035	1038	rVV2	603173	750225	41.75%	1.776%
66	8.233	1041	1045	1048	rVB2	238964	294590	16.39%	0.697%
67	8.263	1048	1050	1053	rBV2	167263	161898	9.01%	0.383%
68	8.292	1053	1055	1057	rVV	149438	109041	6.07%	0.258%
69	8.375	1066	1069	1072	rBV3	93313	114781	6.39%	0.272%
70	8.469	1082	1085	1089	rVB2	148871	133026	7.40%	0.315%
71	8.516	1090	1093	1097	rBV	309739	322530	17.95%	0.763%
72	8.551	1097	1099	1102	rBV2	306106	270848	15.07%	0.641%
73	8.580	1102	1104	1105	rBV	301262	212967	11.85%	0.504%
74	8.639	1111	1114	1117	rVB	283614	227449	12.66%	0.538%
75	8.675	1117	1120	1124	rBV3	227305	329122	18.32%	0.779%
76	8.763	1133	1135	1139	rVB3	171527	145958	8.12%	0.346%

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 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

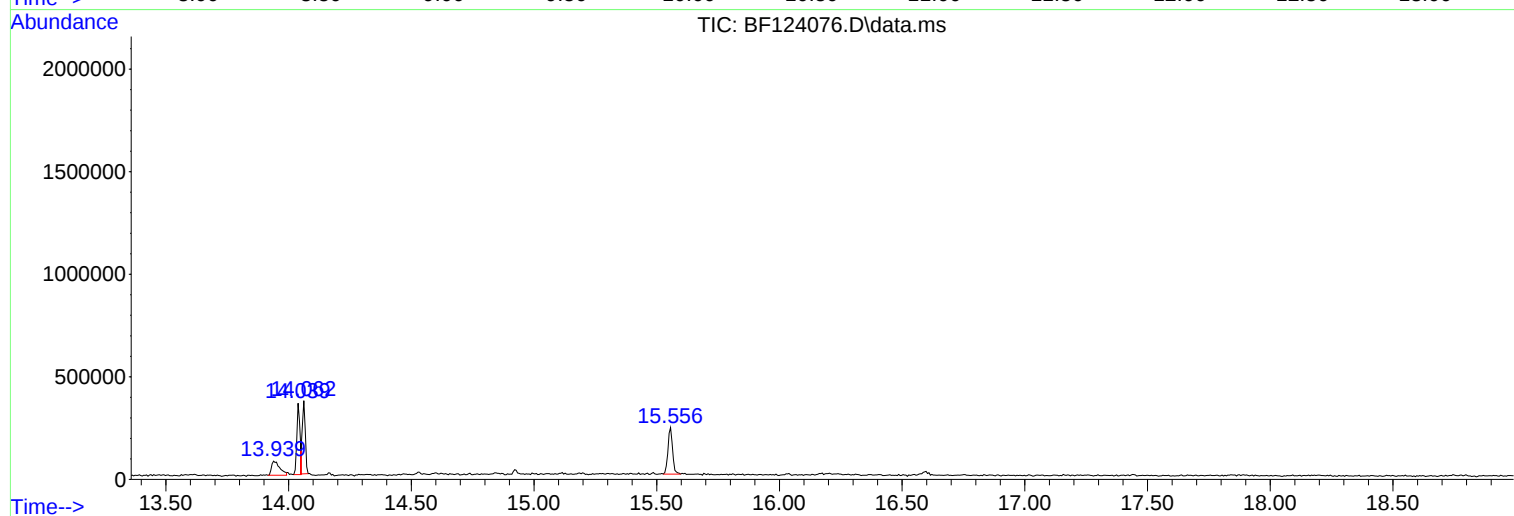
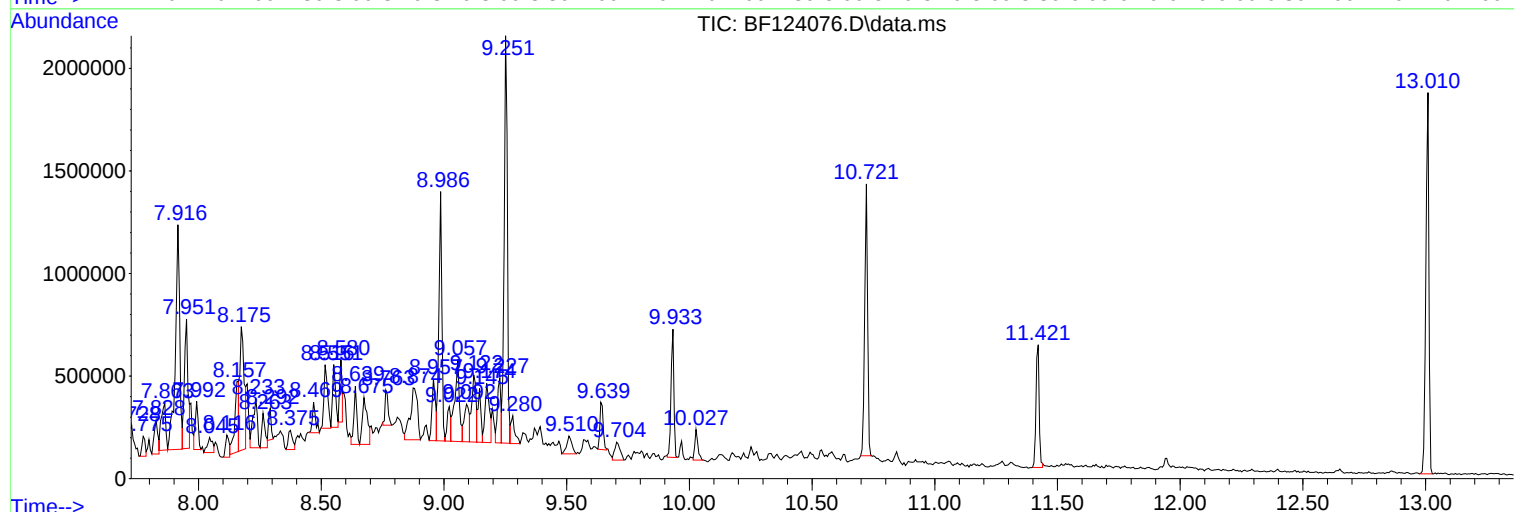
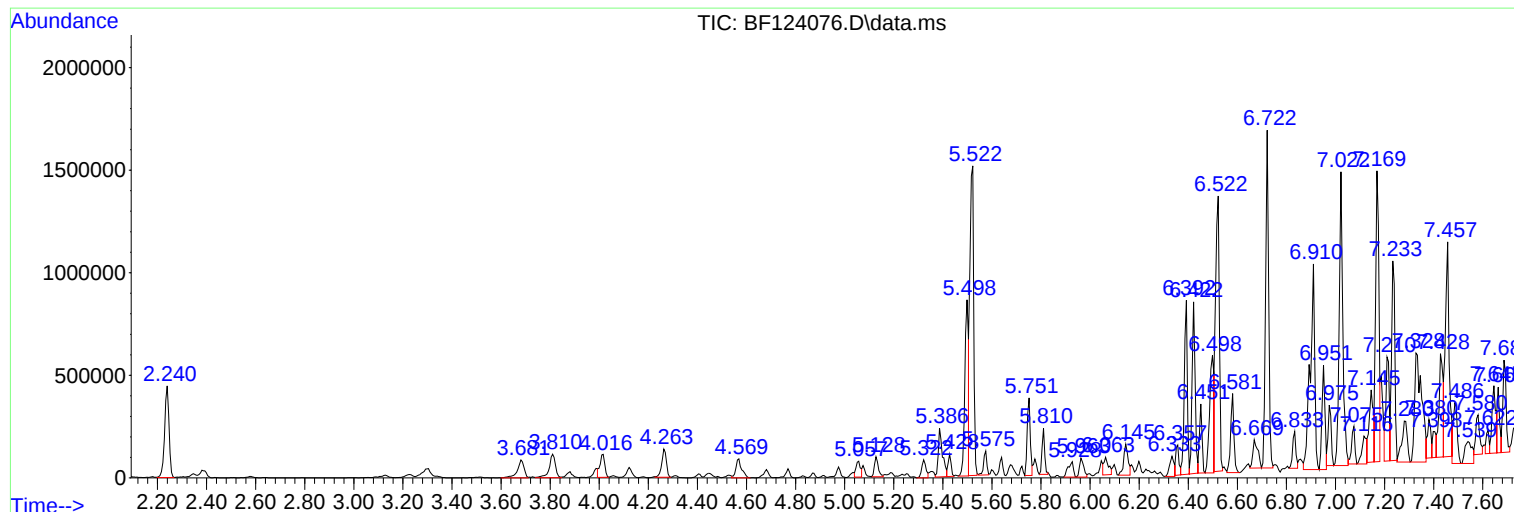
77	8.874	1148	1154	1159	rVB2	252267	510953	28.43%	1.210%
78	8.957	1165	1168	1170	rVV	300389	308017	17.14%	0.729%
79	8.986	1170	1173	1176	rVV	1215366	1016476	56.57%	2.406%
80	9.022	1176	1179	1180	rVV	168214	167502	9.32%	0.397%
81	9.057	1180	1185	1188	rVV	399480	545517	30.36%	1.291%
82	9.092	1188	1191	1193	rVV2	182817	255700	14.23%	0.605%
83	9.122	1193	1196	1198	rVV	326852	398063	22.15%	0.942%
84	9.145	1198	1200	1202	rVV	261870	211720	11.78%	0.501%
85	9.174	1202	1205	1208	rVV2	288214	367255	20.44%	0.869%
86	9.227	1211	1214	1215	rVV	314990	295551	16.45%	0.700%
87	9.251	1215	1218	1221	rVV	1986008	1796961	100.00%	4.254%
88	9.280	1221	1223	1228	rVB	135376	140875	7.84%	0.333%
89	9.510	1257	1262	1267	rBV5	86290	125493	6.98%	0.297%
90	9.639	1282	1284	1288	rBV2	228550	213360	11.87%	0.505%
91	9.704	1292	1295	1300	rVB3	87364	133775	7.44%	0.317%
92	9.933	1330	1334	1337	rVV	624418	499737	27.81%	1.183%
93	10.027	1348	1350	1355	rVB	149641	126343	7.03%	0.299%
94	10.721	1464	1468	1471	rBV	1324824	1092449	60.79%	2.586%
95	11.421	1583	1587	1590	rBV	598771	541436	30.13%	1.282%
96	13.010	1852	1857	1860	rVB	1858747	1601862	89.14%	3.792%
97	13.939	2011	2015	2024	rBV4	68751	161868	9.01%	0.383%
98	14.039	2029	2032	2034	rBV	348436	318815	17.74%	0.755%
99	14.062	2034	2036	2039	rVB	355525	295157	16.43%	0.699%
100	15.556	2285	2290	2297	rVB	226988	296491	16.50%	0.702%

