

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
 Data File : BF129063.D
 Acq On : 30 Jun 2022 17:27
 Operator : CG\JU
 Sample : N3501-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2208-28

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-BF062922.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129063.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.381	8	16	22	rBV	3045092	4362978	27.32%	1.805%
2	2.522	29	40	46	rVB	1227089	2927584	18.33%	1.211%
3	3.287	154	170	175	rBV4	108481	380257	2.38%	0.157%
4	3.387	178	187	191	rVV	385201	965090	6.04%	0.399%
5	3.434	191	195	200	rVV	453276	785662	4.92%	0.325%
6	3.810	240	259	265	rBV	1571616	3145927	19.70%	1.302%
7	3.934	265	280	285	rVV	1274188	2430241	15.22%	1.006%
8	3.992	285	290	296	rVV	716666	1169063	7.32%	0.484%
9	4.098	296	308	316	rVV3	1092767	2314783	14.49%	0.958%
10	4.228	324	330	336	rVB	1274142	1897856	11.88%	0.785%
11	4.363	344	353	358	rVB	1677425	2276530	14.26%	0.942%
12	4.504	369	377	380	rVV2	265531	457816	2.87%	0.189%
13	4.540	380	383	391	rVV4	221335	480774	3.01%	0.199%
14	4.657	398	403	411	rVV2	1125835	1740173	10.90%	0.720%
15	4.775	420	423	427	rVV	406687	486580	3.05%	0.201%
16	4.851	429	436	440	rVB	511865	595733	3.73%	0.246%
17	4.951	449	453	457	rVB	410560	405985	2.54%	0.168%
18	5.051	467	470	476	rVB	378784	386991	2.42%	0.160%
19	5.128	476	483	486	rBV	1100591	1380754	8.65%	0.571%
20	5.392	524	528	531	rBV2	578953	736327	4.61%	0.305%
21	5.428	531	534	537	rVB3	355276	461964	2.89%	0.191%
22	5.469	537	541	544	rBV2	2756925	3084601	19.32%	1.276%
23	5.498	544	546	549	rVV	1634881	1326658	8.31%	0.549%
24	5.592	555	562	566	rVB3	10156874	15969701	100.00%	6.608%
25	5.639	566	570	573	rBV	634207	617802	3.87%	0.256%
26	5.704	578	581	584	rVV	691354	661306	4.14%	0.274%
27	5.745	584	588	593	rVV3	282467	490064	3.07%	0.203%
28	5.822	598	601	603	rBV	2639458	2439977	15.28%	1.010%
29	5.875	607	610	613	rVV	1512351	1376539	8.62%	0.570%
30	6.028	633	636	640	rVV2	613338	656785	4.11%	0.272%
31	6.104	644	649	651	rBV	641339	642340	4.02%	0.266%
32	6.134	651	654	656	rVV2	579955	578871	3.62%	0.240%
33	6.157	656	658	661	rVB	440164	381166	2.39%	0.158%
34	6.204	661	666	672	rBV2	651949	994465	6.23%	0.411%
35	6.392	693	698	700	rBV2	597449	807184	5.05%	0.334%
36	6.422	700	703	705	rVV	1899131	1997668	12.51%	0.827%

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37	6.445	705	707	710	rVV	2692329	2490445	15.59%	1.030%
38	6.481	710	713	716	rVV	2798440	2425725	15.19%	1.004%
39	6.516	716	719	721	rVV	3336311	2733838	17.12%	1.131%
40	6.563	721	727	728	rVV2	5435815	7825420	49.00%	3.238%
41	6.586	728	731	733	rVV	8224679	8661800	54.24%	3.584%
42	6.645	736	741	744	rVV2	2429683	2413086	15.11%	0.998%
43	6.739	752	757	761	rVV5	387397	805965	5.05%	0.333%
44	6.786	761	765	768	rVB	10516054	10179666	63.74%	4.212%
45	6.892	777	783	785	rBV3	527438	739800	4.63%	0.306%
46	6.957	791	794	797	rVV2	3702256	3260948	20.42%	1.349%
47	7.010	800	803	806	rVV	2523572	2384693	14.93%	0.987%
48	7.075	809	814	821	rBV3	483443	988772	6.19%	0.409%
49	7.133	821	824	828	rVB	1023167	911986	5.71%	0.377%
50	7.198	832	835	837	rBV	1562355	1437238	9.00%	0.595%
51	7.228	837	840	842	rVV2	4004498	3590053	22.48%	1.485%
52	7.269	842	847	854	rVB2	6410988	7976109	49.95%	3.300%
53	7.345	854	860	863	rBV2	1323115	1729386	10.83%	0.716%
54	7.416	868	872	874	rVV	2214169	1982811	12.42%	0.820%
55	7.439	874	876	880	rVB	2093129	1835476	11.49%	0.759%
56	7.492	880	885	886	rBV	4222897	4377595	27.41%	1.811%
57	7.522	886	890	892	rVV	7176623	7906722	49.51%	3.272%
58	7.539	892	893	898	rVB	1165490	872533	5.46%	0.361%
59	7.598	898	903	906	rBV3	768694	856171	5.36%	0.354%
60	7.633	906	909	912	rBV2	971453	1051811	6.59%	0.435%
61	7.698	917	920	921	rVV	401140	414046	2.59%	0.171%
62	7.722	921	924	926	rVV	2890297	2669226	16.71%	1.104%
63	7.745	926	928	932	rVB	3523308	3095797	19.39%	1.281%
64	7.833	939	943	945	rBV2	910486	1003793	6.29%	0.415%
65	7.857	945	947	949	rVV	1021068	841454	5.27%	0.348%
66	7.886	949	952	954	rVV	1571787	1685492	10.55%	0.697%
67	7.910	954	956	960	rVV2	2356657	2701480	16.92%	1.118%
68	7.975	960	967	969	rVV3	3641016	5263979	32.96%	2.178%
69	7.998	969	971	974	rVV2	1632094	1803470	11.29%	0.746%
70	8.051	976	980	982	rVV2	996814	1370840	8.58%	0.567%
71	8.104	982	989	992	rVB2	1483559	2145666	13.44%	0.888%
72	8.210	1003	1007	1008	rVV	1707152	1941022	12.15%	0.803%
73	8.239	1008	1012	1014	rVV3	4264268	5827585	36.49%	2.411%
74	8.263	1014	1016	1018	rVV	2918176	2549836	15.97%	1.055%
75	8.280	1018	1019	1023	rVB2	927717	723889	4.53%	0.300%
76	8.322	1023	1026	1028	rBV	884646	748908	4.69%	0.310%

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77	8.398	1032	1039	1047	rBV4	352601	748645	4.69%	0.310%
78	8.516	1056	1059	1064	rVV3	748193	1279497	8.01%	0.529%
79	8.586	1064	1071	1072	rVV3	278532	596286	3.73%	0.247%
80	8.622	1072	1077	1079	rVV2	1248984	1343452	8.41%	0.556%
81	8.704	1087	1091	1093	rVV	711584	663461	4.15%	0.275%
82	8.739	1093	1097	1103	rVV4	505748	709798	4.44%	0.294%
83	8.822	1108	1111	1115	rVV3	1157918	1270436	7.96%	0.526%
84	8.951	1128	1133	1136	rVB	3892163	3394741	21.26%	1.405%
85	9.051	1145	1150	1153	rBV	2047879	1850712	11.59%	0.766%
86	9.316	1189	1195	1198	rBV	12391860	13213563	82.74%	5.467%
87	9.510	1224	1228	1233	rVB	443726	509570	3.19%	0.211%
88	9.574	1233	1239	1245	rBV	719345	1061428	6.65%	0.439%
89	9.651	1246	1252	1255	rVV	935939	968230	6.06%	0.401%
90	9.769	1268	1272	1278	rVB	353816	391669	2.45%	0.162%
91	9.998	1304	1311	1314	rBV	4314886	3695697	23.14%	1.529%
92	10.792	1438	1446	1449	rBV	9252236	8885501	55.64%	3.676%
93	11.492	1558	1565	1568	rBV	4274448	3768360	23.60%	1.559%
94	12.004	1644	1652	1658	rBV2	545992	647778	4.06%	0.268%
95	13.086	1830	1836	1839	rBV	12736688	13322236	83.42%	5.512%
96	13.557	1911	1916	1924	rBV	398636	418859	2.62%	0.173%
97	14.015	1989	1994	2006	rBV	298334	675223	4.23%	0.279%
98	14.139	2011	2015	2019	rVV	3553699	3121653	19.55%	1.292%
99	14.233	2025	2031	2037	rBV	495247	597184	3.74%	0.247%
100	15.662	2269	2274	2284	rBV2	1994777	2511509	15.73%	1.039%

