

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091520\
 Data File : BF121586.D
 Acq On : 15 Sep 2020 19:33
 Operator : JU/CG
 Sample : L4005-03 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 32-34

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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-BF091020.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.451	569	572	581	rVB	784096	760039	36.55%	1.383%
2	6.081	676	679	682	rBV2	167837	170217	8.19%	0.310%
3	6.140	686	689	691	rBV	141349	119836	5.76%	0.218%
4	6.269	706	711	714	rBV2	153849	195399	9.40%	0.356%
5	6.369	724	728	734	rBV2	368805	509747	24.52%	0.927%
6	6.422	734	737	740	rBV2	116422	113012	5.44%	0.206%
7	6.469	741	745	749	rBV	776468	874878	42.08%	1.592%
8	6.575	759	763	767	rBV4	181561	372250	17.90%	0.677%
9	6.669	775	779	782	rBV2	622020	584287	28.10%	1.063%
10	6.834	803	807	814	rVB2	1761577	1954471	94.00%	3.556%
11	6.892	814	817	820	rVB3	214009	203414	9.78%	0.370%
12	6.928	820	823	825	rBV3	208923	248714	11.96%	0.453%
13	6.951	825	827	829	rVB2	170888	129013	6.20%	0.235%
14	6.981	829	832	836	rVB	458967	387036	18.61%	0.704%
15	7.016	836	838	840	rVB	249869	176680	8.50%	0.321%
16	7.063	844	846	848	rBV2	219802	202551	9.74%	0.369%
17	7.110	848	854	857	rVB2	617361	764694	36.78%	1.391%
18	7.139	857	859	862	rBV3	288278	281982	13.56%	0.513%
19	7.175	862	865	868	rBV2	288813	272438	13.10%	0.496%
20	7.228	868	874	877	rBV3	507298	691056	33.23%	1.257%
21	7.257	877	879	885	rVB5	212015	291804	14.03%	0.531%
22	7.310	885	888	891	rBV4	127390	169193	8.14%	0.308%
23	7.357	892	896	900	rBV3	473319	847114	40.74%	1.541%
24	7.392	900	902	904	rVB	478692	357962	17.22%	0.651%
25	7.434	906	909	912	rVB	1315829	1176473	56.58%	2.140%
26	7.481	912	917	920	rVB4	594086	885706	42.60%	1.611%
27	7.545	920	928	933	rBV6	390319	1149756	55.29%	2.092%