Sum of corrected areas: 42244245

Instrument :
BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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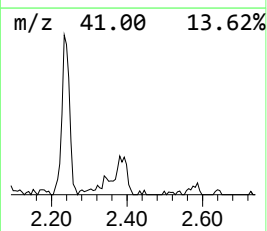
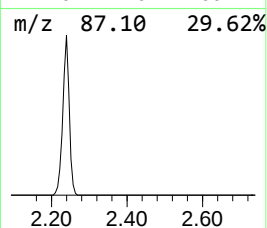
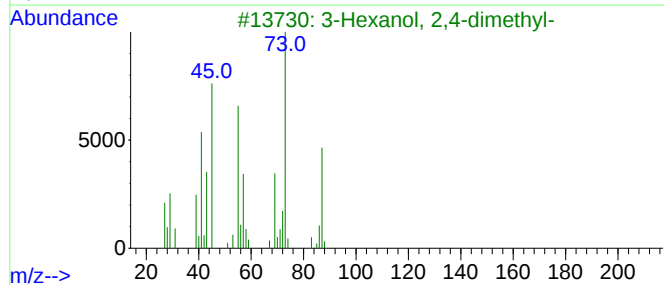
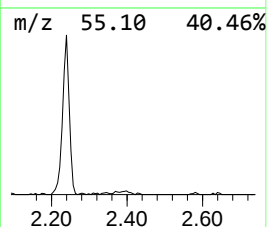
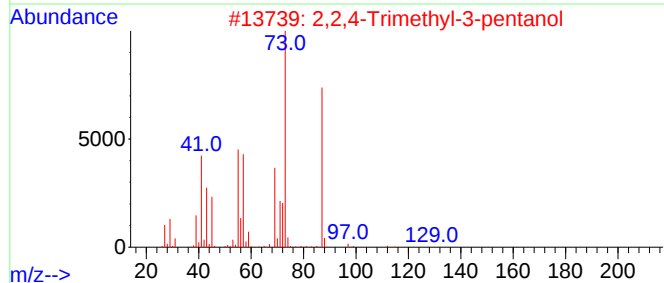
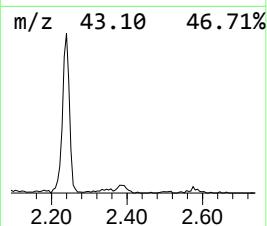
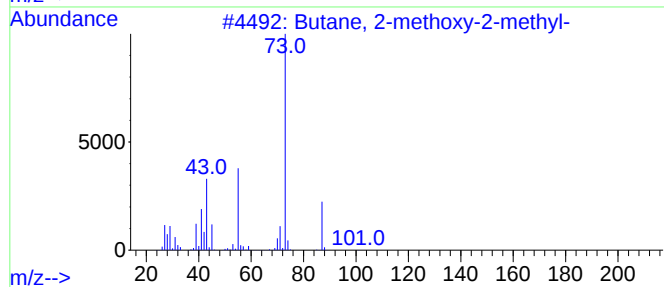
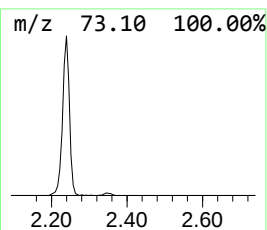
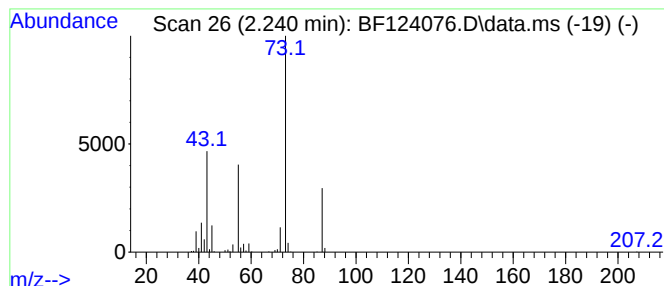
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.240	8.56 ng	557600	1,4-Dichlorobenzene-d4	6.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3			3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	33
4			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25



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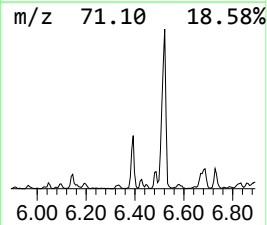
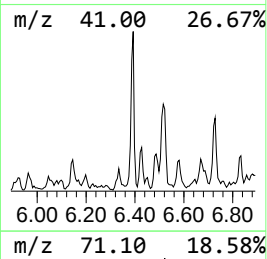
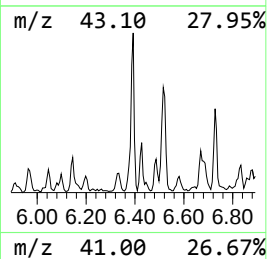
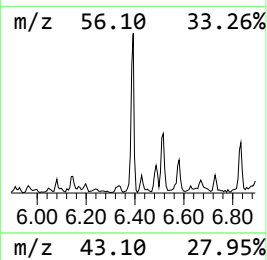
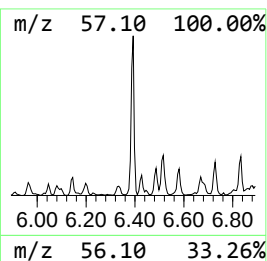
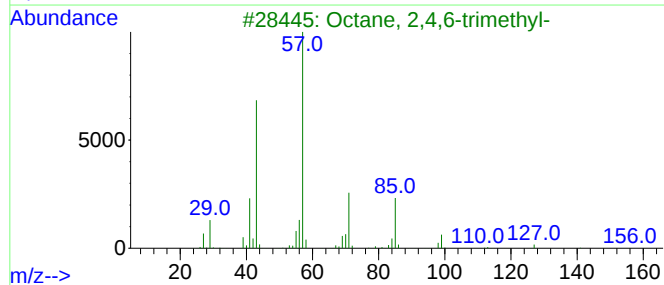
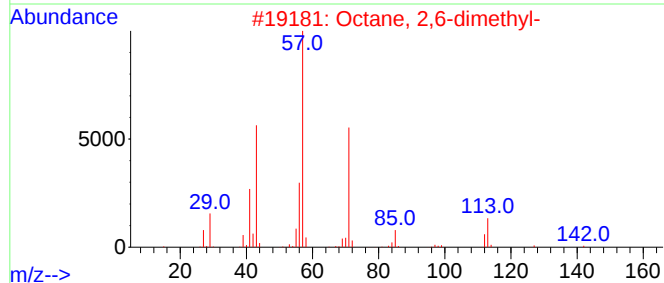
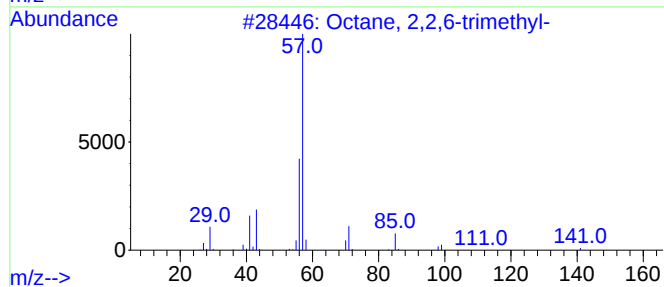
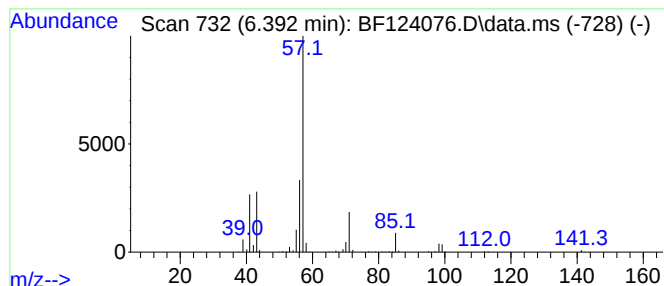
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octane, 2,2,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.392	11.21 ng	729828	1,4-Dichlorobenzene-d4	6.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	74
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
3			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
4			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
5			Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	50



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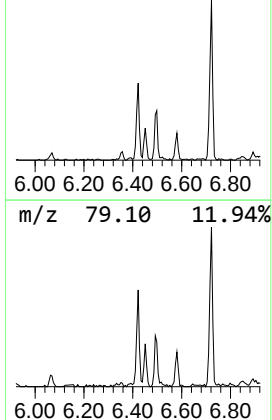
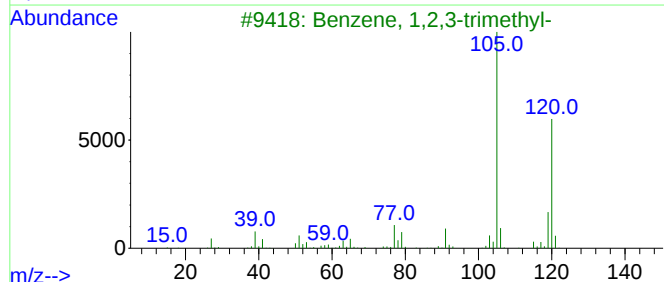
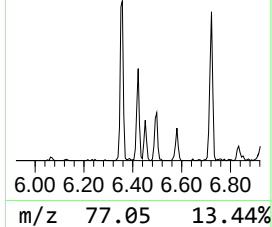
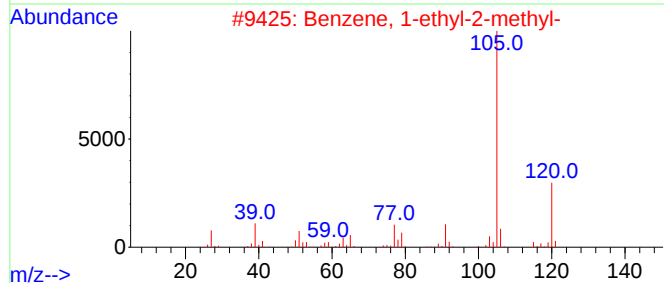
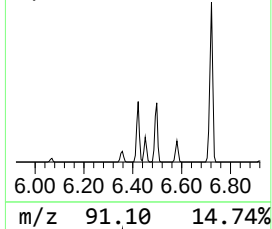
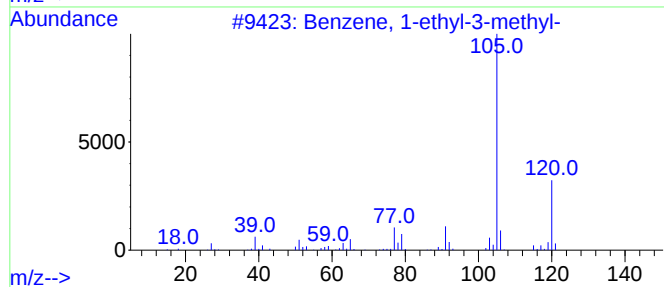
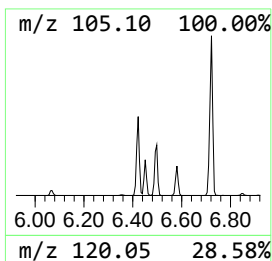
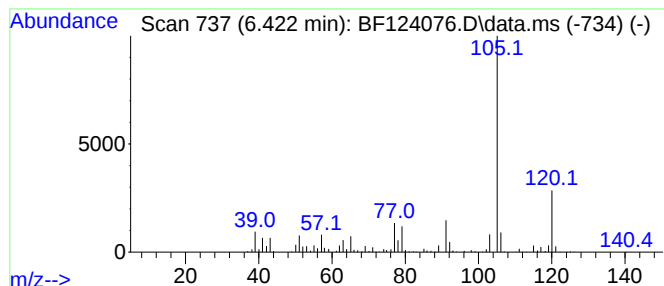
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.422	11.21 ng	729933	1,4-Dichlorobenzene-d4	6.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124076.D
Acq On : 26 May 2021 21:47
Operator : JU/CG
Sample : M2535-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-3