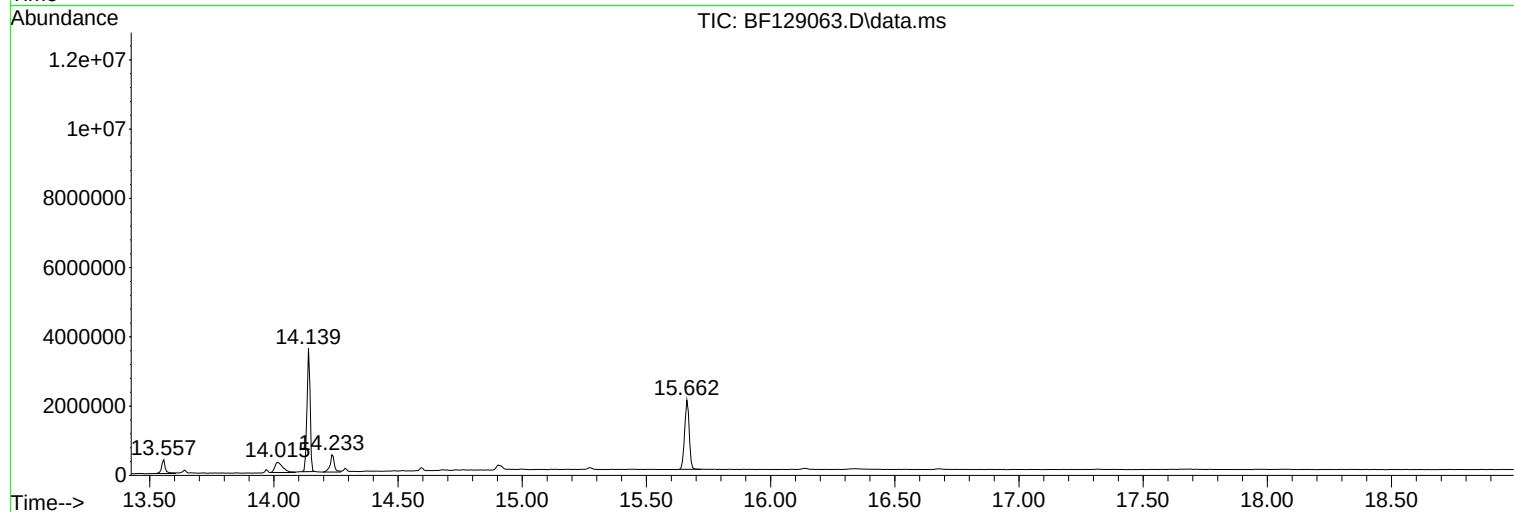
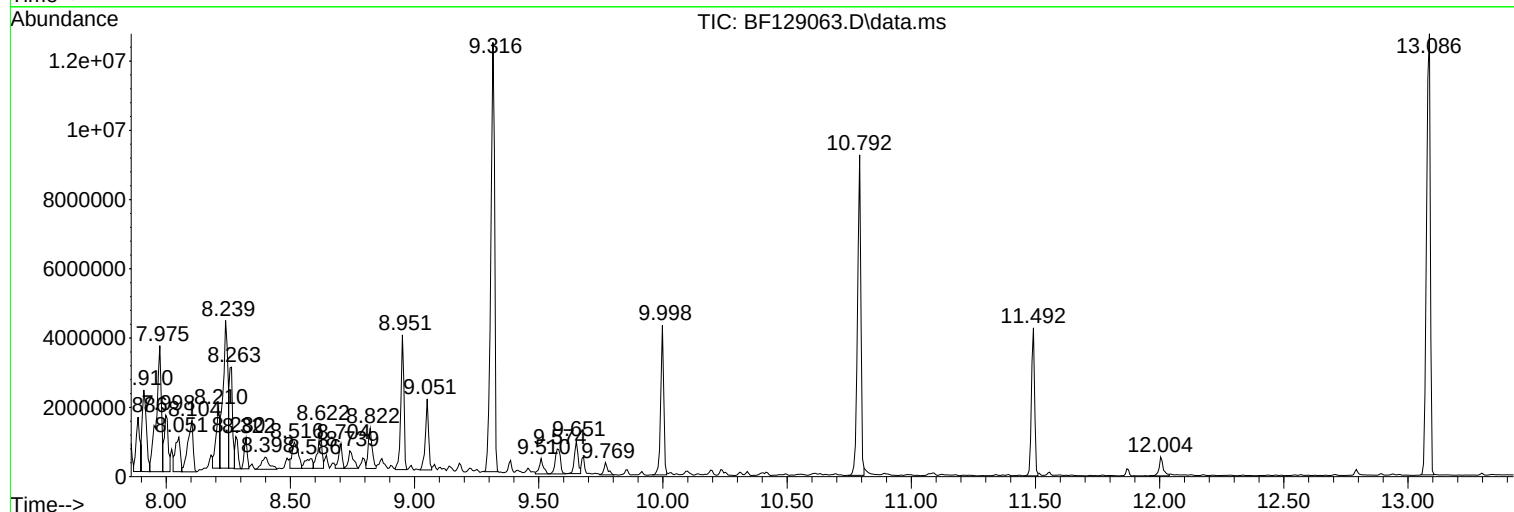
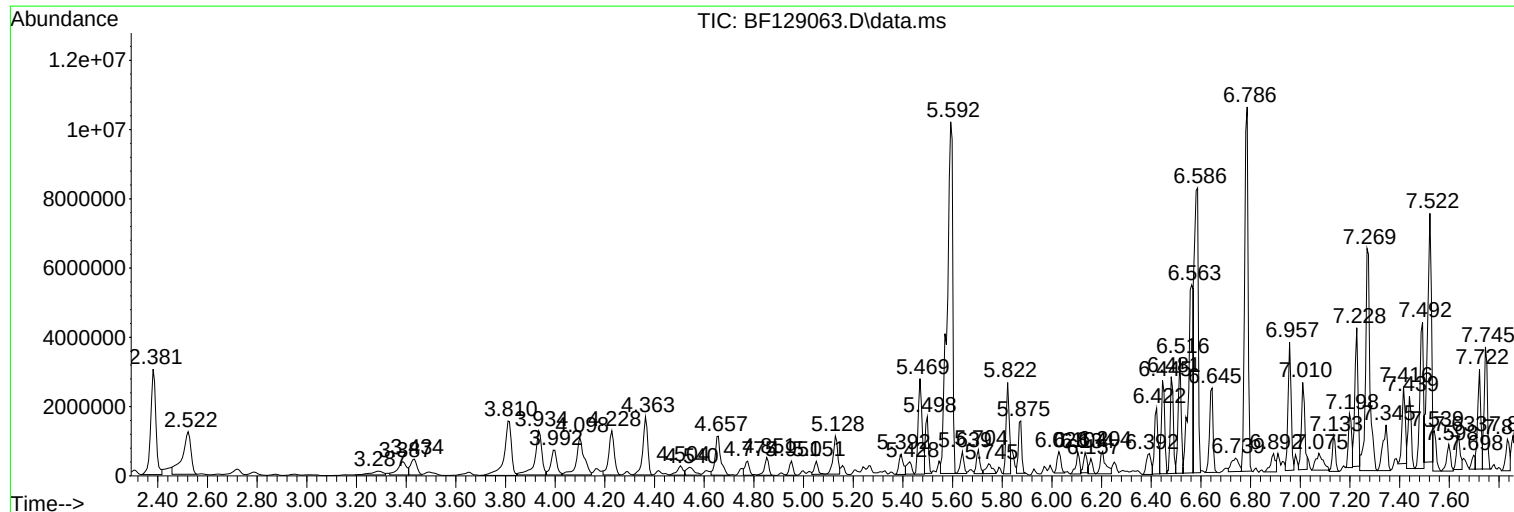
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Instrument :
BNA_F
ClientSampleId :
B2208-28

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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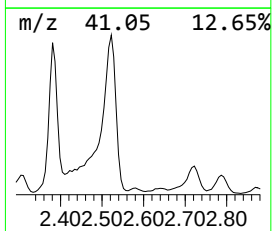
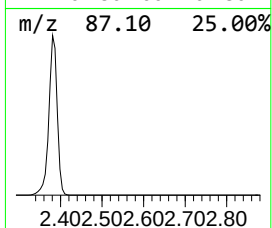
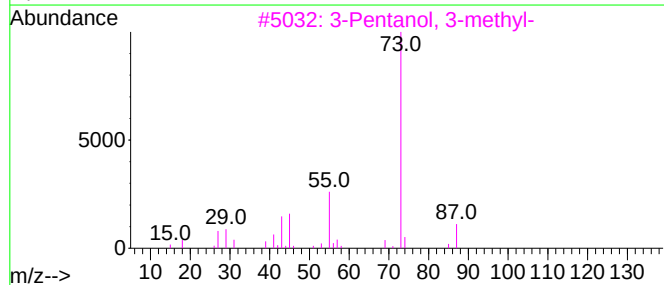
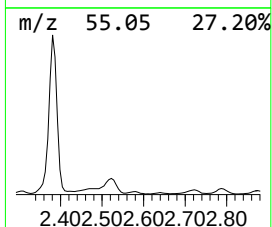
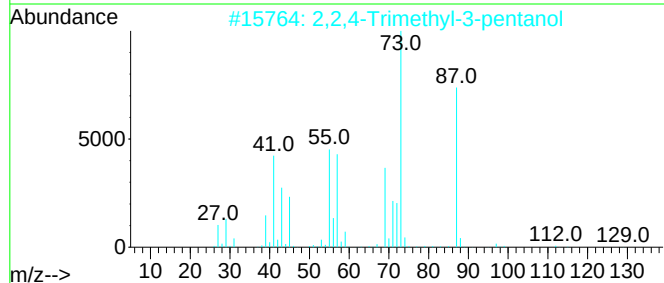
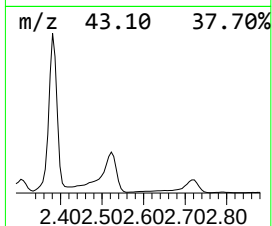
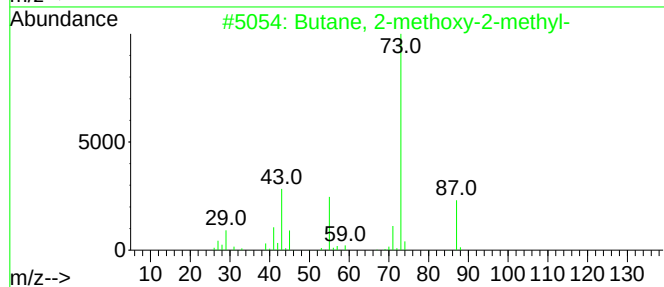
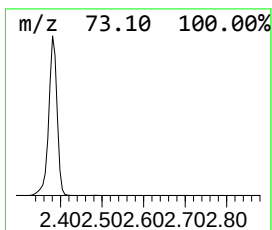
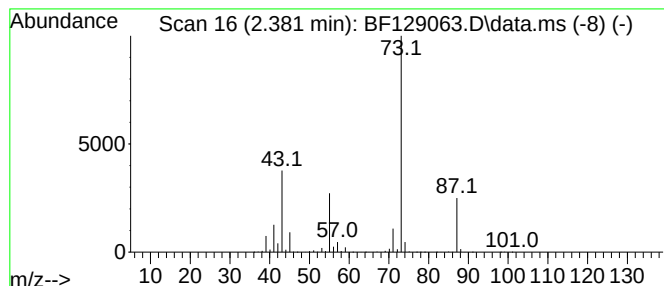
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.381	26.76 ng	4362980	1,4-Dichlorobenzene-d4	6.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	25
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	17
5			Borane, dimethoxy-	74	C2H7BO2	004542-61-4	16



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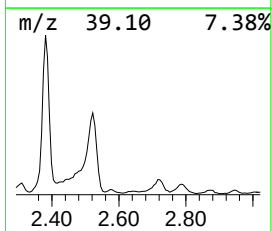
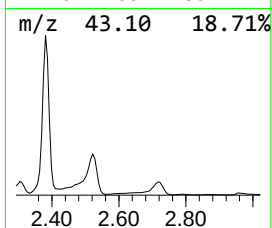
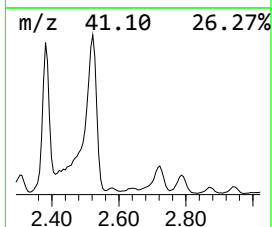
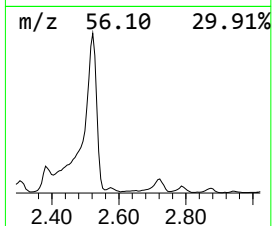
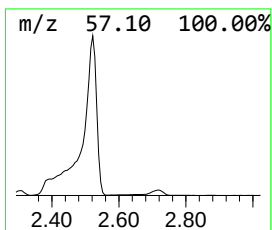
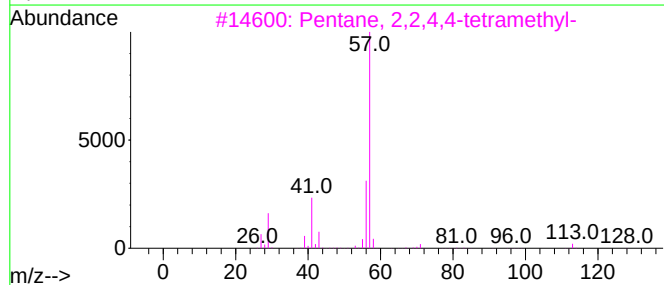
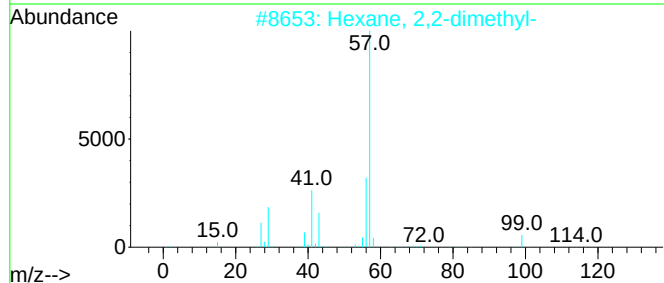
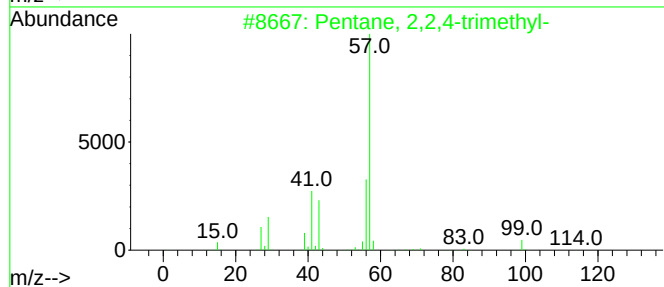
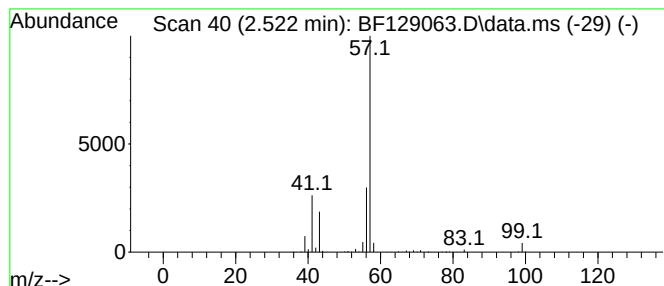
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Pentane, 2,2,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.522	17.96 ng	2927580	1,4-Dichlorobenzene-d4	6.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
2			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
3			Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	64
4			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
5			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	56