28	7.587	933	935	938	rVB2	160402	136205	6.55%	0.248%
29	7.616	938	940	942	rBV	474204	405468	19.50%	0.738%
30	7.639	942	944	947	rVB2	574492	480449	23.11%	0.874%
31	7.722	955	958	959	rBV2	192796	184834	8.89%	0.336%
32	7.739	959	961	962	rBV	252865	181685	8.74%	0.331%
33	7.757	962	964	968	rVB4	636333	604644	29.08%	1.100%
34	7.804	968	972	974	rBV2	349087	396402	19.06%	0.721%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.834	974	977	979	rBV2	454341	392687	18.89%	0.714%
36	7.869	979	983	987	rVB5	412088	602627	28.98%	1.096%
37	7.910	988	990	992	rBV	223061	166807	8.02%	0.303%
38	7.939	992	995	1000	rVB5	372128	506202	24.34%	0.921%
39	7.998	1000	1005	1007	rBV2	435968	560851	26.97%	1.020%
40	8.022	1007	1009	1011	rBV2	228248	166525	8.01%	0.303%
41	8.057	1013	1015	1016	rBV	217823	181206	8.71%	0.330%
42	8.104	1020	1023	1024	rVV	1643461	1680267	80.81%	3.057%
43	8.116	1024	1025	1028	rVB	1907828	1325104	63.73%	2.411%
44	8.181	1032	1036	1038	rVB	1334983	1257719	60.49%	2.288%
45	8.210	1038	1041	1048	rVB7	466986	788990	37.94%	1.435%
46	8.275	1048	1052	1053	rBV4	271294	353865	17.02%	0.644%
47	8.292	1053	1055	1057	rBV2	186022	142698	6.86%	0.260%
48	8.322	1057	1060	1063	rVB3	511532	512387	24.64%	0.932%
49	8.345	1063	1064	1068	rVB3	139998	135607	6.52%	0.247%
50	8.410	1070	1075	1077	rBV4	659776	831635	40.00%	1.513%
51	8.463	1082	1084	1087	rBV4	440150	413056	19.86%	0.752%
52	8.498	1087	1090	1093	rVB3	481512	547433	26.33%	0.996%
53	8.539	1094	1097	1099	rBV	1373923	1210745	58.23%	2.203%
54	8.563	1099	1101	1103	rVV	450120	361400	17.38%	0.658%
55	8.581	1103	1104	1107	rVB3	326719	203093	9.77%	0.370%
56	8.622	1108	1111	1114	rVB2	413770	338411	16.28%	0.616%
57	8.663	1114	1118	1120	rBV4	485967	566403	27.24%	1.031%
58	8.710	1123	1126	1130	rBV	1642175	1313487	63.17%	2.390%
59	8.804	1139	1142	1146	rVB3	654702	835901	40.20%	1.521%