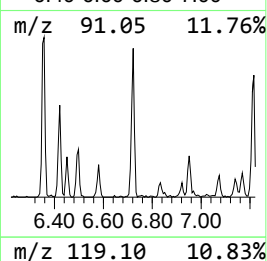
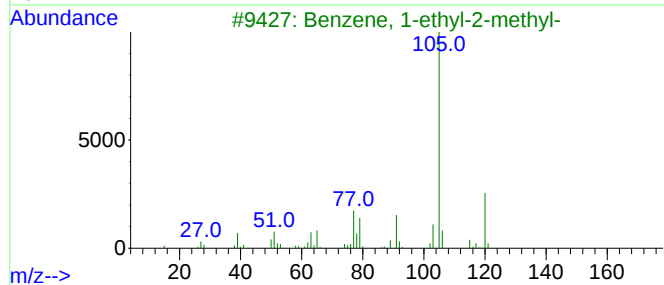
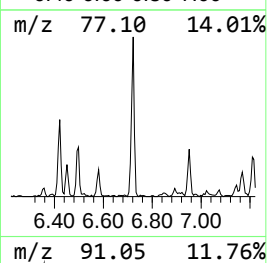
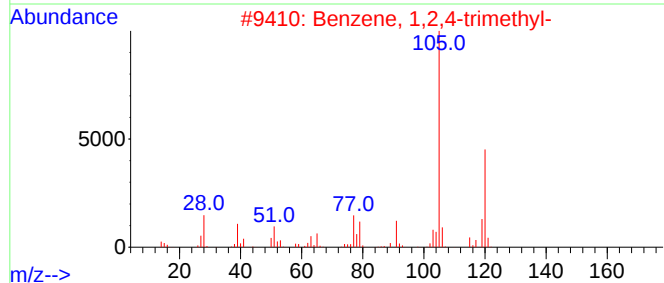
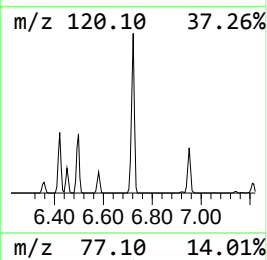
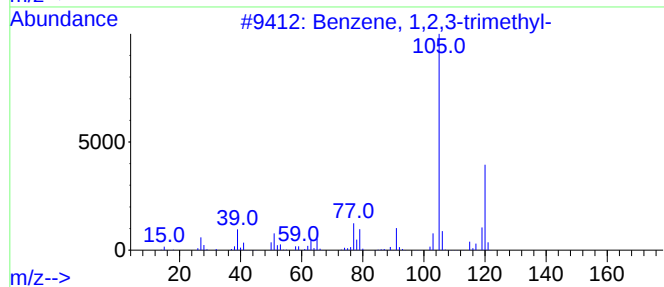
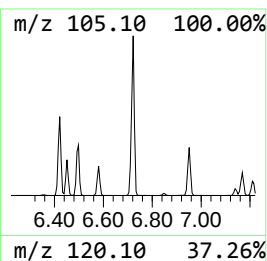
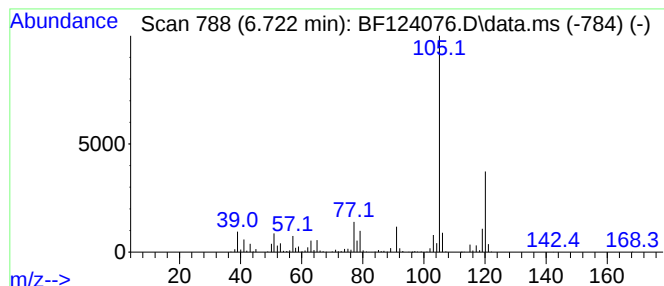
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.722	22.00 ng	1432680	1,4-Dichlorobenzene-d4	6.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124076.D
Acq On : 26 May 2021 21:47
Operator : JU/CG
Sample : M2535-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-3

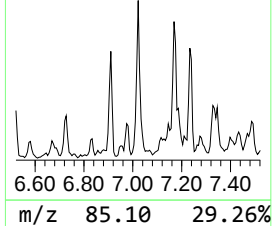
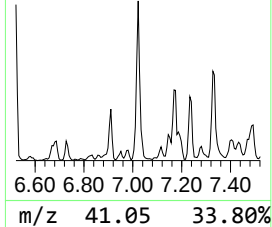
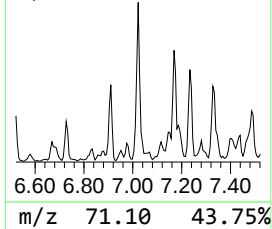
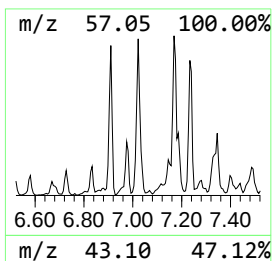
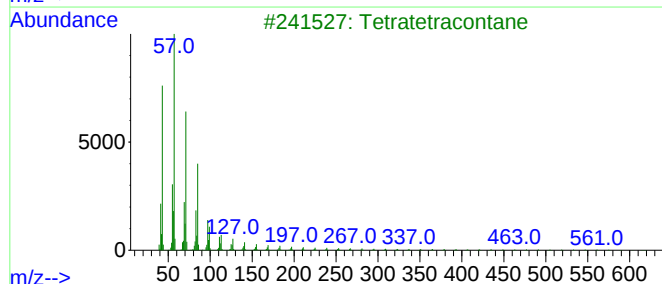
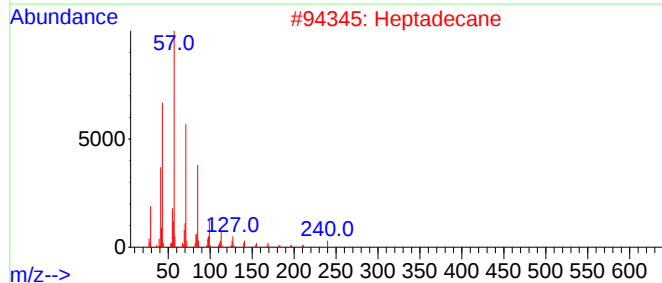
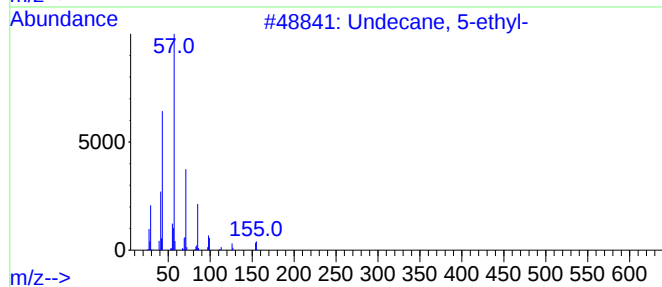
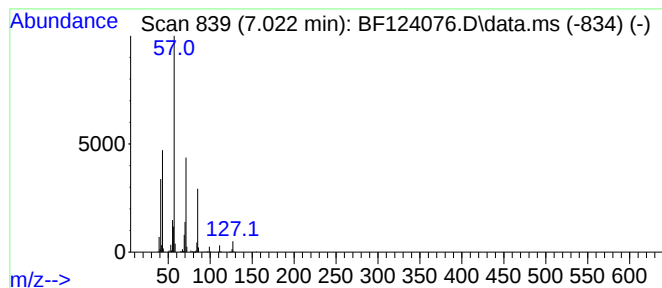
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Undecane, 5-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.022	22.49 ng	1464090	1,4-Dichlorobenzene-d4	6.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
2			Heptadecane	240	C17H36	000629-78-7	78
3			Tetratetracontane	619	C44H90	007098-22-8	72
4			Heneicosane	296	C21H44	000629-94-7	72
5			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124076.D
Acq On : 26 May 2021 21:47
Operator : JU/CG
Sample : M2535-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-3