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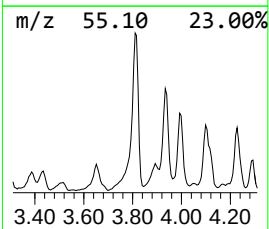
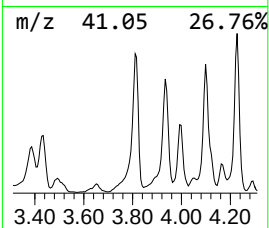
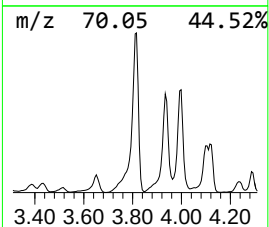
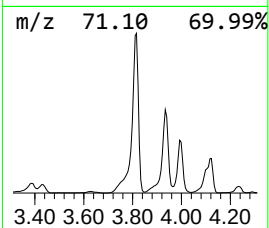
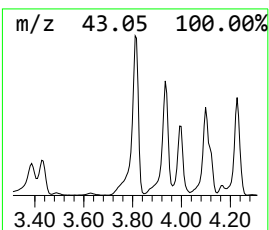
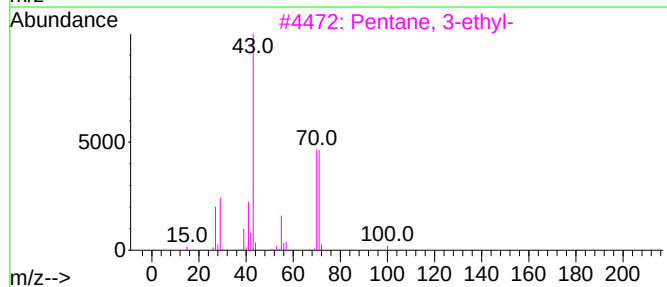
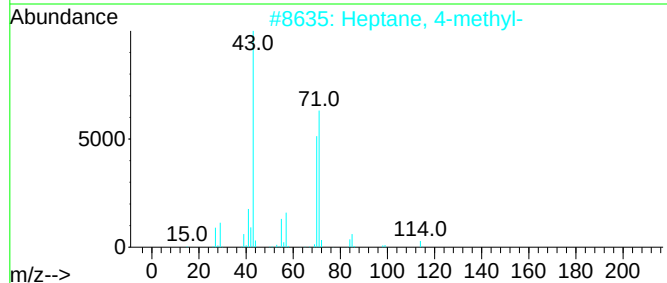
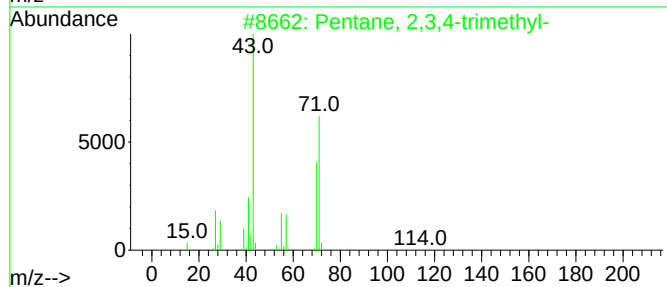
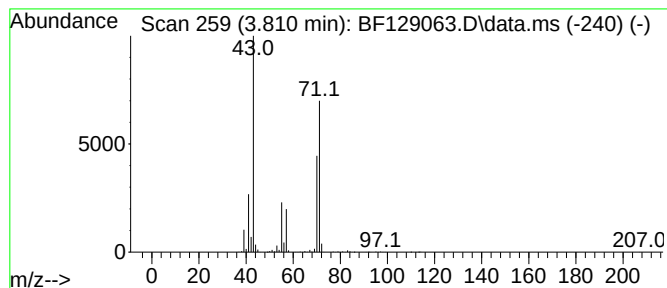
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Pentane, 2,3,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.810	19.29 ng	3145930	1,4-Dichlorobenzene-d4	6.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
2			Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3			Pentane, 3-ethyl-	100	C7H16	000617-78-7	74
4			Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	64
5			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	56