60	8.898	1155	1158	1161	rBV4	230616	388104	18.66%	0.706%
61	8.939	1163	1165	1168	rVV	489717	396106	19.05%	0.721%
62	8.992	1172	1174	1178	rBV4	377486	499988	24.05%	0.910%
63	9.028	1178	1180	1183	rVB2	297260	327051	15.73%	0.595%
64	9.116	1192	1195	1196	rBV	306342	237540	11.42%	0.432%
65	9.139	1196	1199	1204	rVB	1457322	1237111	59.50%	2.251%
66	9.192	1205	1208	1210	rVB	1117361	921359	44.31%	1.676%
67	9.233	1213	1215	1217	rVB2	204010	151437	7.28%	0.276%
68	9.275	1218	1222	1226	rBV	1760248	1745757	83.96%	3.176%
69	9.392	1239	1242	1244	rBV3	175699	136261	6.55%	0.248%
70	9.551	1267	1269	1271	rVB2	306232	245405	11.80%	0.446%
71	9.592	1271	1276	1278	rVV3	1210207	1406892	67.66%	2.560%

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72	9.616	1278	1280	1283	rVV2	413589	425652	20.47%	0.774%
73	9.651	1283	1286	1288	rVB	368451	291763	14.03%	0.531%
74	9.780	1306	1308	1309	rBV	160055	129583	6.23%	0.236%
75	9.804	1309	1312	1316	rVB	1070193	930100	44.73%	1.692%
76	9.869	1316	1323	1326	rVB	2000088	2079322	100.00%	3.783%
77	9.975	1339	1341	1346	rVB2	153683	151945	7.31%	0.276%
78	10.028	1348	1350	1354	rBV3	137380	212566	10.22%	0.387%
79	10.122	1363	1366	1370	rBV3	311328	386980	18.61%	0.704%
80	10.186	1375	1377	1384	rBV6	107533	204129	9.82%	0.371%
81	10.298	1394	1396	1399	rVB	741113	574870	27.65%	1.046%
82	10.522	1430	1434	1440	rVB	484259	555112	26.70%	1.010%
83	10.569	1440	1442	1446	rVB3	110987	112279	5.40%	0.204%
84	10.657	1452	1457	1460	rVB2	524361	534689	25.71%	0.973%
85	10.775	1474	1477	1478	rBV	477072	470764	22.64%	0.857%
86	11.222	1550	1553	1555	rVV	213742	173752	8.36%	0.316%
87	11.251	1555	1558	1564	rVB	282349	291818	14.03%	0.531%
88	11.357	1572	1576	1578	rBV	1808353	1721537	82.79%	3.132%
89	11.374	1578	1579	1583	rVV	540646	388308	18.67%	0.706%
90	11.645	1622	1625	1629	rVB	153705	121979	5.87%	0.222%