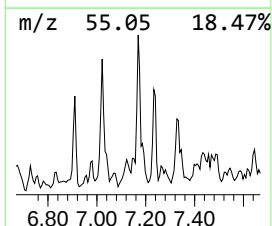
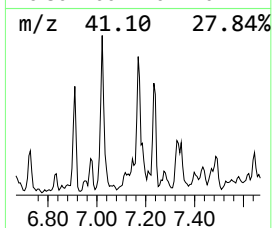
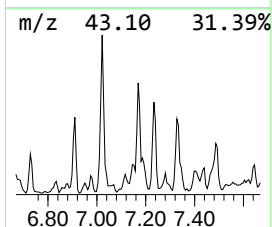
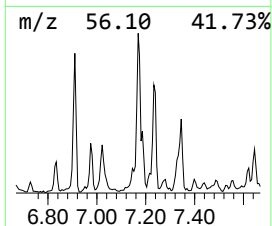
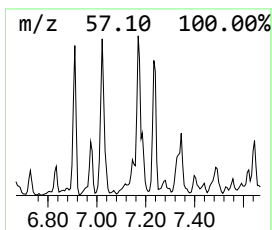
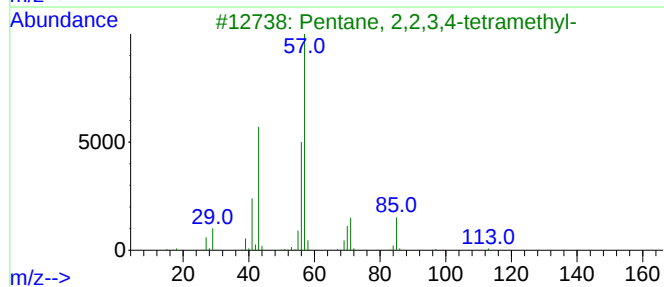
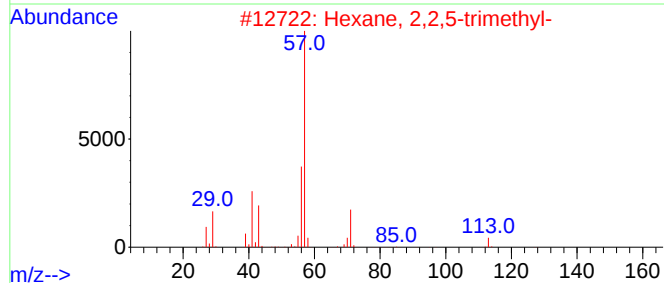
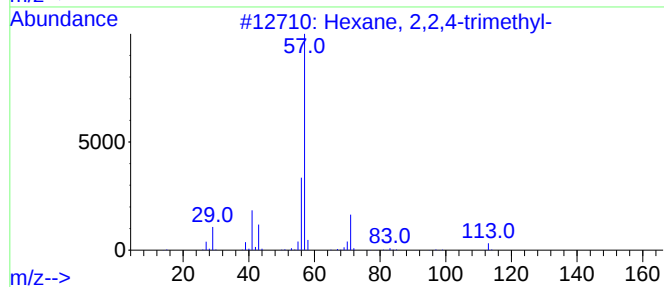
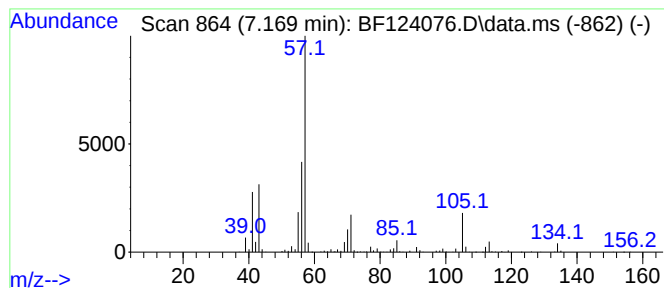
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexane, 2,2,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.169	20.13 ng	1310920	1,4-Dichlorobenzene-d4	6.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
2			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
3			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59
4			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	53
5			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124076.D
Acq On : 26 May 2021 21:47
Operator : JU/CG
Sample : M2535-07
Misc :
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Instrument :
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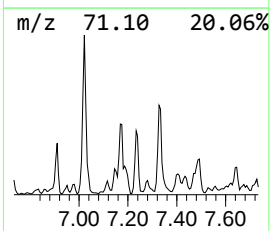
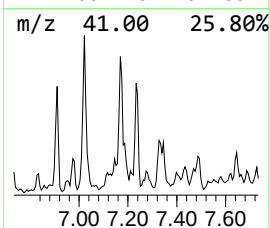
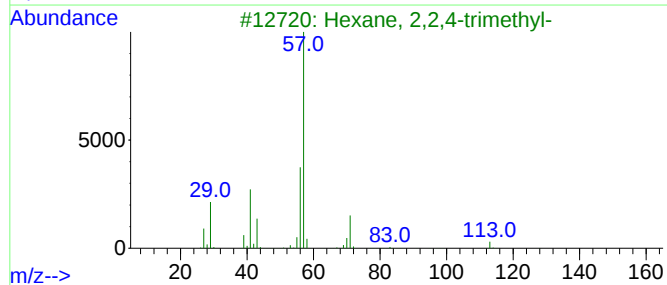
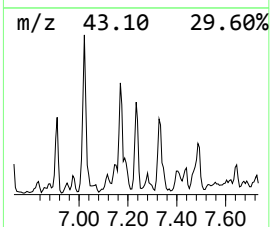
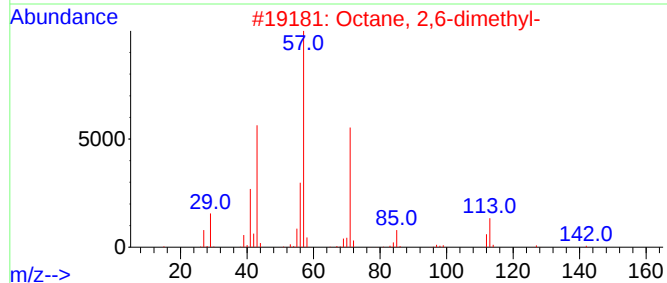
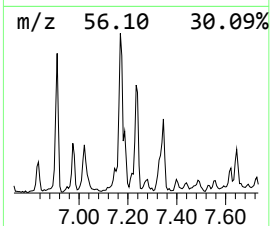
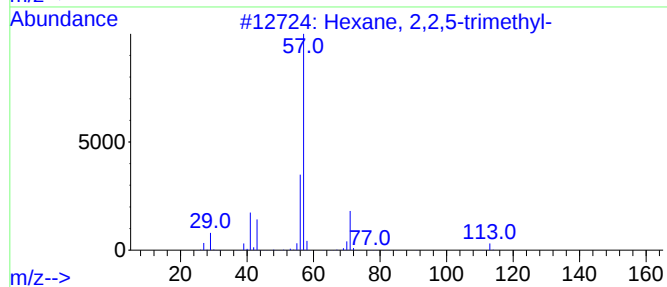
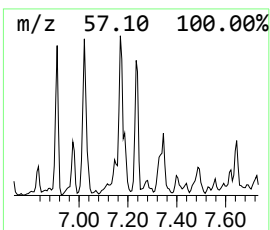
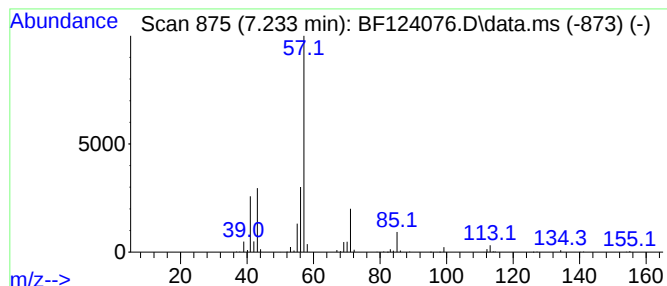
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Hexane, 2,2,5-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.233	13.61 ng	886029	1,4-Dichlorobenzene-d4	6.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
3			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
4			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	64
5			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
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Instrument :
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ClientSampleId :
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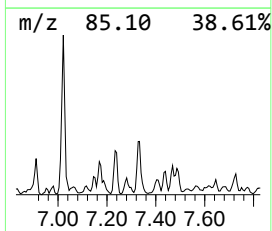
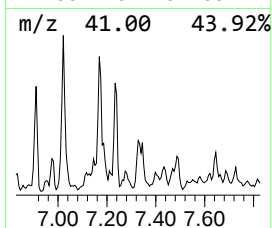
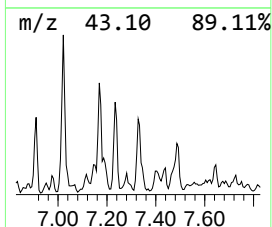
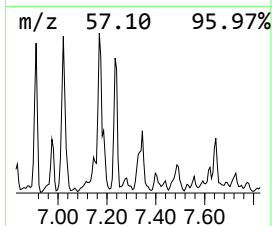
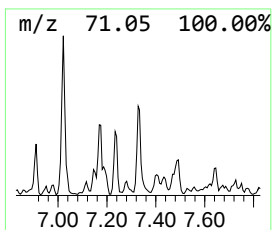
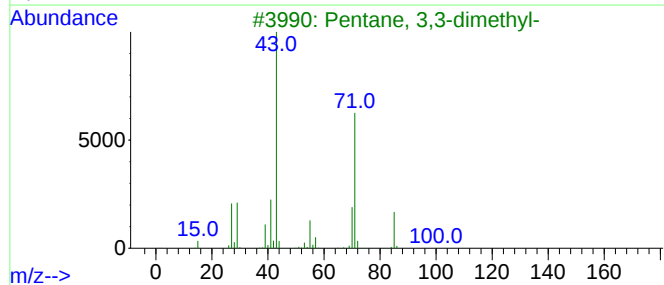
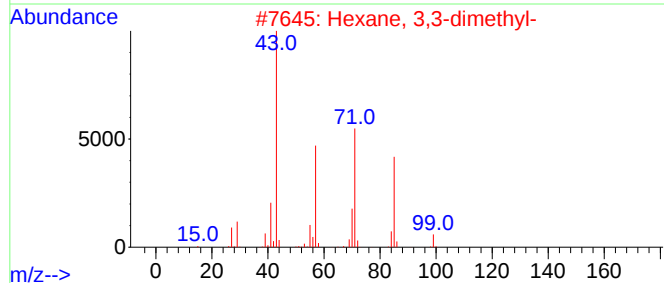
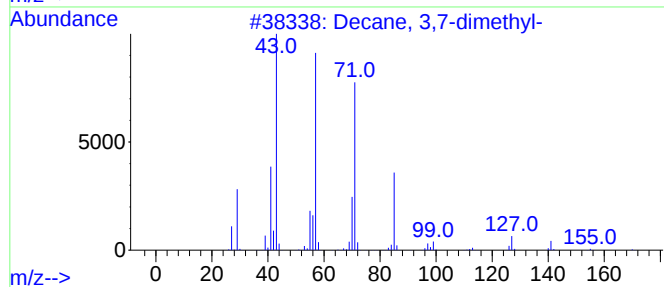
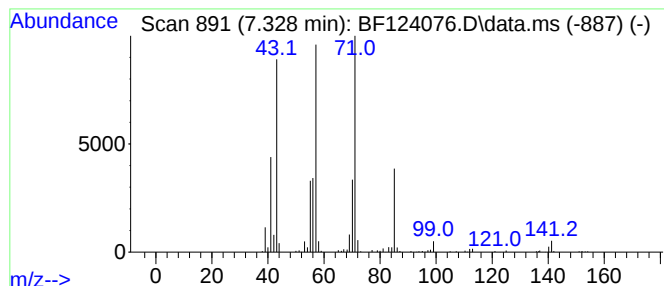
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Decane, 3,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.328	16.69 ng	1086760	1,4-Dichlorobenzene-d4	6.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	78
2			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	72
3			Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	53
4			Octane, 3-ethyl-	142	C10H22	005881-17-4	53
5			Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
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ClientSampleId :
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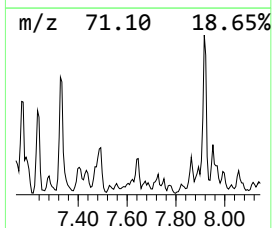
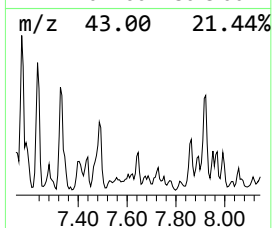
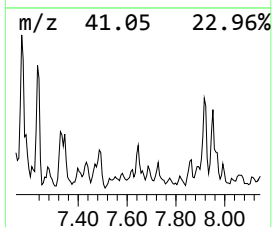
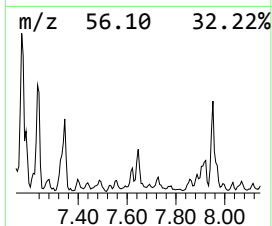
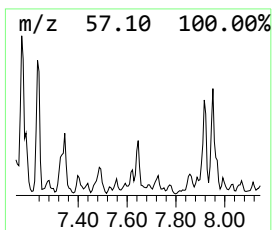
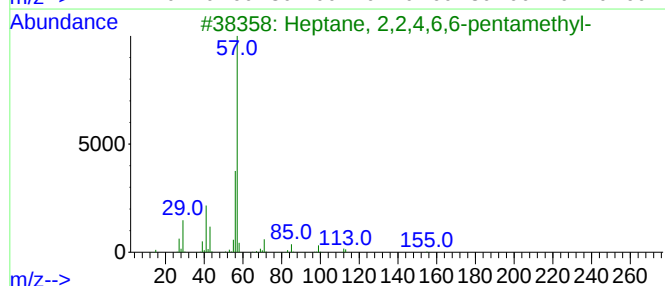
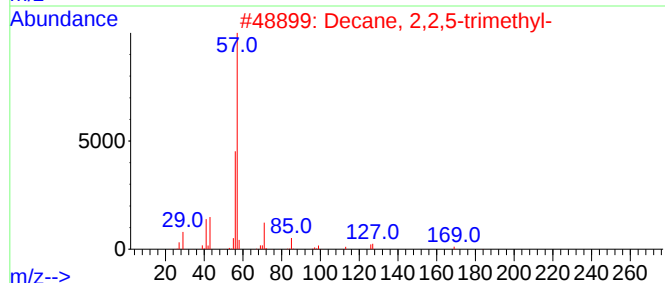
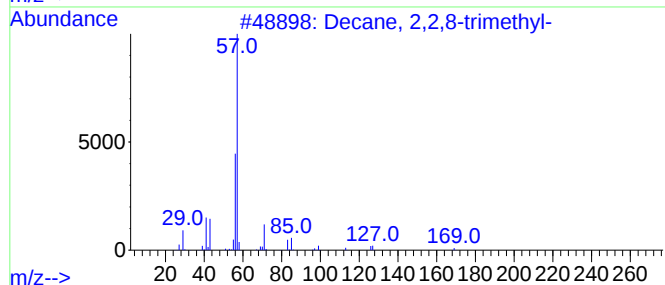
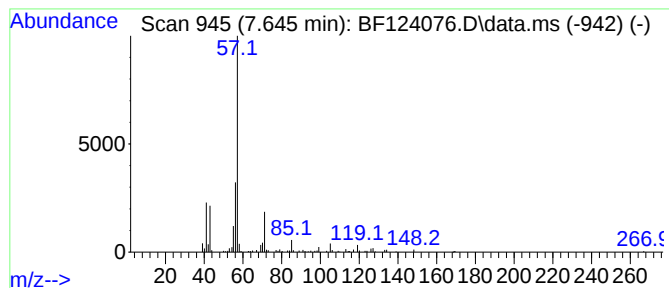
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Decane, 2,2,8-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.645	10.09 ng	378504	Naphthalene-d8	8.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	72
2			Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	72
3			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	53
4			Decane, 2,2,4-trimethyl-	184	C13H28	062237-98-3	53
5			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124076.D
Acq On : 26 May 2021 21:47
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Sample : M2535-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GHOST-3