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
Data File : BF129063.D
Acq On : 30 Jun 2022 17:27
Operator : CG\JU
Sample : N3501-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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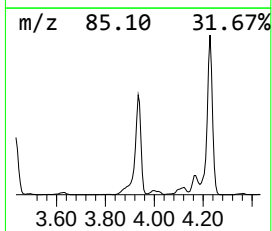
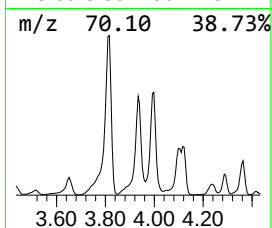
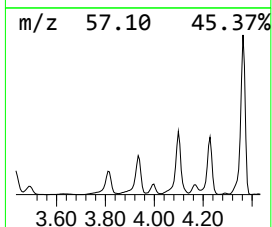
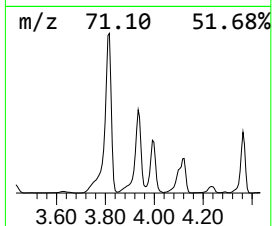
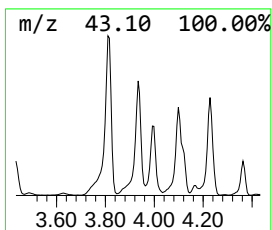
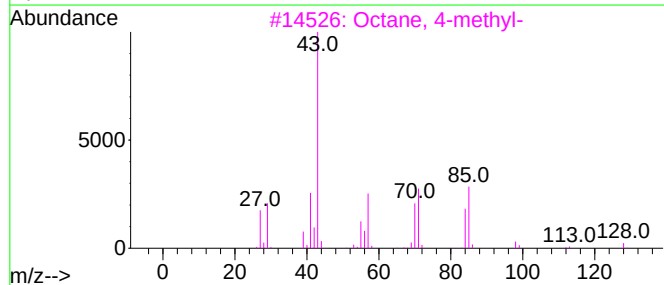
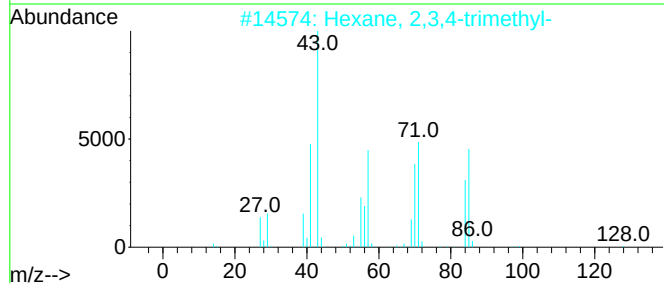
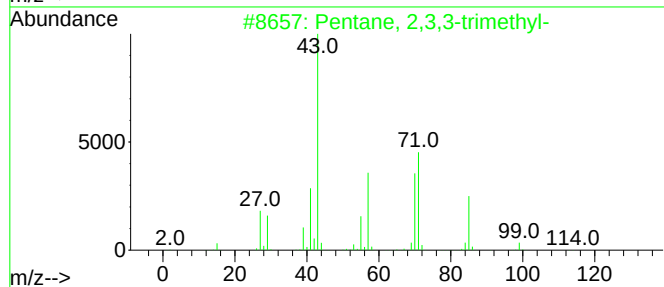
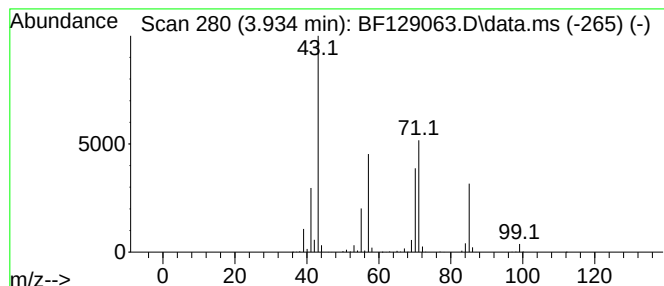
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentane, 2,3,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.934	14.91 ng	2430240	1,4-Dichlorobenzene-d4	6.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	78
3			Octane, 4-methyl-	128	C9H20	002216-34-4	78
4			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
5			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
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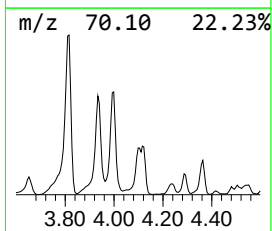
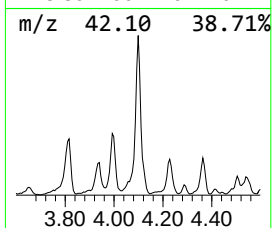
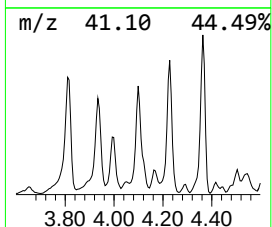
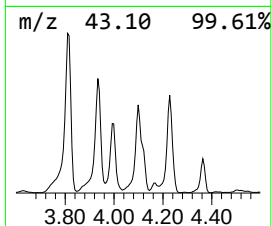
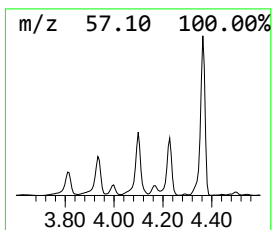
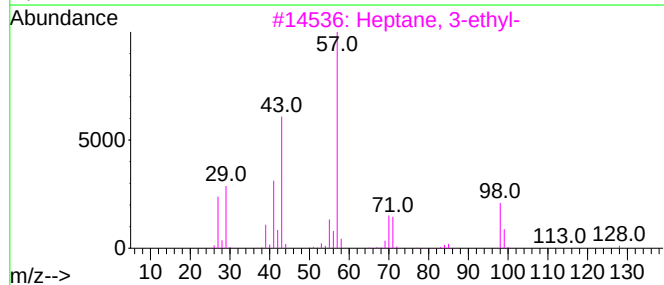
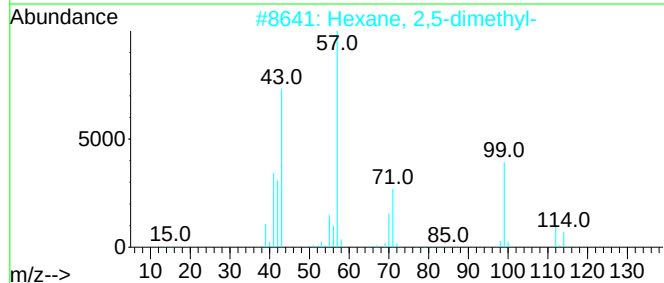
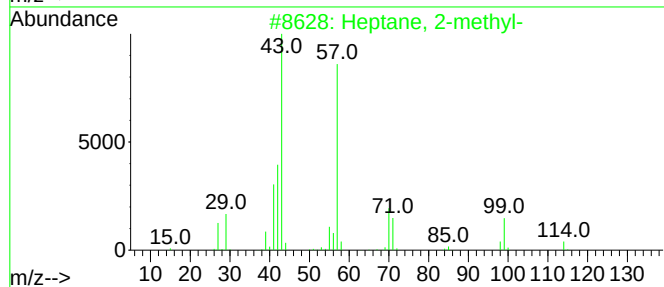
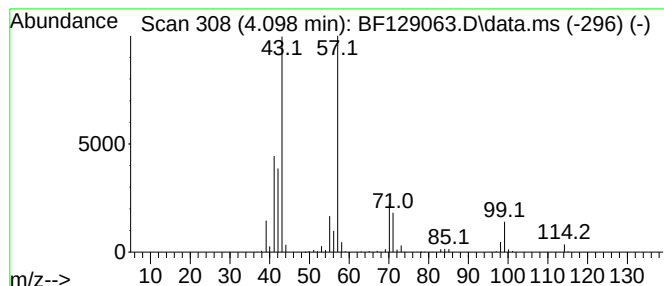
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heptane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.098	14.20 ng	2314780	1,4-Dichlorobenzene-d4	6.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2-methyl-	114	C8H18	000592-27-8	95
2			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	90
3			Heptane, 3-ethyl-	128	C9H20	015869-80-4	47
4			Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	47
5			Butane, 1-(ethenyl-)-3-methyl-	114	C7H14O	039782-38-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
Data File : BF129063.D
Acq On : 30 Jun 2022 17:27
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Sample : N3501-01
Misc :
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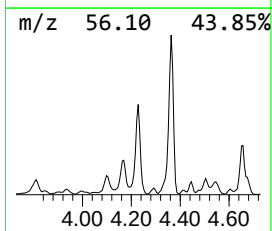
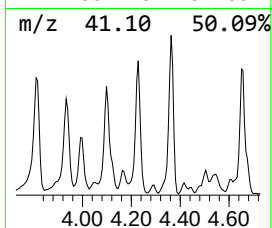
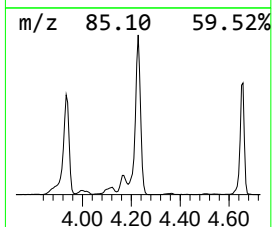
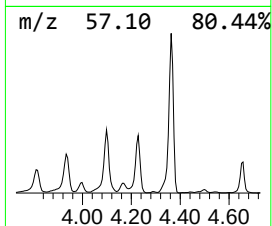
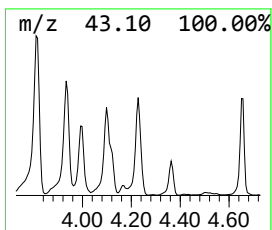
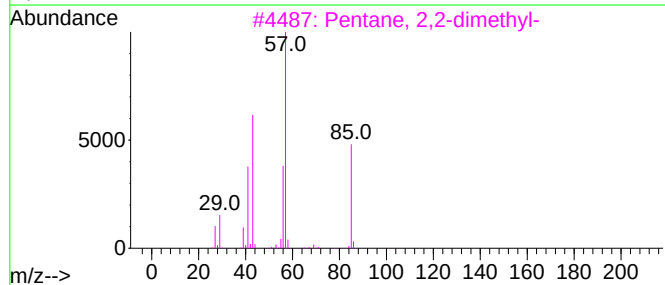
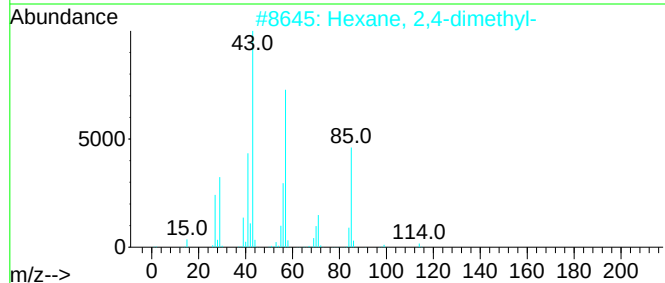
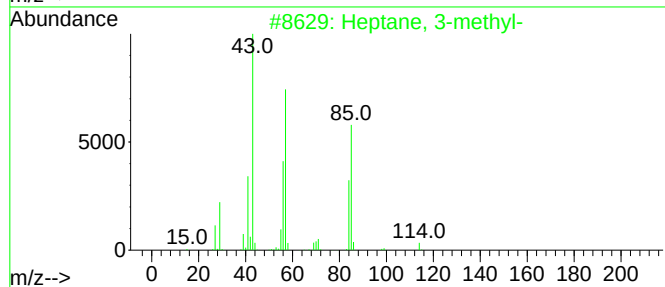
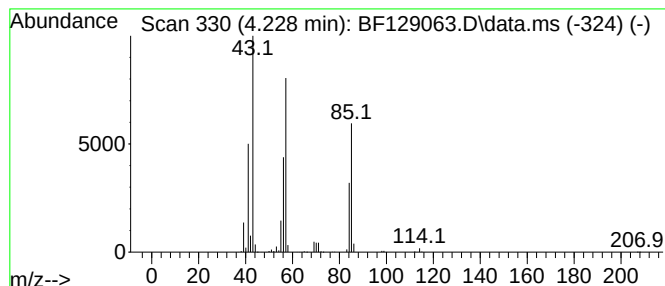
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptane, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.228	11.64 ng	1897860	1,4-Dichlorobenzene-d4	6.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	80
3			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64
4			Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	53