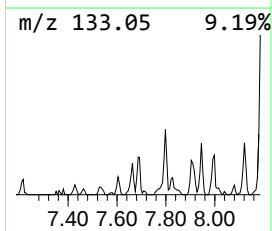
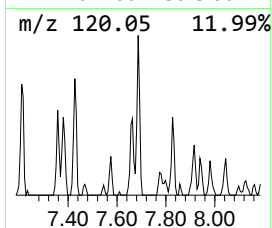
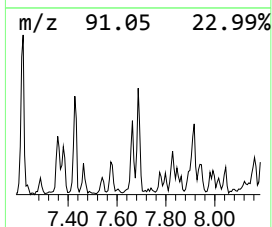
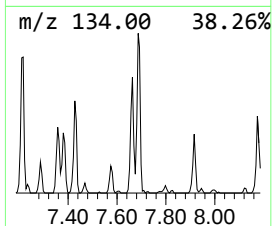
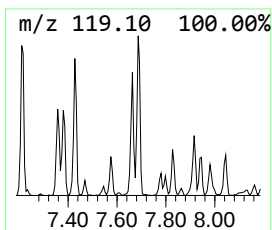
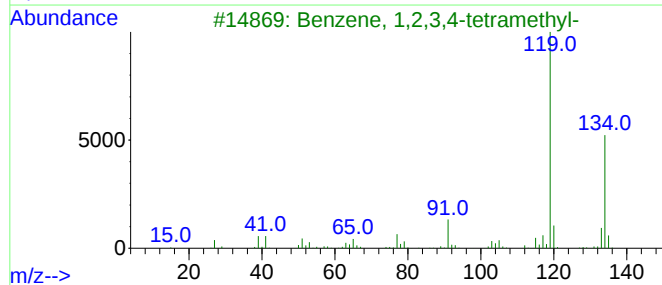
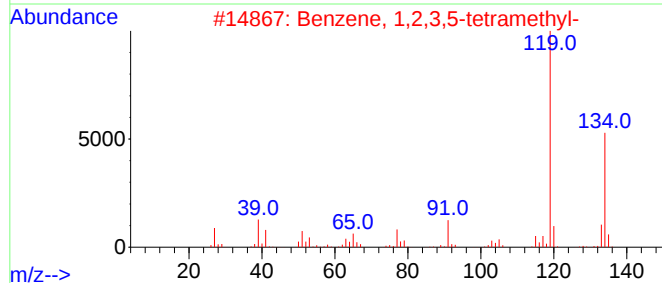
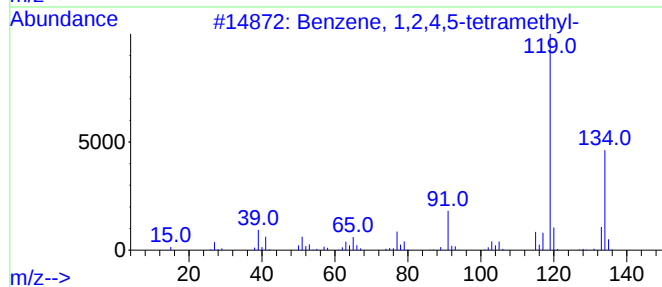
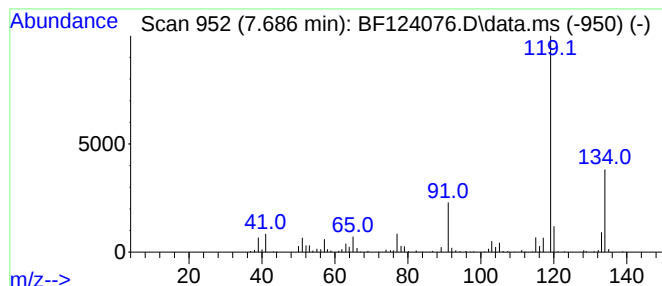
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.686	11.25 ng	422174	Naphthalene-d8	8.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124076.D
Acq On : 26 May 2021 21:47
Operator : JU/CG
Sample : M2535-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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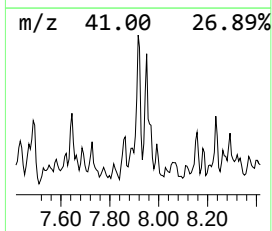
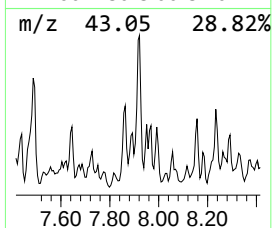
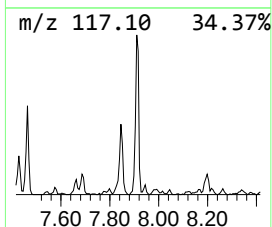
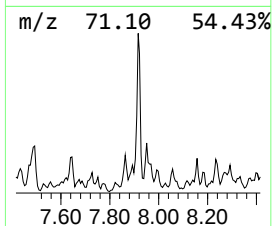
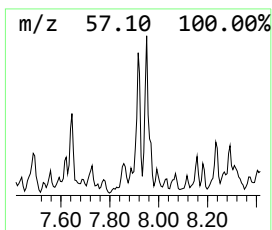
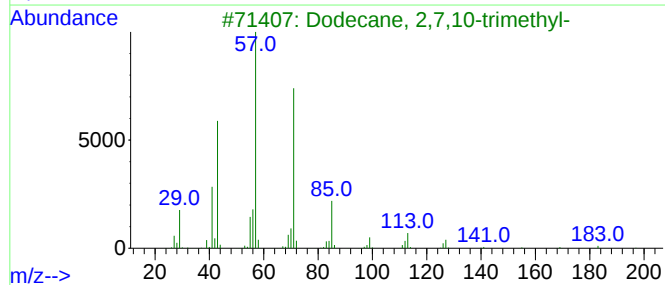
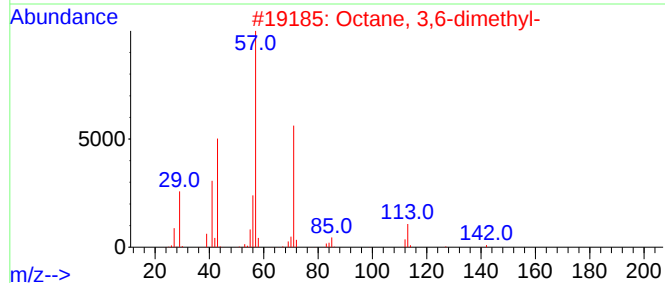
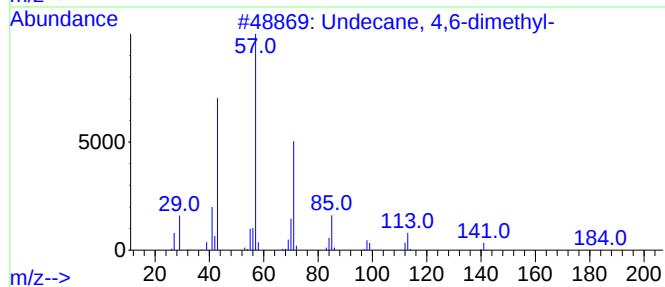
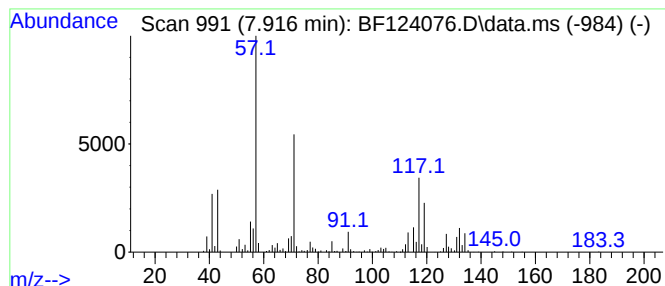
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown7.916 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.916	36.09 ng	1353670	Naphthalene-d8	8.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	38
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	38
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	38
4			Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	38
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124076.D
Acq On : 26 May 2021 21:47
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Sample : M2535-07
Misc :
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ClientSampleId :
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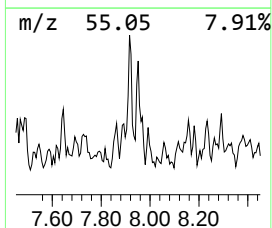
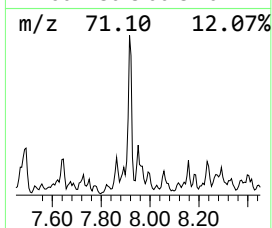
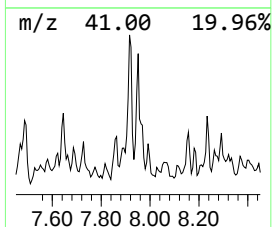
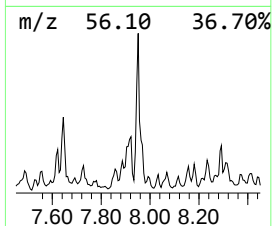
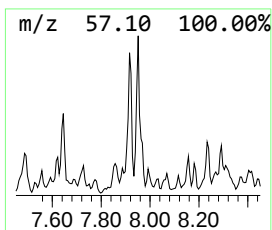
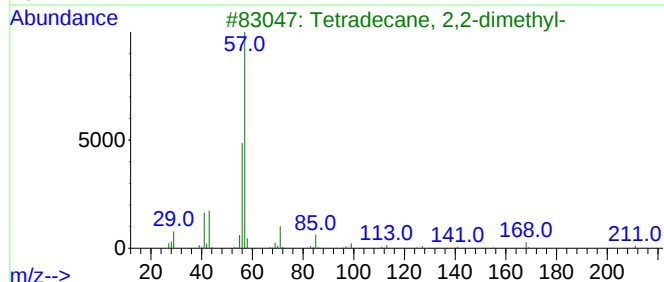
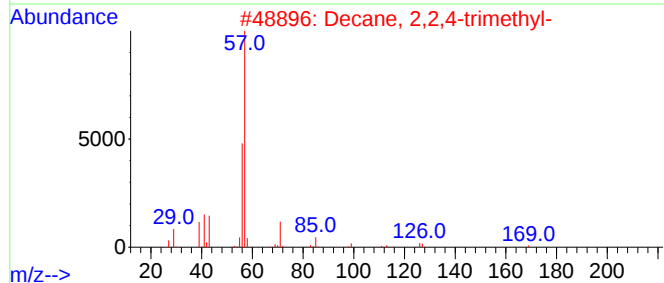
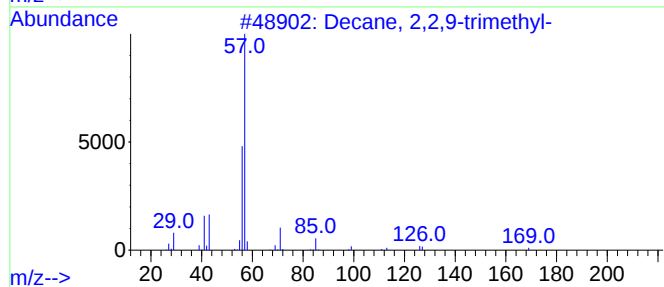
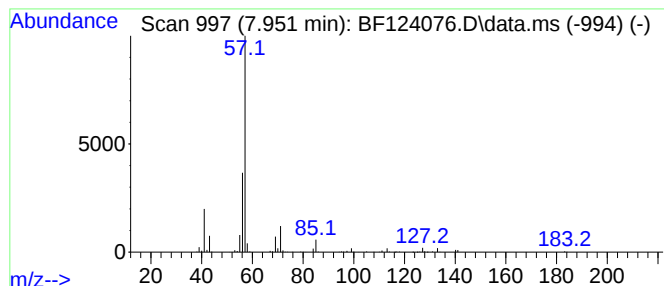
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Decane, 2,2,9-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.951	17.29 ng	648491	Naphthalene-d8	8.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	78
2			Decane, 2,2,4-trimethyl-	184	C13H28	062237-98-3	78
3			Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	72
4			Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	64
5			Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124076.D
Acq On : 26 May 2021 21:47
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Sample : M2535-07
Misc :
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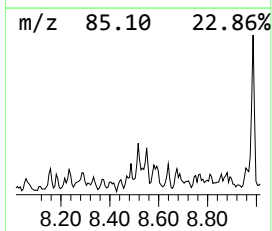
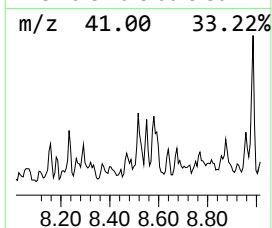
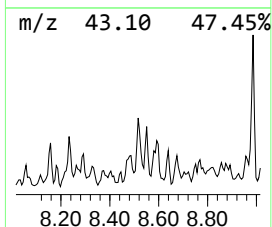
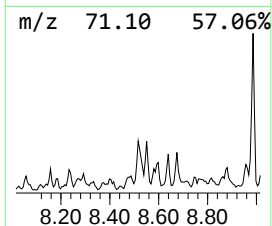
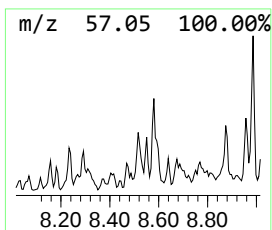
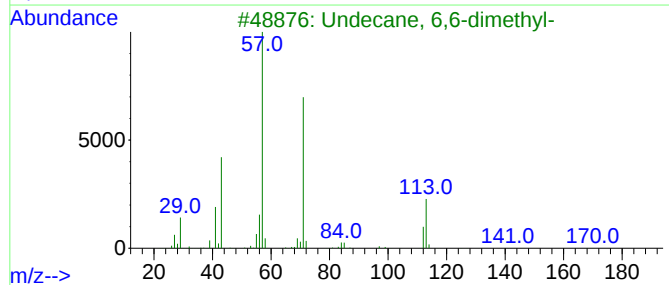
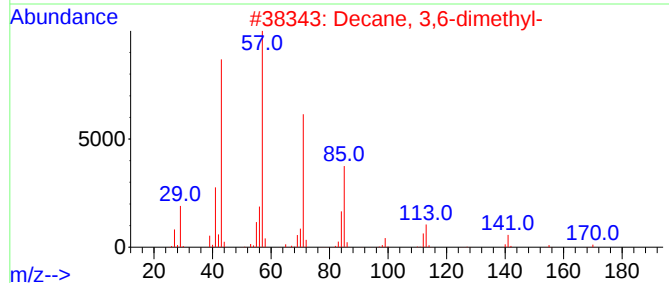
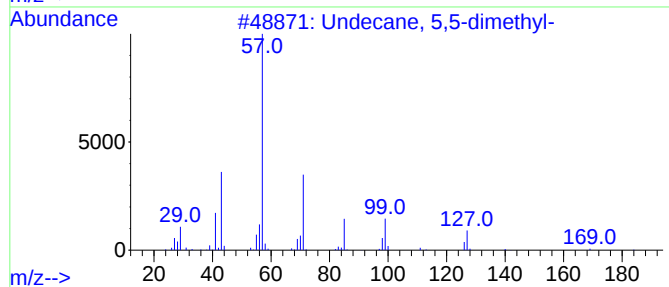
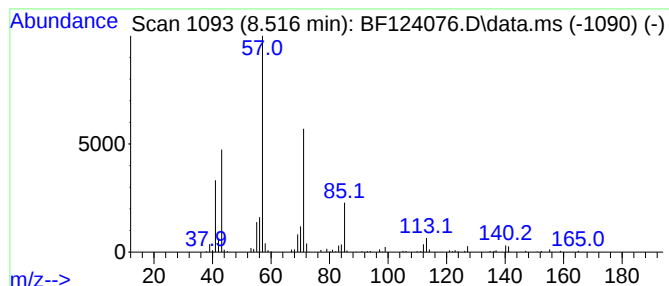
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Undecane, 5,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.516	8.60 ng	322530	Naphthalene-d8	8.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	72
2			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64
3			Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59
4			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124076.D
Acq On : 26 May 2021 21:47
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Misc :
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Instrument :
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ClientSampleId :
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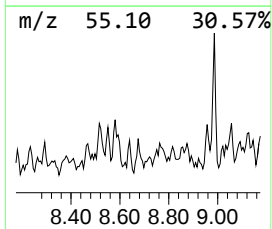
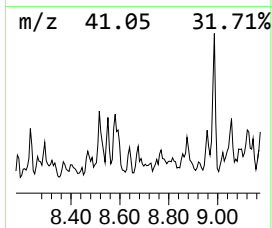
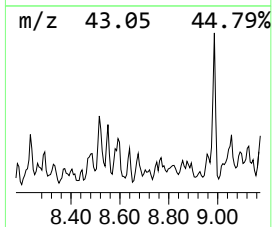
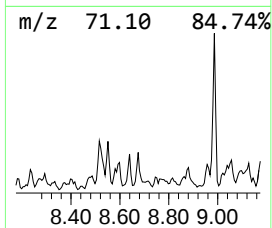
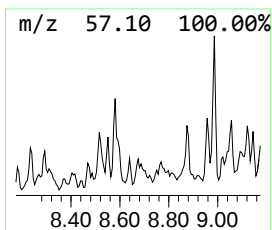
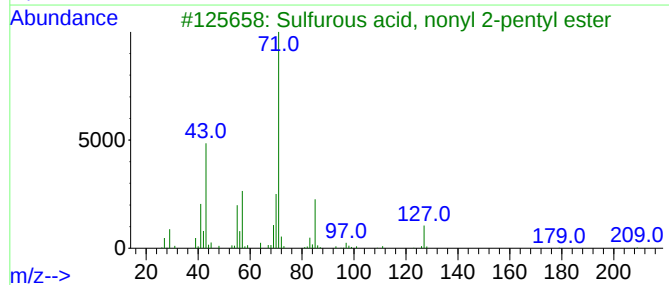
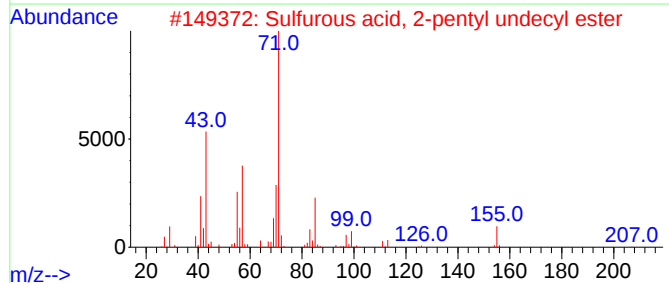
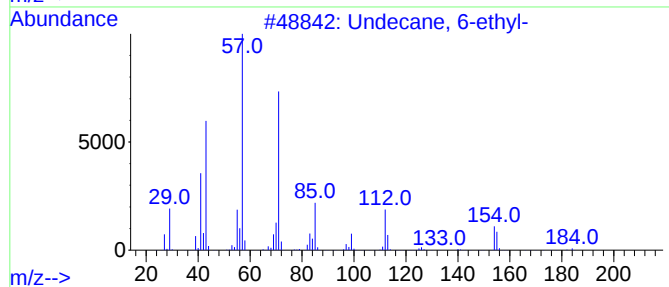
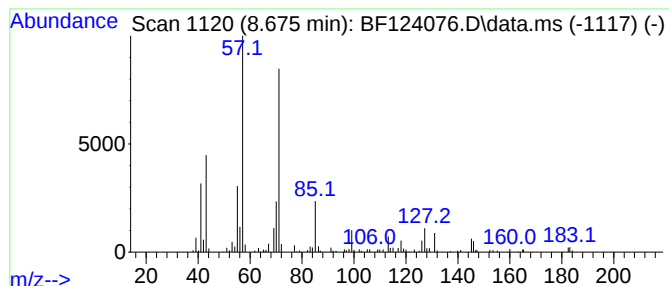
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Undecane, 6-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.675	8.77 ng	329122	Naphthalene-d8	8.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 6-ethyl-	184	C13H28	017312-60-6	81
2			Sulfurous acid, 2-pentyl undecyl...	306	C16H34O3S	1000309-16-0	53
3			Sulfurous acid, nonyl 2-pentyl e...	278	C14H30O3S	1000309-15-8	53
4			Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	53
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124076.D
Acq On : 26 May 2021 21:47
Operator : JU/CG
Sample : M2535-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-3

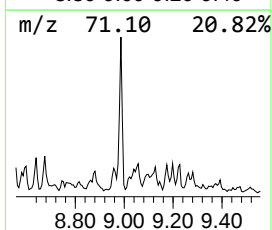
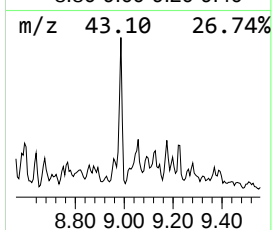
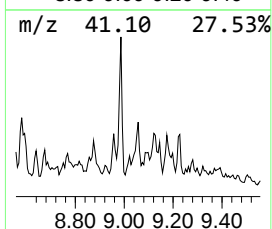
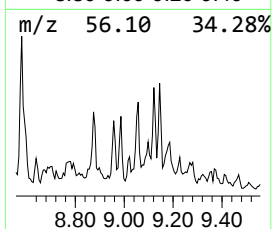
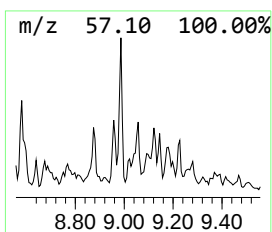
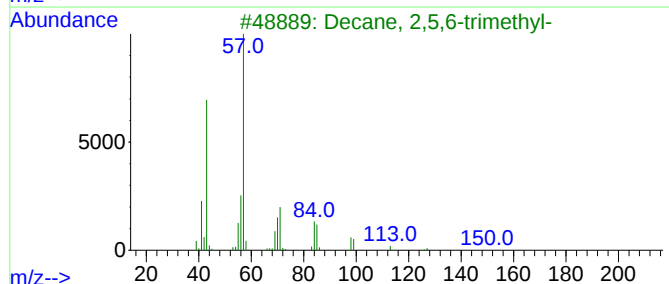
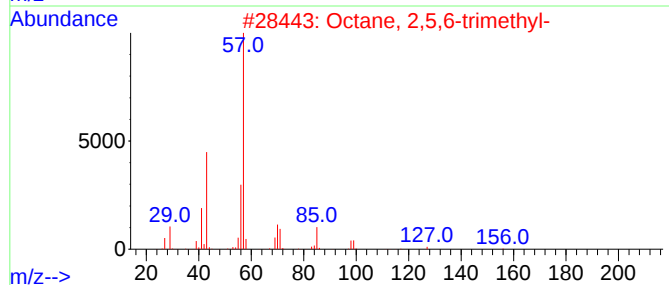
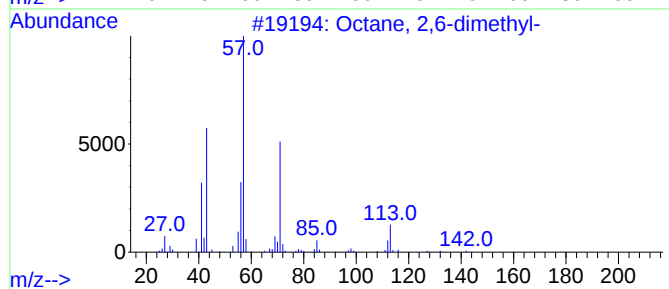
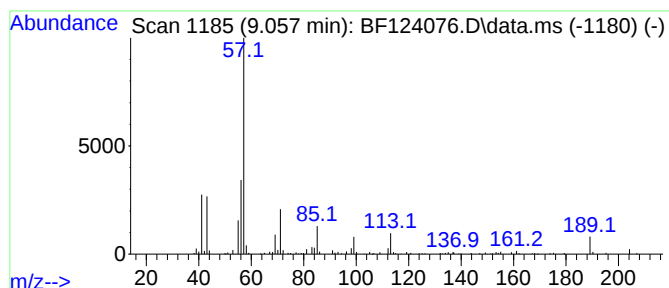
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Octane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.057	21.83 ng	545517	Acenaphthene-d10	9.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-		142	C10H22		002051-30-1	53
2	Octane, 2,5,6-trimethyl-		156	C11H24		062016-14-2	53
3	Decane, 2,5,6-trimethyl-		184	C13H28		062108-23-0	50
4	Hexane, 2,2,4-trimethyl-		128	C9H20		016747-26-5	50
5	Octane, 2,2,6-trimethyl-		156	C11H24		062016-28-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124076.D
Acq On : 26 May 2021 21:47
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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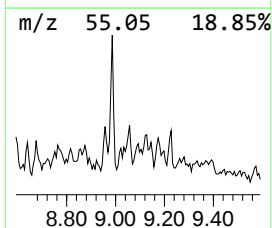
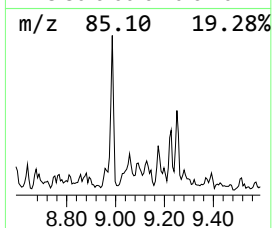
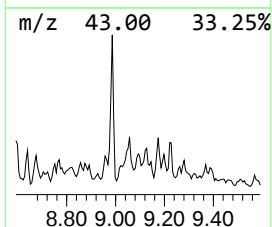
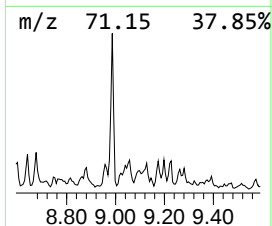
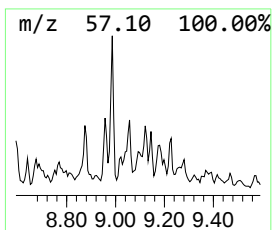
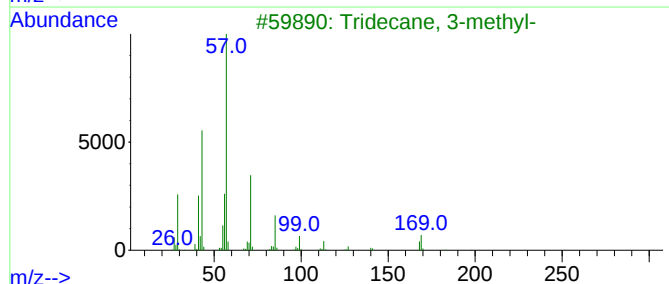
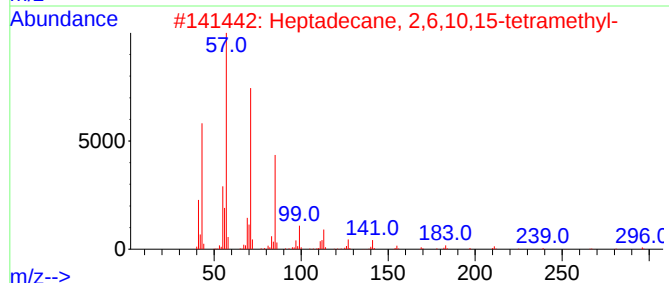
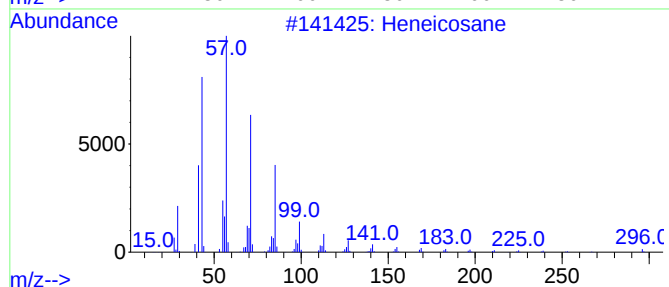
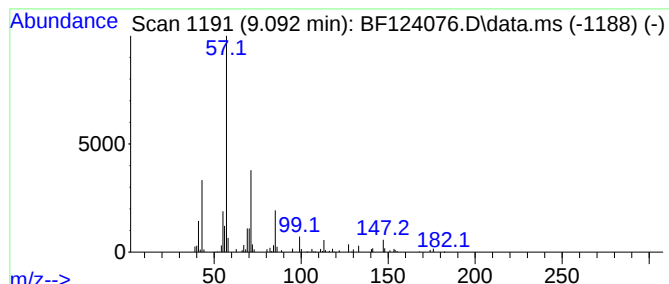
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.092	10.23 ng	255700	Acenaphthene-d10	9.933