5			Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
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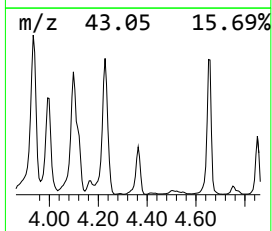
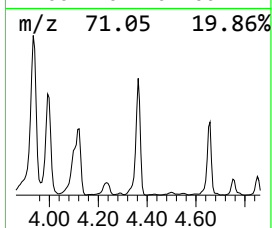
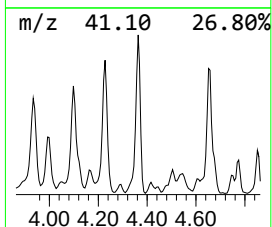
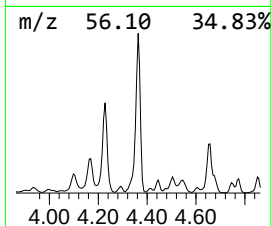
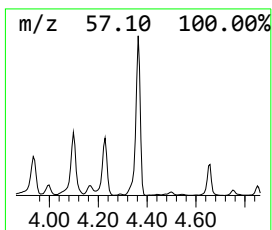
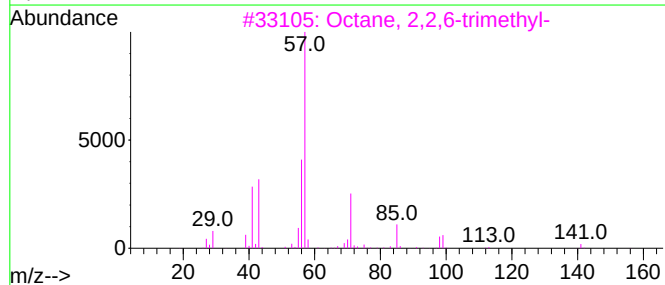
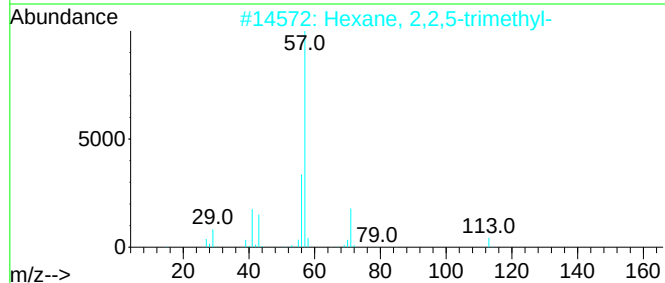
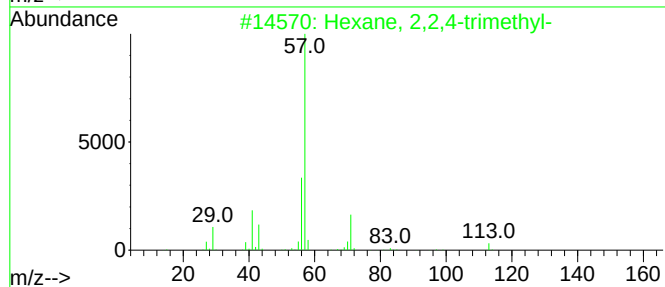
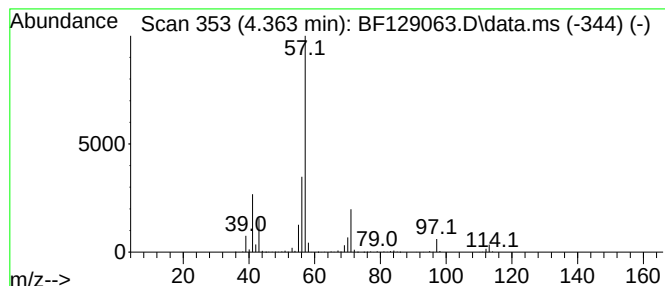
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Hexane, 2,2,4-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.363	13.96 ng	2276530	1,4-Dichlorobenzene-d4	6.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	78
2			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	78
3			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	64
4			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	56
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
Data File : BF129063.D
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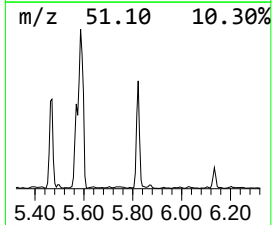
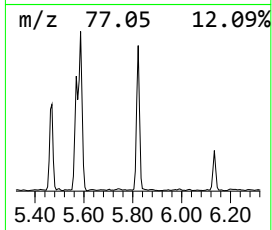
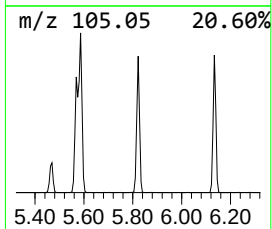
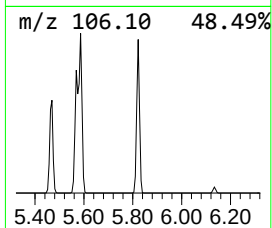
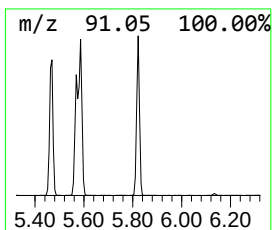
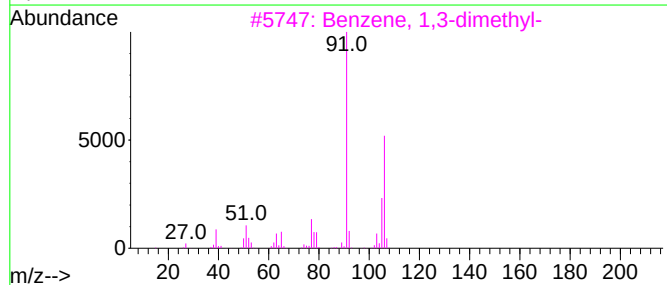
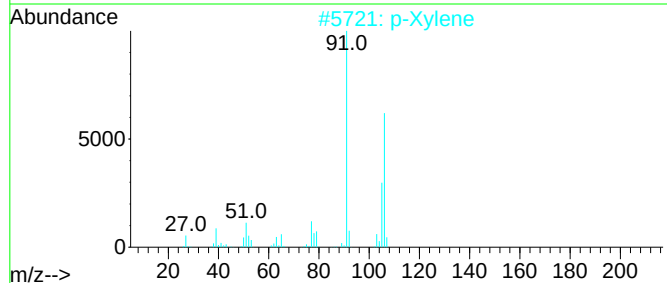
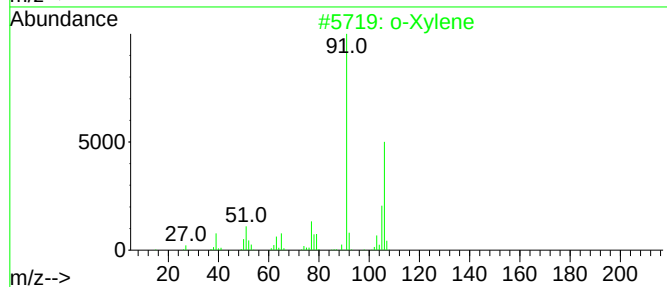
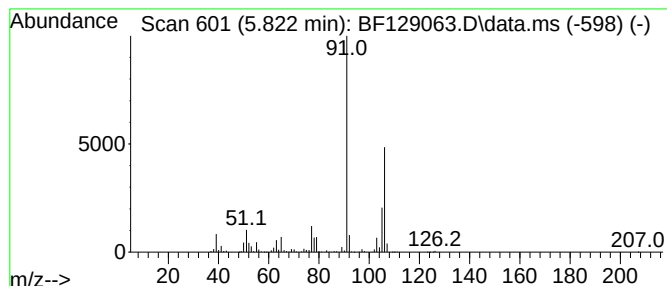
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 o-Xylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.822	14.96 ng	2439980	1,4-Dichlorobenzene-d4	6.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Xylene	106	C8H10	000095-47-6	97
2			p-Xylene	106	C8H10	000106-42-3	97
3			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4			Ethylbenzene	106	C8H10	000100-41-4	87
5			Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
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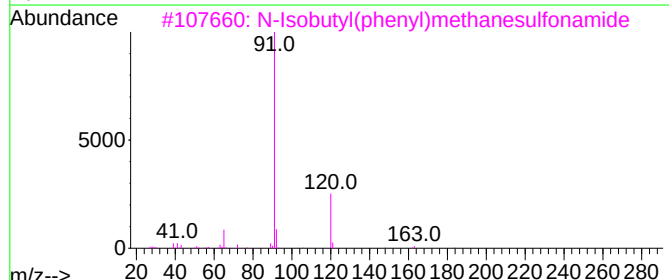
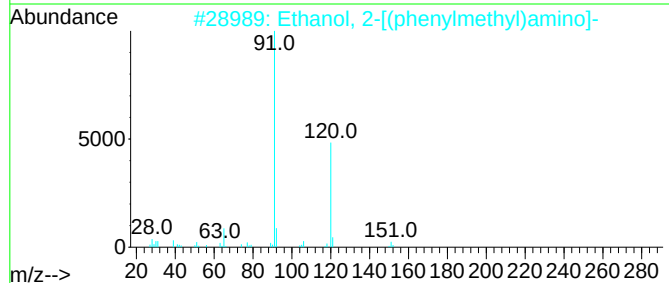
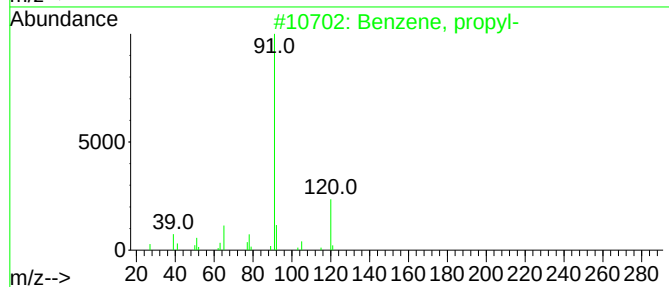
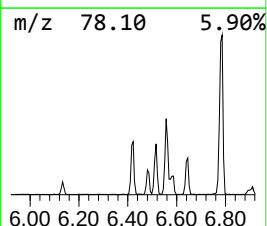
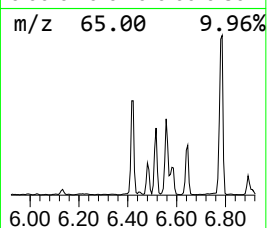
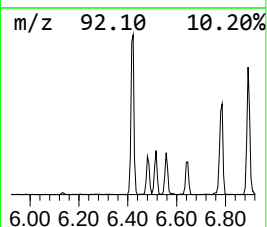
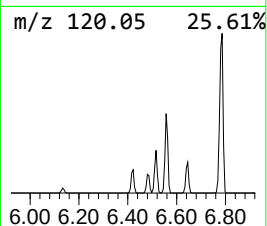
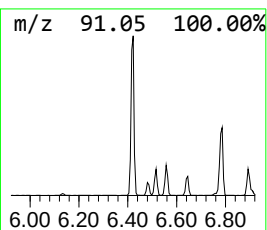
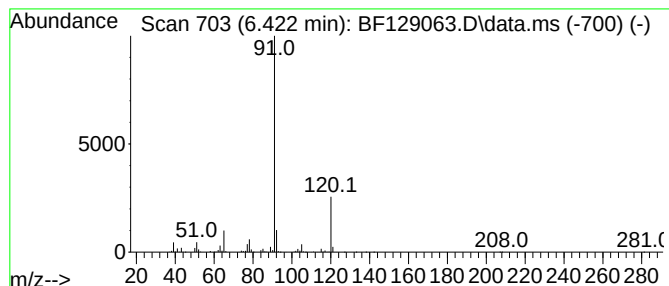
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.422	12.25 ng	1997670	1,4-Dichlorobenzene-d4	6.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	94
2			Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64
3			N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	64
4			N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64
5			Propanenitrile, 3-[(phenylmethyl)...	160	C10H12N2	000706-03-6	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
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Acq On : 30 Jun 2022 17:27
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ALS Vial : 7 Sample Multiplier: 1

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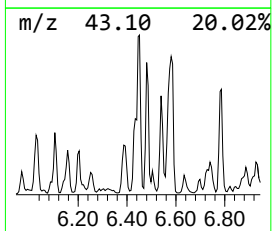
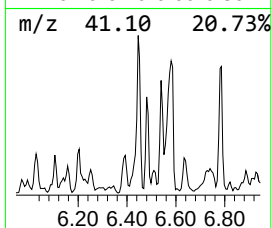
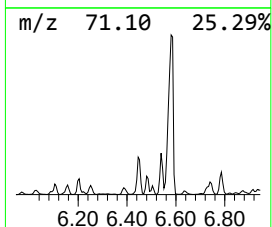
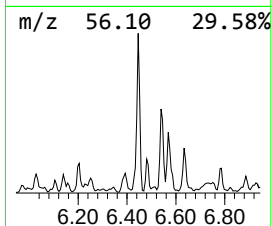
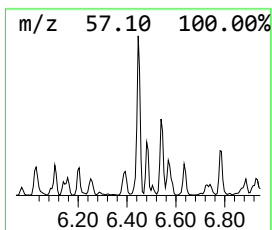
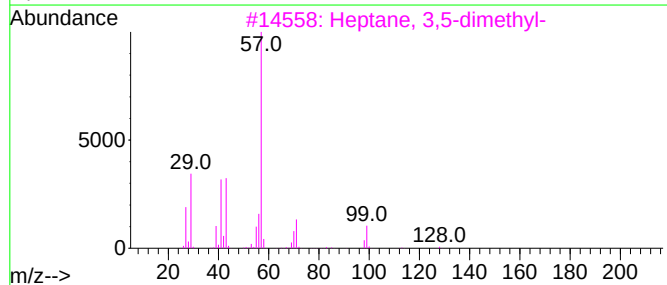
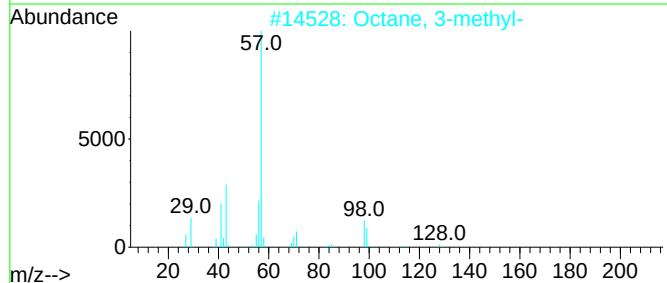
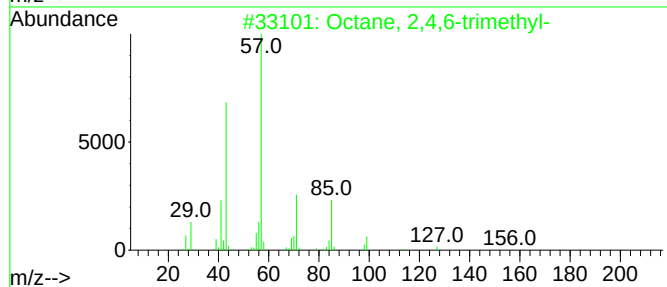
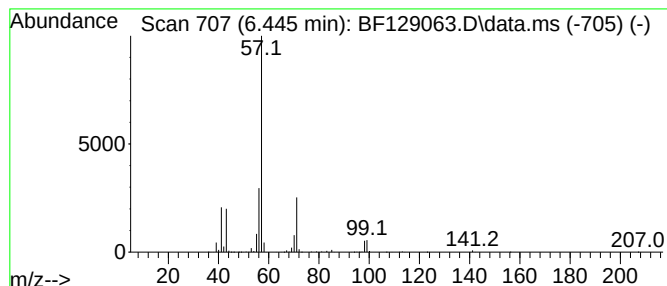
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Octane, 2,4,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.445	15.27 ng	2490450	1,4-Dichlorobenzene-d4	6.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
2			Octane, 3-methyl-	128	C9H20	002216-33-3	59
3			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	53
4			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
5			Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
Data File : BF129063.D
Acq On : 30 Jun 2022 17:27
Operator : CG\JU
Sample : N3501-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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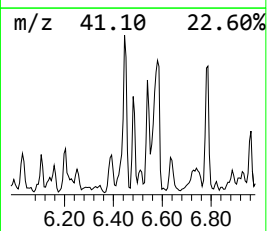
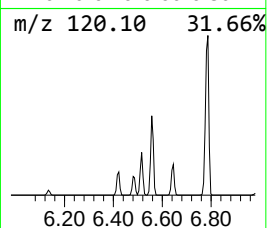
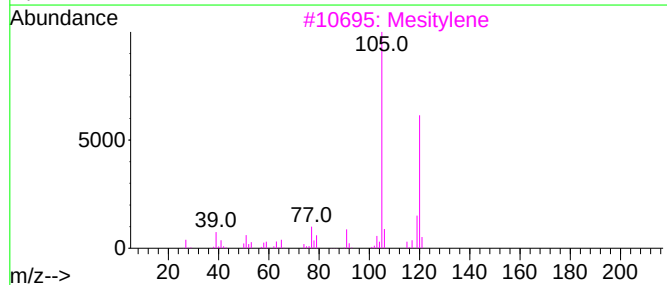
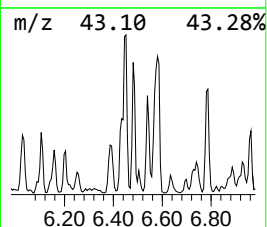
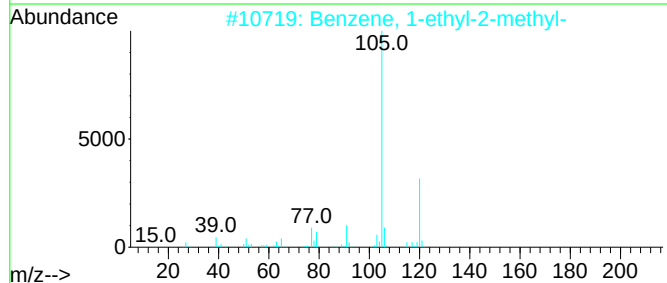
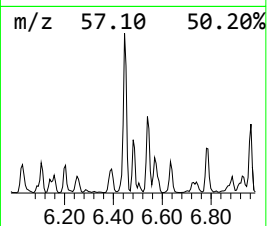
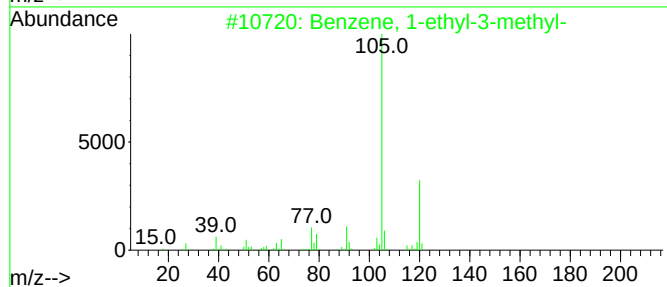
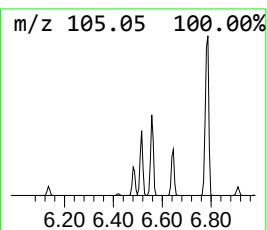
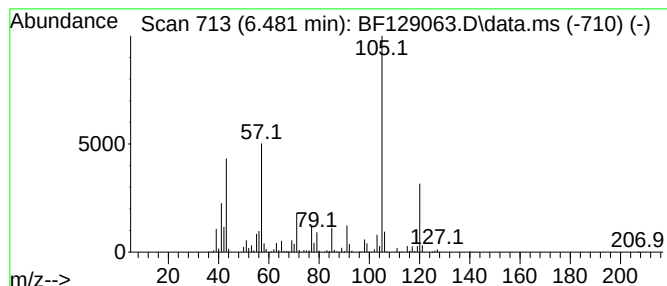
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Benzene, 1-ethyl-3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.481	14.88 ng	2425730	1,4-Dichlorobenzene-d4	6.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3			Mesitylene	120	C9H12	000108-67-8	81
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
Data File : BF129063.D
Acq On : 30 Jun 2022 17:27
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Sample : N3501-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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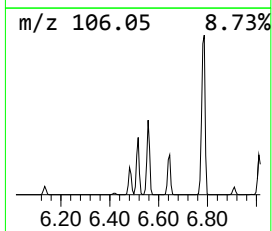
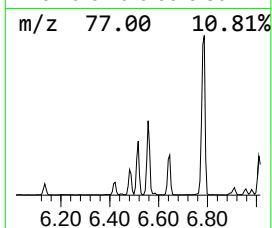
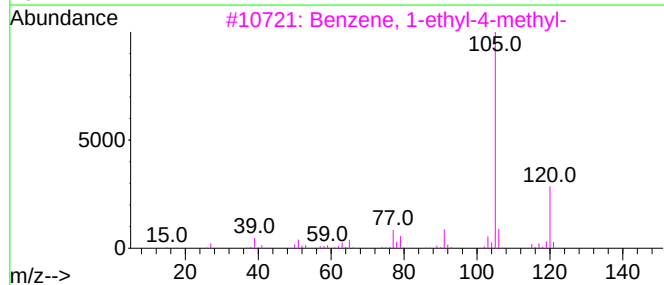
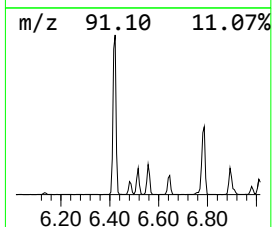
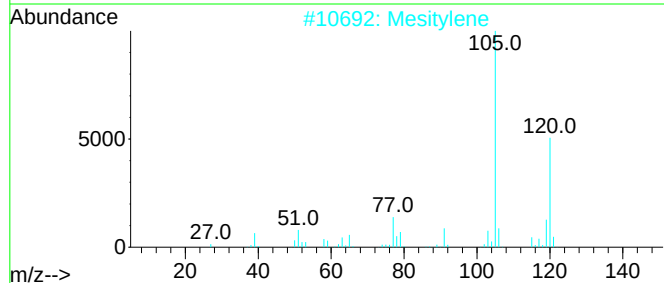
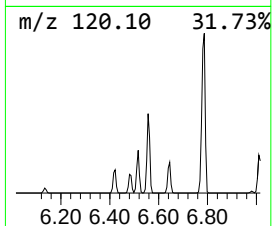
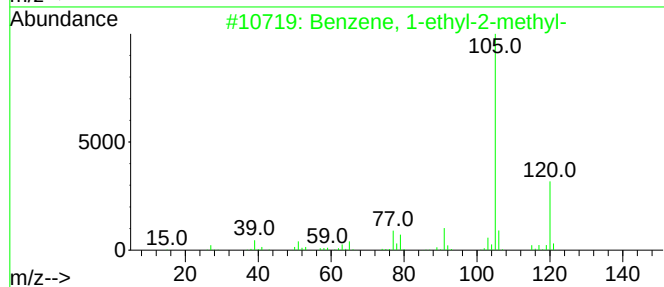
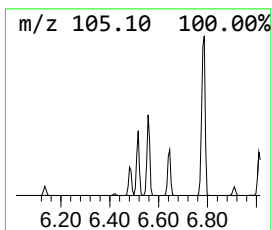
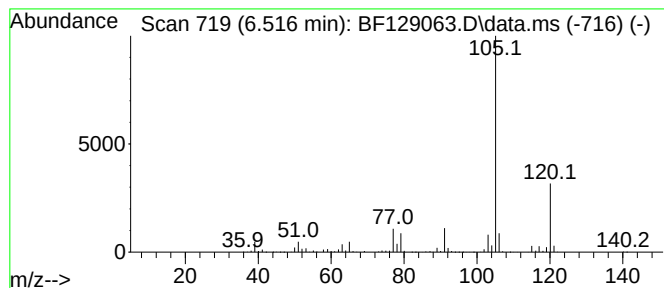
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.516	16.77 ng	2733840	1,4-Dichlorobenzene-d4	6.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Mesitylene	120	C9H12	000108-67-8	91
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
Data File : BF129063.D
Acq On : 30 Jun 2022 17:27
Operator : CG\JU
Sample : N3501-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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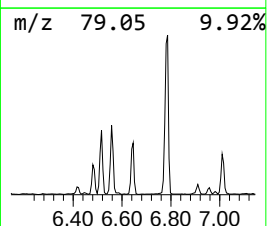
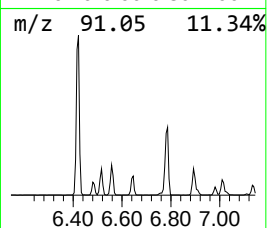
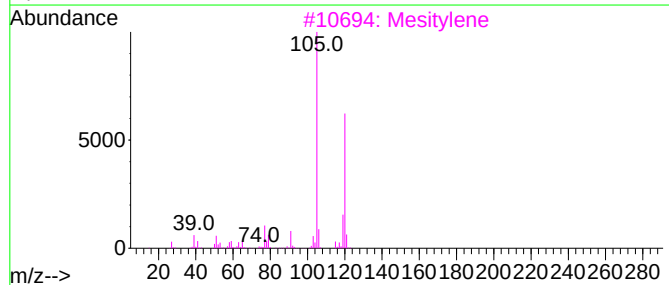
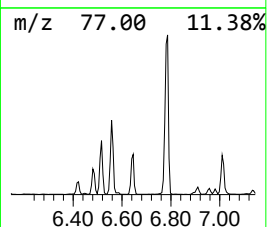
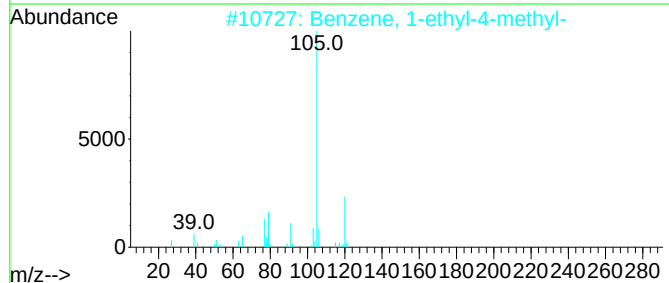
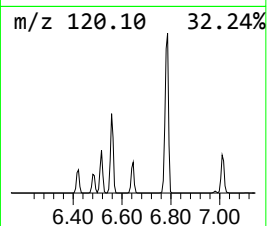
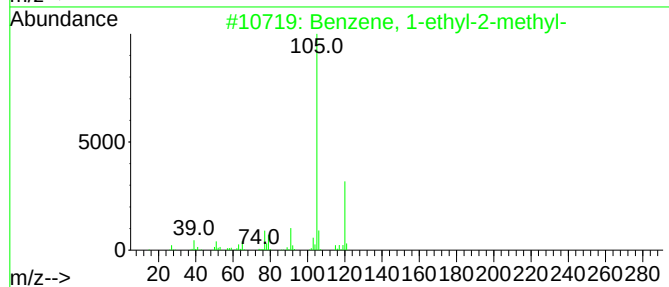
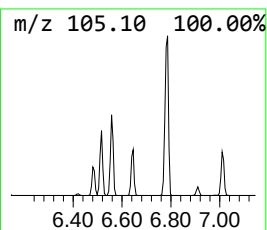
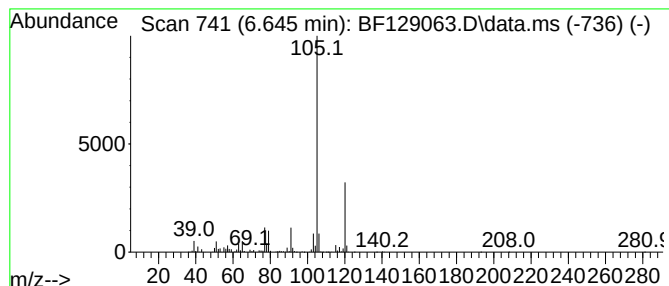
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Benzene, 1-ethyl-4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.645	14.80 ng	2413090	1,4-Dichlorobenzene-d4	6.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
Data File : BF129063.D
Acq On : 30 Jun 2022 17:27
Operator : CG\JU
Sample : N3501-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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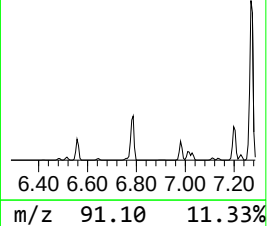
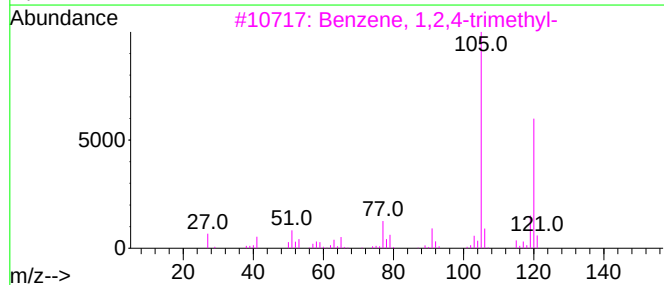
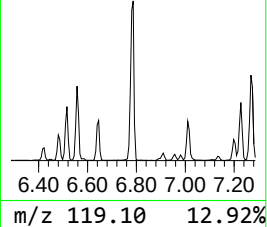
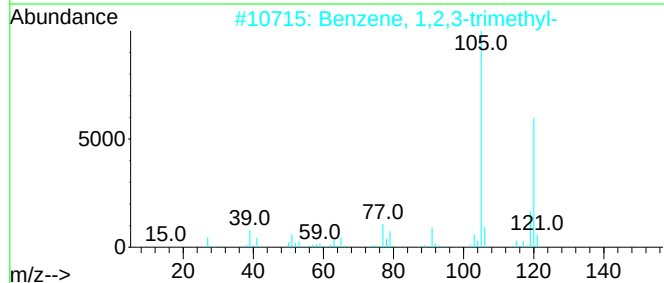
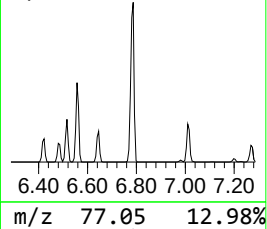
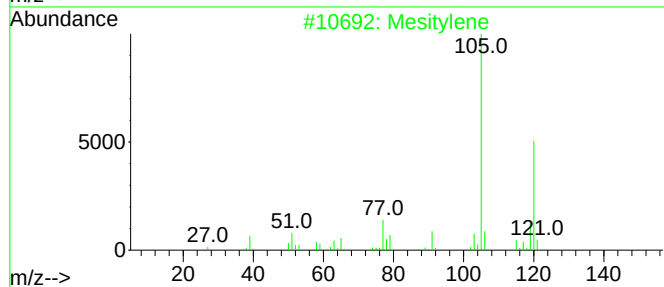
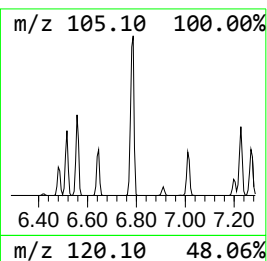
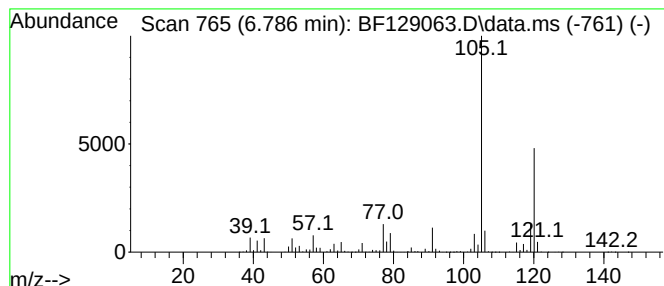
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Mesitylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.786	62.43 ng	10179700	1,4-Dichlorobenzene-d4	6.957