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	64
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
3		Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	59
5		Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124076.D
Acq On : 26 May 2021 21:47
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ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
GHOST-3

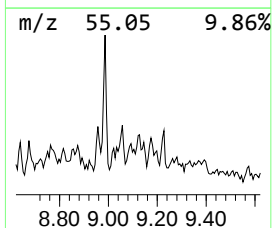
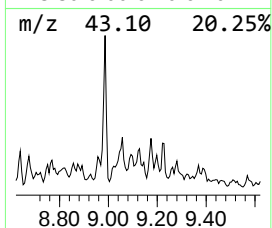
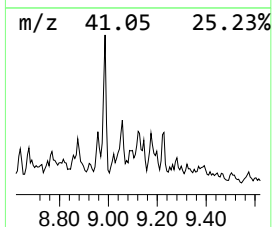
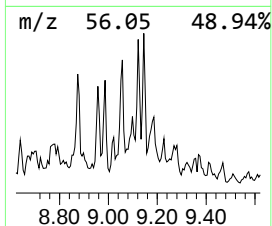
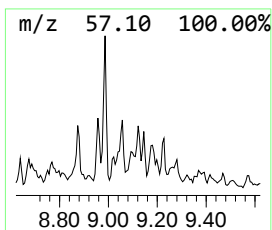
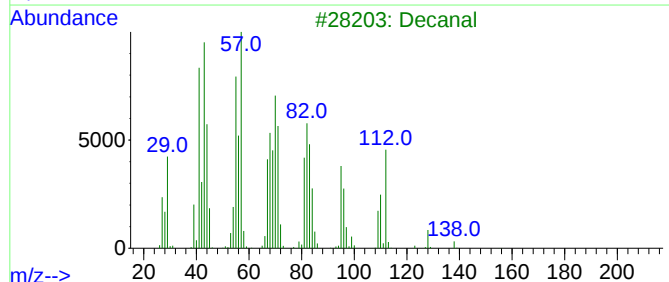
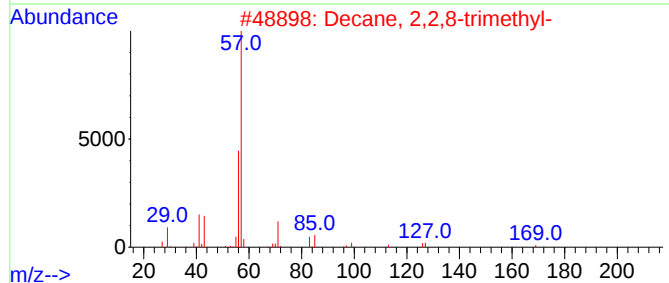
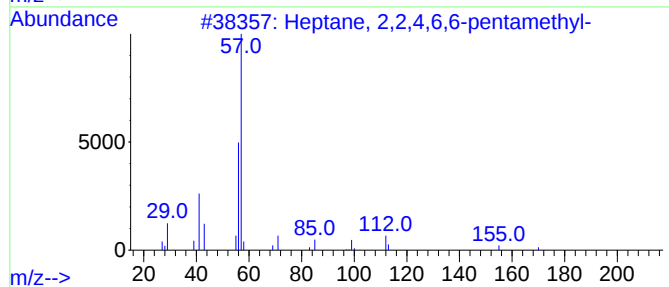
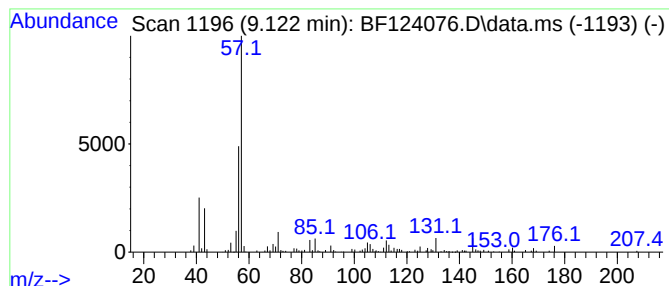
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Heptane, 2,2,4,6,6-pentamet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.122	15.93 ng	398063	Acenaphthene-d10	9.933

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64
2		Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	59
3		Decanal	156	C10H20O	000112-31-2	59
4		Undecane, 2,2-dimethyl-	184	C13H28	017312-64-0	45
5		Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124076.D
Acq On : 26 May 2021 21:47
Operator : JU/CG
Sample : M2535-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-3

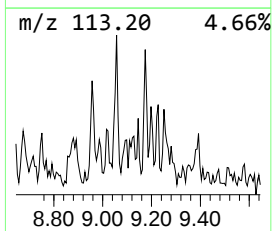
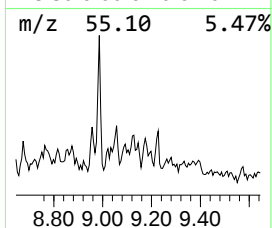
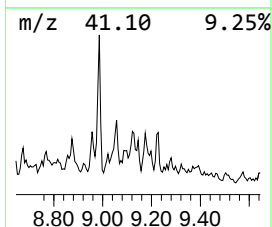
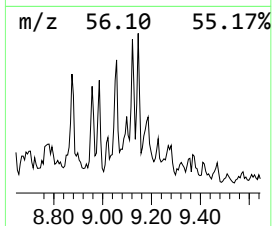
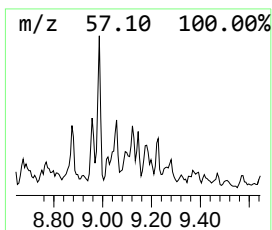
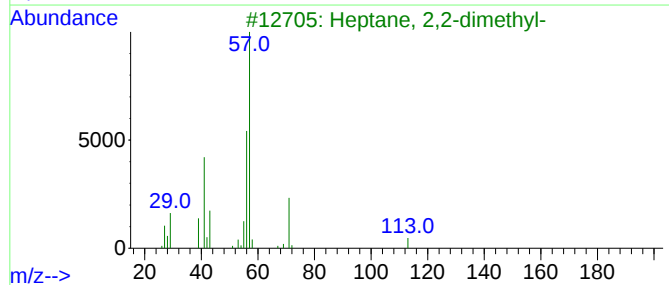
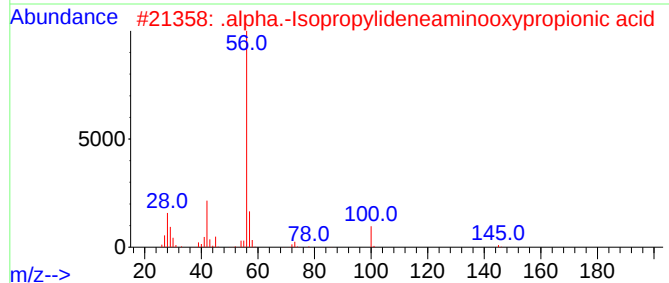
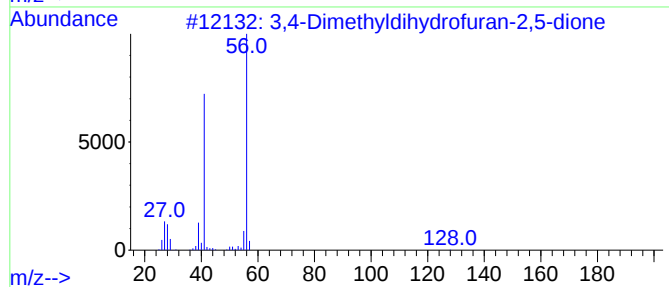
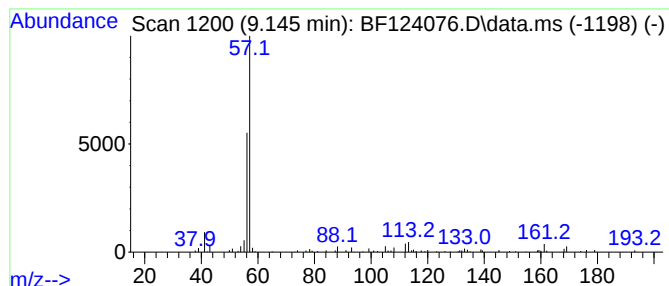
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown9.145 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.145	8.47 ng	211720	Acenaphthene-d10	9.933