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Mesitylene	120	C9H12	000108-67-8	97
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
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Acq On : 30 Jun 2022 17:27
Operator : CG\JU
Sample : N3501-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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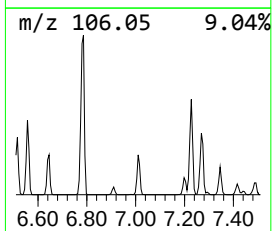
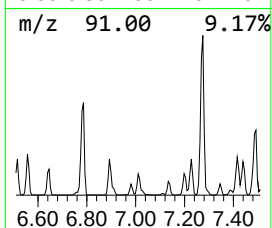
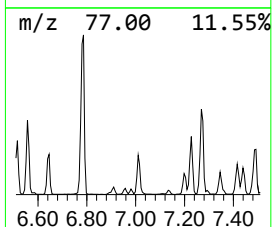
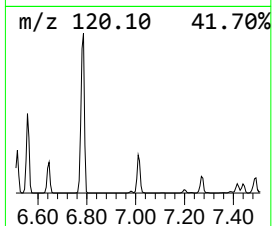
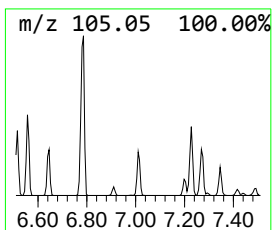
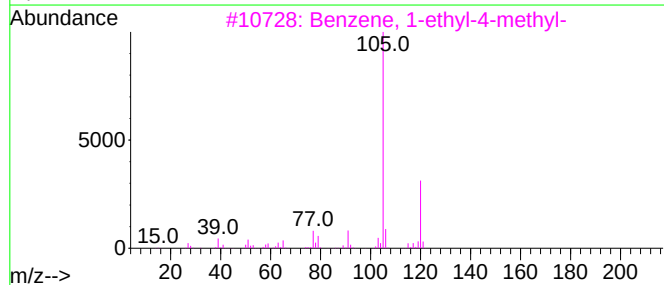
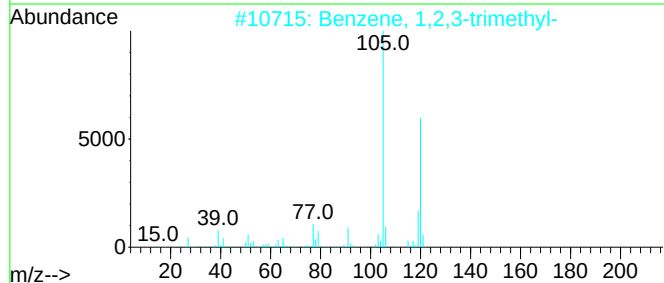
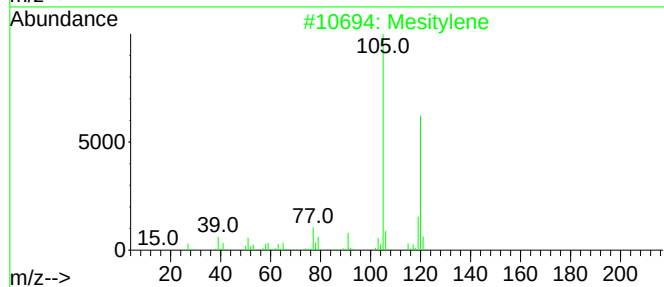
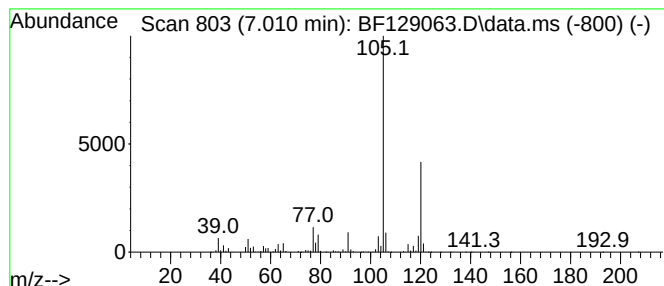
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.010	14.63 ng	2384690	1,4-Dichlorobenzene-d4	6.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	94
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
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Acq On : 30 Jun 2022 17:27
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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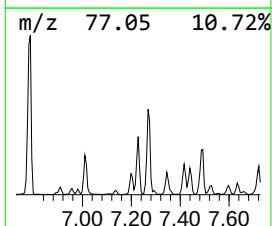
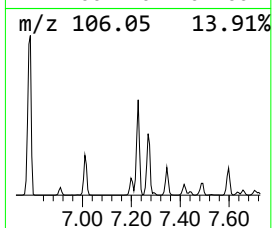
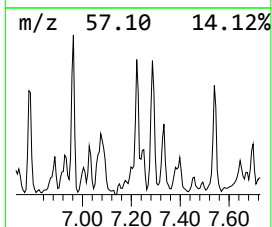
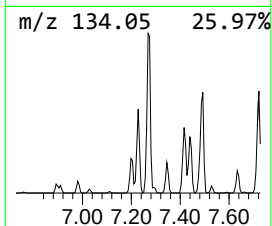
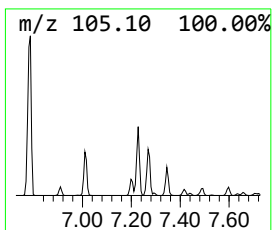
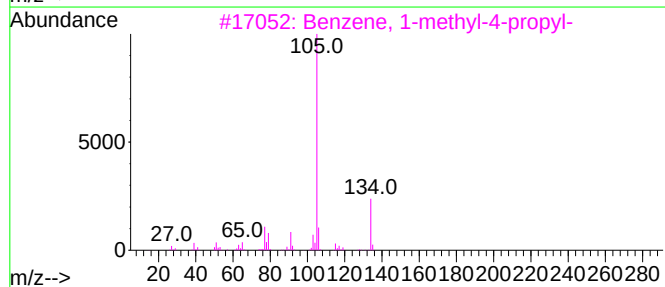
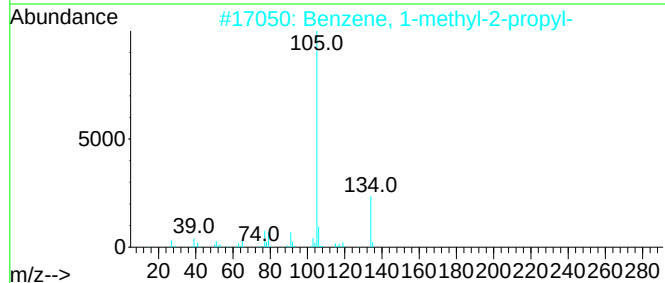
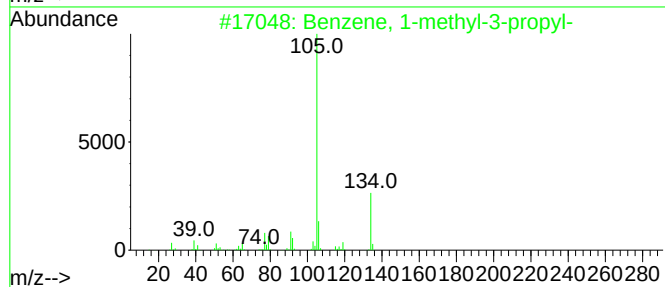
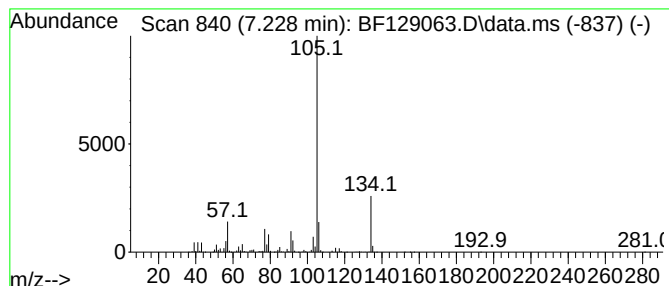
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Benzene, 1-methyl-3-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.228	22.02 ng	3590050	1,4-Dichlorobenzene-d4	6.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
4			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	83
5			2-Tolylloxirane	134	C9H10O	002783-26-8	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
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Misc :
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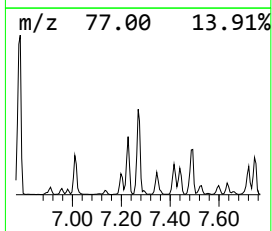
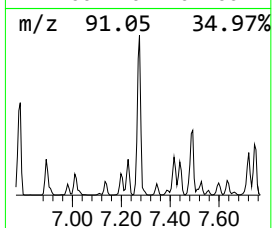
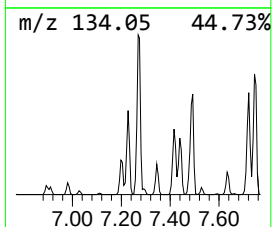
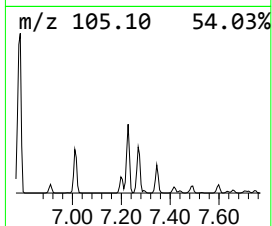
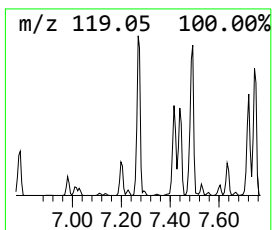
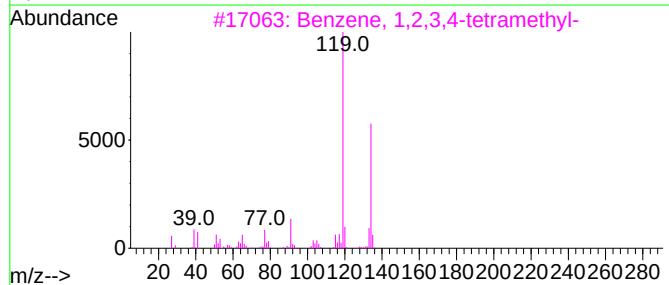
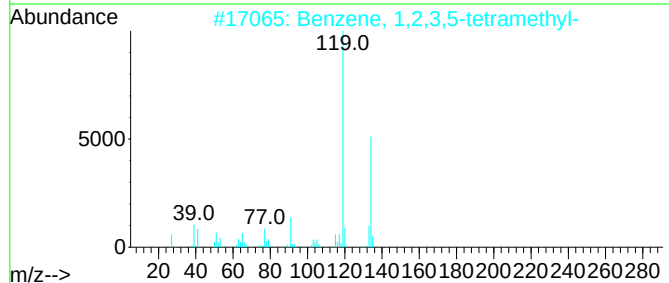
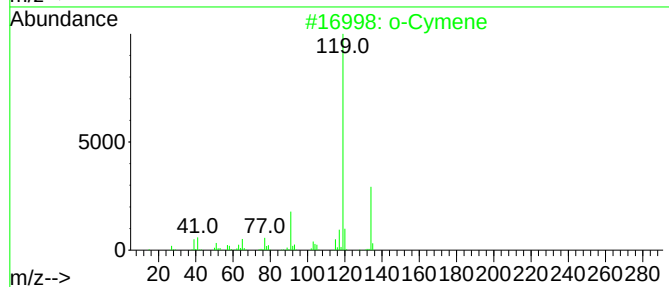
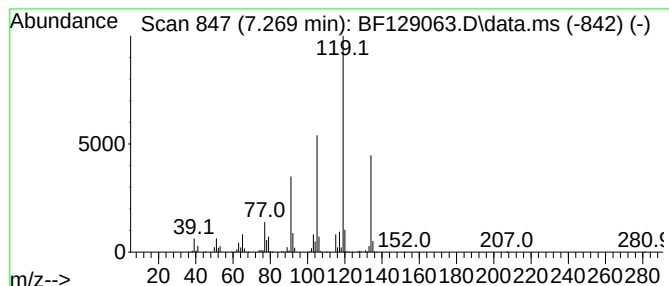
Instrument :
BNA_F
ClientSampleId :
B2208-28

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 o-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD			R.T.
7.269	48.92 ng	7976110	1,4-Dichlorobenzene-d4			6.957
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	o-Cymene		134	C10H14	000527-84-4	93
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-2,4-dimethyl-		134	C10H14	000874-41-9	91
5	Benzene, 2-ethyl-1,3-dimethyl-		134	C10H14	002870-04-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
Data File : BF129063.D
Acq On : 30 Jun 2022 17:27
Operator : CG\JU
Sample : N3501-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B2208-28

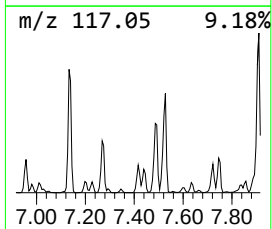
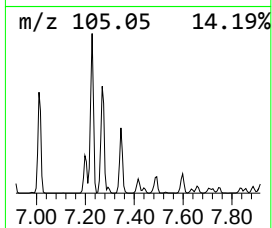
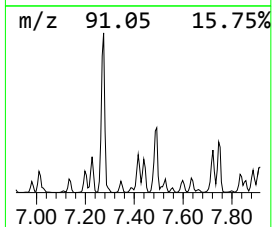
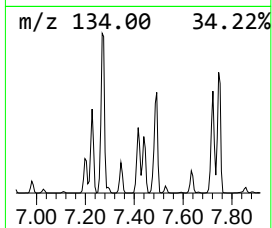
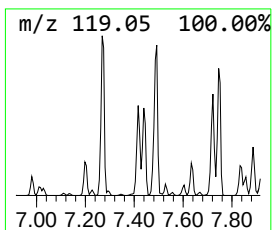
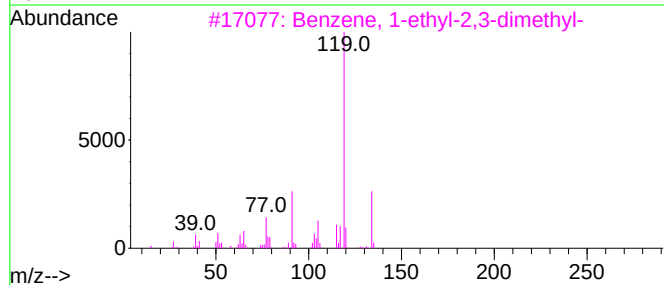
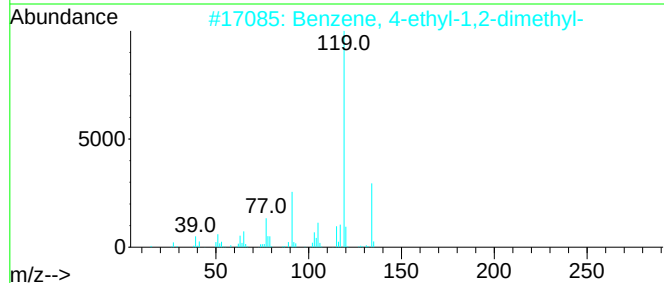
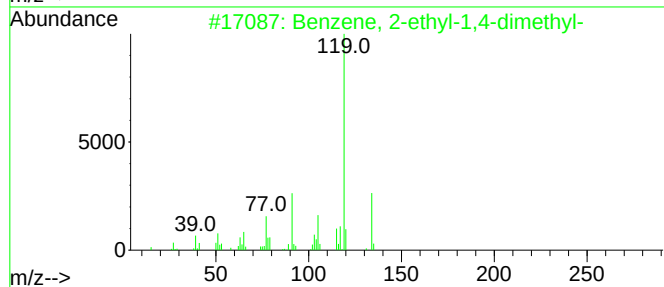
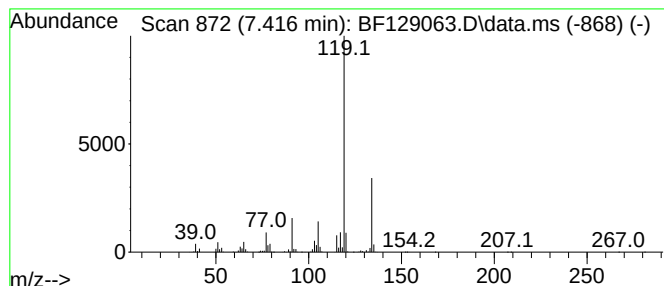
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.416	12.16 ng	1982810	1,4-Dichlorobenzene-d4	6.957

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5		o-Cymene	134	C10H14	000527-84-4	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
Data File : BF129063.D
Acq On : 30 Jun 2022 17:27
Operator : CG\JU
Sample : N3501-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B2208-28

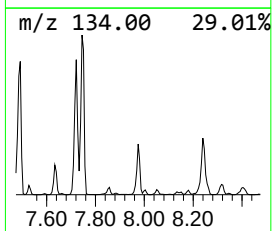
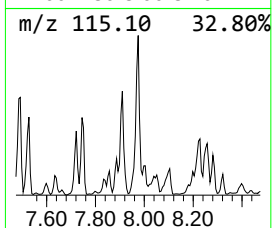
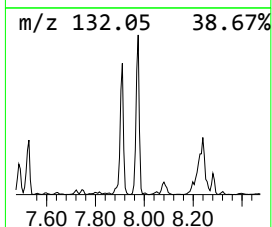
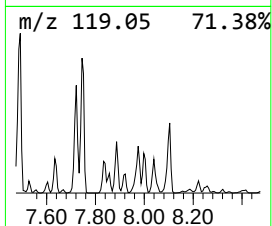
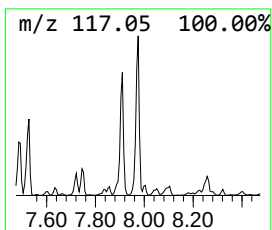
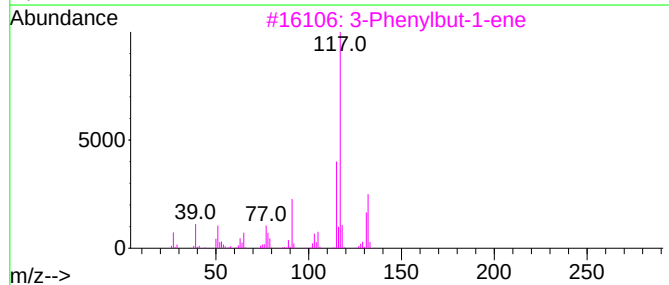
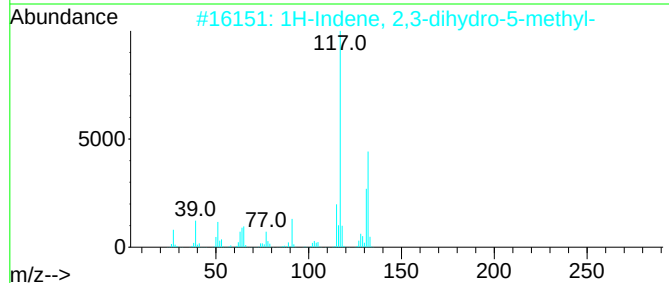
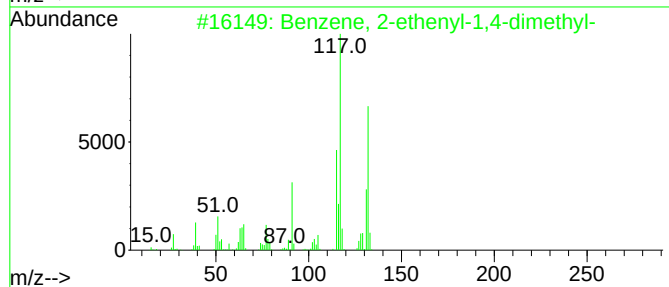
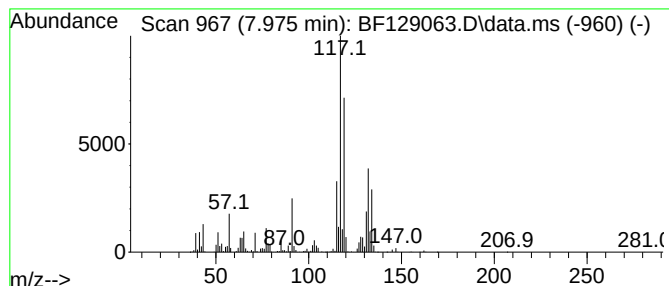
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.975	18.07 ng	5263980	Naphthalene-d8	8.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
5			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
 Data File : BF129063.D
 Acq On : 30 Jun 2022 17:27
 Operator : CG\JU
 Sample : N3501-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2208-28

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.381	26.8	ng	4362980	1	6.957	3260950	20.0
Pentane, 2,2,4-...	2.522	18.0	ng	2927580	1	6.957	3260950	20.0
Pentane, 2,3,4-...	3.810	19.3	ng	3145930	1	6.957	3260950	20.0
Pentane, 2,3,3-...	3.934	14.9	ng	2430240	1	6.957	3260950	20.0
Heptane, 2-methyl-	4.098	14.2	ng	2314780	1	6.957	3260950	20.0
Heptane, 3-methyl-	4.228	11.6	ng	1897860	1	6.957	3260950	20.0
Hexane, 2,2,4-t...	4.363	14.0	ng	2276530	1	6.957	3260950	20.0
o-Xylene	5.822	15.0	ng	2439980	1	6.957	3260950	20.0
Benzene, propyl-	6.422	12.3	ng	1997670	1	6.957	3260950	20.0
Octane, 2,4,6-t...	6.445	15.3	ng	2490450	1	6.957	3260950	20.0
Benzene, 1-ethy...	6.481	14.9	ng	2425730	1	6.957	3260950	20.0
Benzene, 1-ethy...	6.516	16.8	ng	2733840	1	6.957	3260950	20.0
Benzene, 1-ethy...	6.645	14.8	ng	2413090	1	6.957	3260950	20.0
Mesitylene	6.786	62.4	ng	10179700	1	6.957	3260950	20.0
Benzene, 1,2,3-...	7.010	14.6	ng	2384690	1	6.957	3260950	20.0
Benzene, 1-meth...	7.228	22.0	ng	3590050	1	6.957	3260950	20.0
o-Cymene	7.269	48.9	ng	7976110	1	6.957	3260950	20.0
Benzene, 2-ethy...	7.416	12.2	ng	1982810	1	6.957	3260950	20.0
Benzene, 2-ethe...	7.975	18.1	ng	5263980	2	8.239	5827590	20.0