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	9
2		.alpha.-Isopropylideneaminoxypr...	145	C6H11NO3	005001-36-5	9
3		Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	9
4		Undecane, 2,2-dimethyl-	184	C13H28	017312-64-0	9
5		Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124076.D
Acq On : 26 May 2021 21:47
Operator : JU/CG
Sample : M2535-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-3

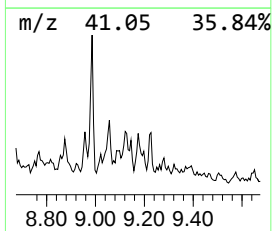
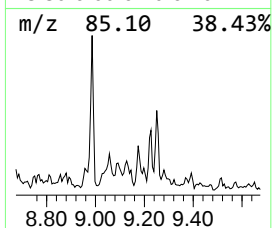
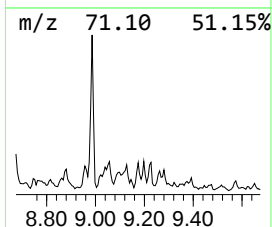
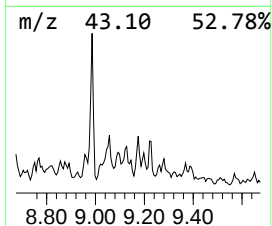
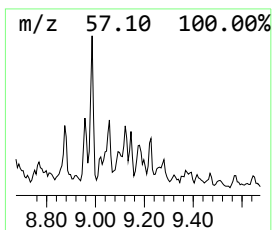
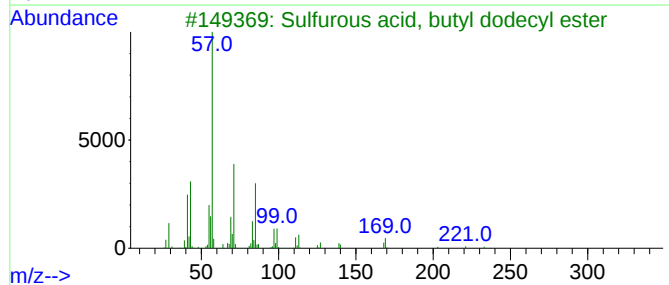
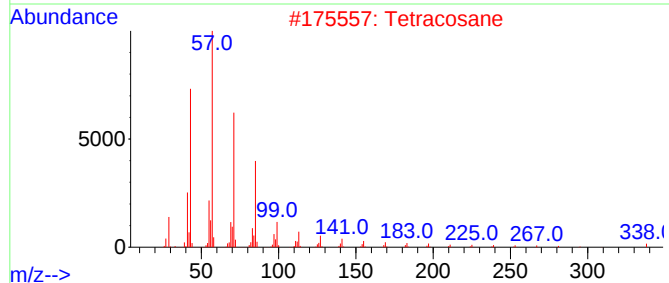
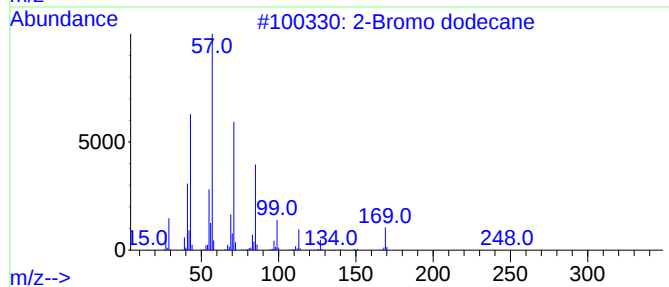
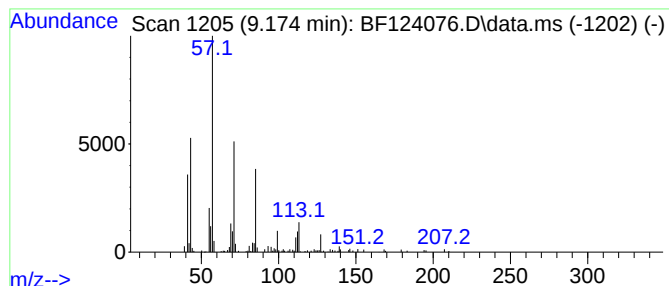
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 2-Bromo dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.174	14.70 ng	367255	Acenaphthene-d10	9.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Bromo dodecane	248	C12H25Br	013187-99-0	86
2			Tetracosane	338	C24H50	000646-31-1	72
3			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	72
4			Hentriacontane	437	C31H64	000630-04-6	72
5			Heptadecane	240	C17H36	000629-78-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124076.D
Acq On : 26 May 2021 21:47
Operator : JU/CG
Sample : M2535-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-3

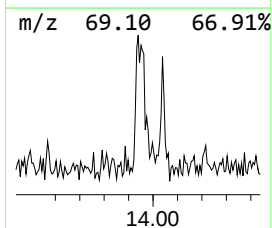
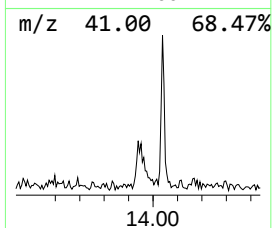
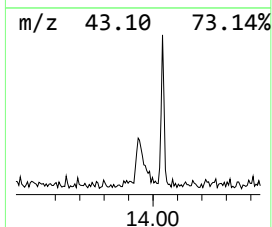
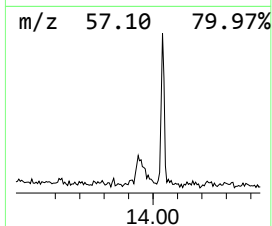
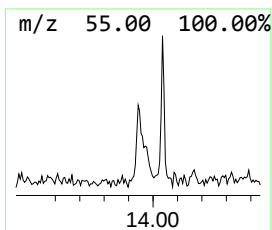
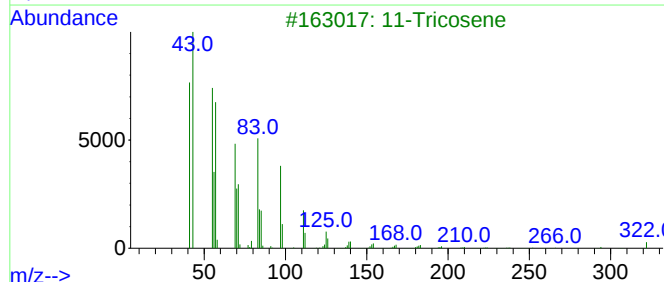
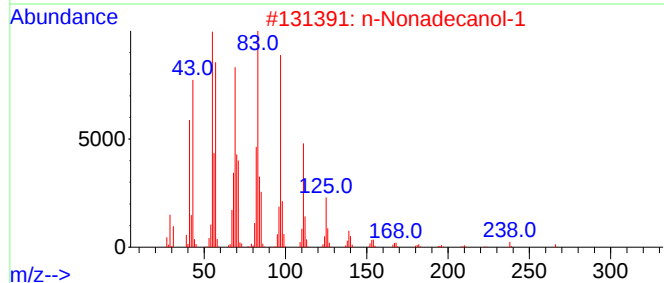
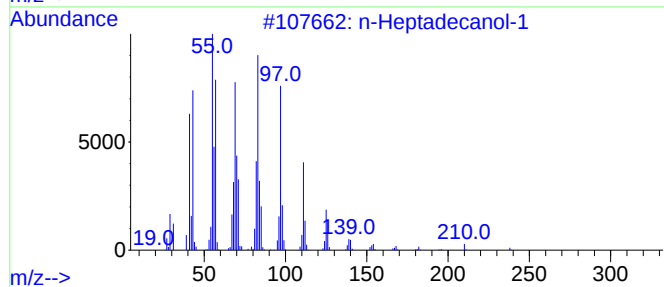
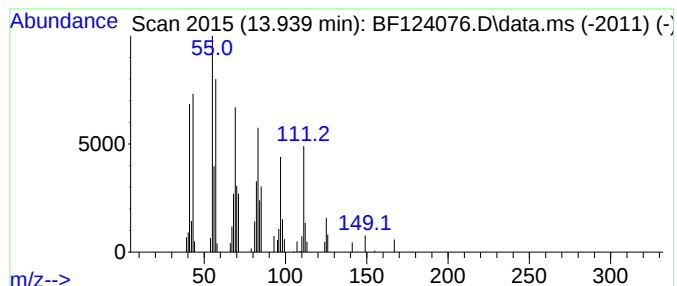
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 n-Heptadecanol-1 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.939	10.97 ng	161868	Chrysene-d12	14.062

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Heptadecanol-1	256	C17H36O	001454-85-9	87
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	83
3		11-Tricosene	322	C23H46	052078-56-5	80
4		1-Octadecanol	270	C18H38O	000112-92-5	80
5		1-Octadecene	252	C18H36	000112-88-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
 Data File : BF124076.D
 Acq On : 26 May 2021 21:47
 Operator : JU/CG
 Sample : M2535-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.240	8.6	ng	557600	1	6.892	1302230	20.0
Octane, 2,2,6-t...	6.392	11.2	ng	729828	1	6.892	1302230	20.0
Benzene, 1-ethy...	6.422	11.2	ng	729933	1	6.892	1302230	20.0
Benzene, 1,2,3-...	6.722	22.0	ng	1432680	1	6.892	1302230	20.0
Undecane, 5-ethyl-	7.022	22.5	ng	1464090	1	6.892	1302230	20.0
Hexane, 2,2,4-t...	7.169	20.1	ng	1310920	1	6.892	1302230	20.0
Hexane, 2,2,5-t...	7.233	13.6	ng	886029	1	6.892	1302230	20.0
Decane, 3,7-dim...	7.328	16.7	ng	1086760	1	6.892	1302230	20.0
Decane, 2,2,8-t...	7.645	10.1	ng	378504	2	8.175	750225	20.0
Benzene, 1,2,4,...	7.686	11.3	ng	422174	2	8.175	750225	20.0
unknown7.916	7.916	36.1	ng	1353670	2	8.175	750225	20.0
Decane, 2,2,9-t...	7.951	17.3	ng	648491	2	8.175	750225	20.0
Undecane, 5,5-d...	8.516	8.6	ng	322530	2	8.175	750225	20.0
Undecane, 6-ethyl-	8.675	8.8	ng	329122	2	8.175	750225	20.0
Octane, 2,6-dim...	9.057	21.8	ng	545517	3	9.933	499737	20.0
Heneicosane	9.092	10.2	ng	255700	3	9.933	499737	20.0
Heptane, 2,2,4,...	9.122	15.9	ng	398063	3	9.933	499737	20.0
unknown9.145	9.145	8.5	ng	211720	3	9.933	499737	20.0
2-Bromo dodecane	9.174	14.7	ng	367255	3	9.933	499737	20.0
n-Heptadecanol-1	13.939	11.0	ng	161868	5	14.062	295157	20.0