91	11.880	1662	1665	1669	rVV2	177905	161780	7.78%	0.294%
92	12.439	1756	1760	1765	rVV4	109136	155553	7.48%	0.283%
93	12.563	1778	1781	1785	rVB	702119	546888	26.30%	0.995%
94	12.792	1815	1820	1822	rBV	640144	606079	29.15%	1.103%
95	12.933	1841	1844	1852	rVB	982904	856020	41.17%	1.557%
96	13.992	2019	2024	2026	rBV2	1286484	1444843	69.49%	2.629%
97	14.015	2026	2028	2030	rVB	235142	177090	8.52%	0.322%
98	15.027	2197	2200	2203	rBV	212890	295929	14.23%	0.538%
99	15.451	2268	2272	2275	rBV	954549	1108555	53.31%	2.017%
100	16.151	2388	2391	2400	rVB	315125	485915	23.37%	0.884%

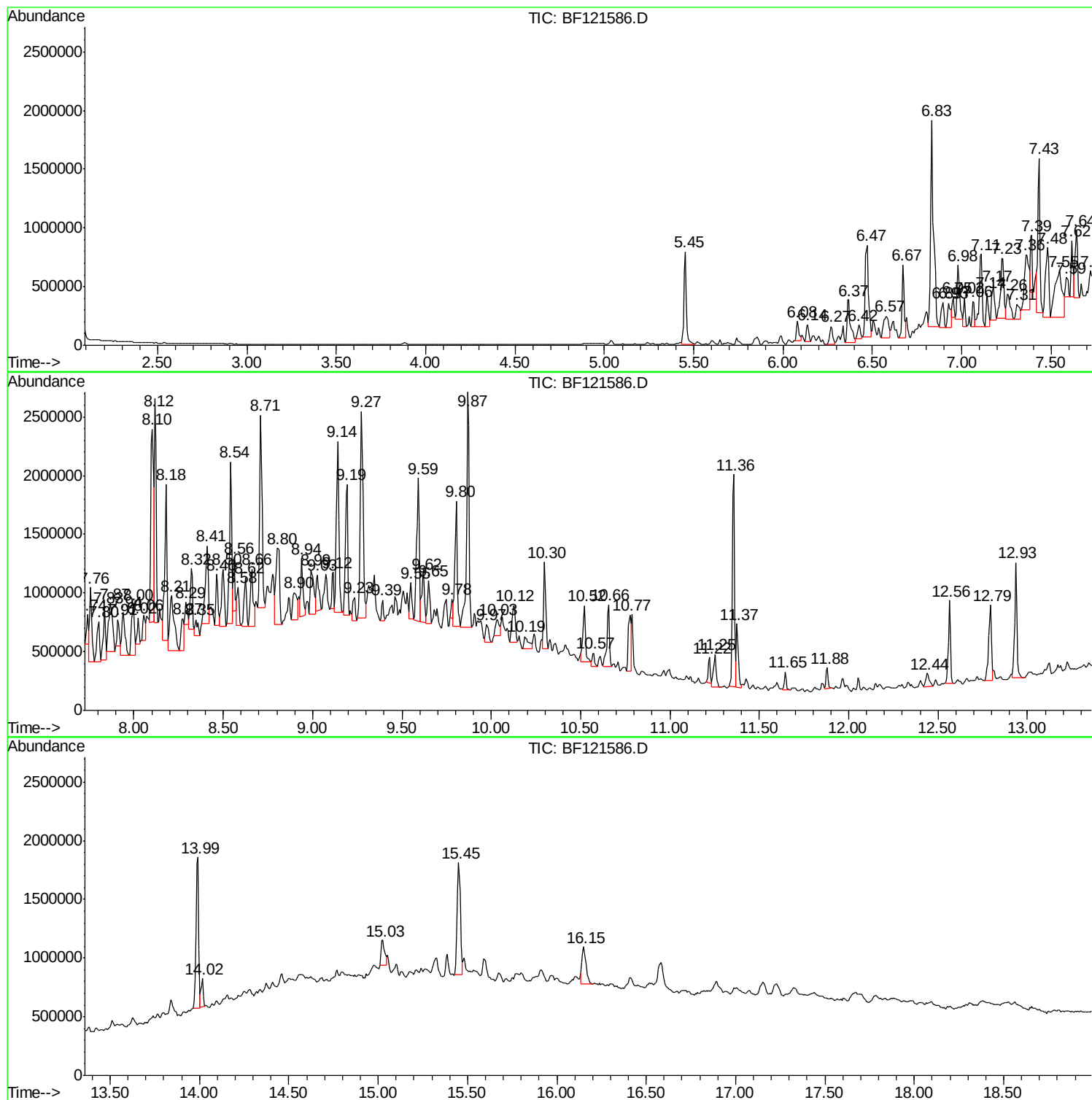
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Instrument :
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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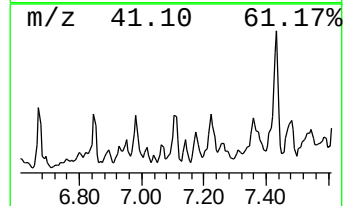
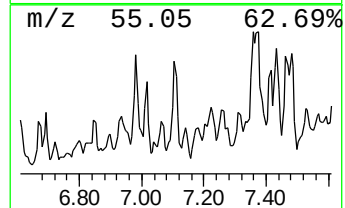
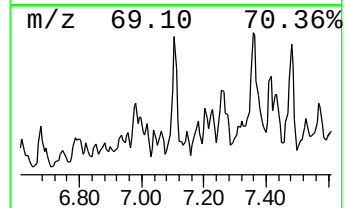
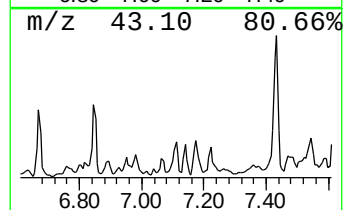
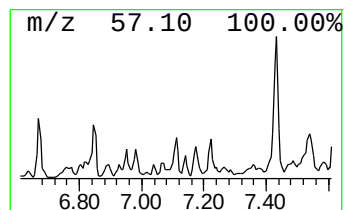
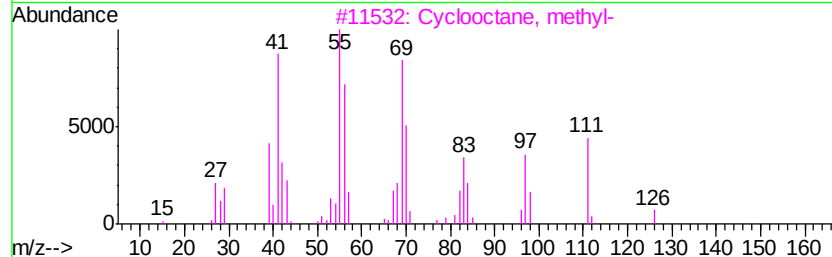
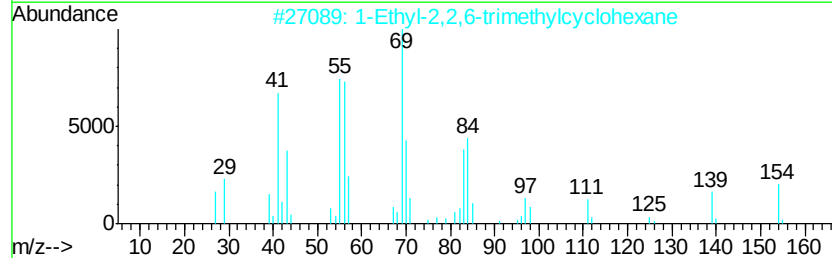
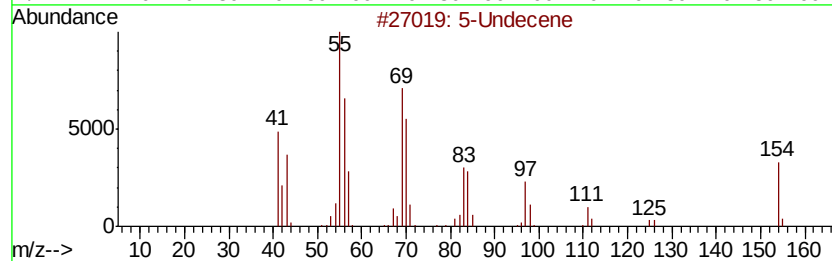
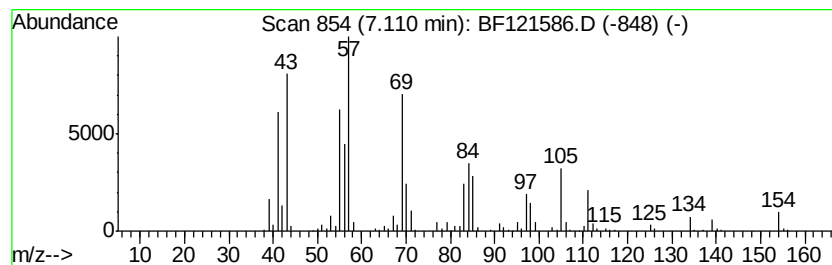
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 5-Undecene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.11	7.83 ng	764694	1,4-Dichlorobenzene-d4	6.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Undecene	154	C11H22	004941-53-1	53
2	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	52
3	Cyclooctane, methyl-	126	C9H18	001502-38-1	52
4	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	52
5	Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	47



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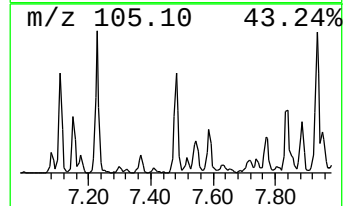
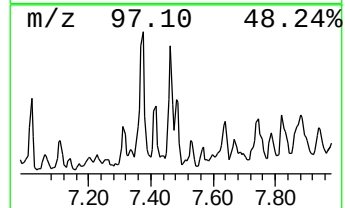
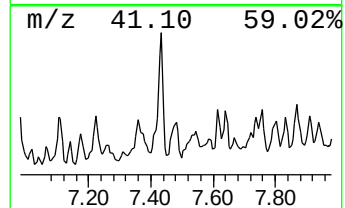
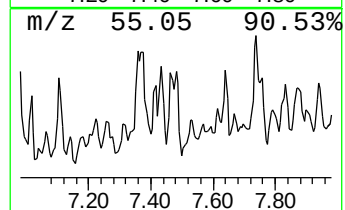
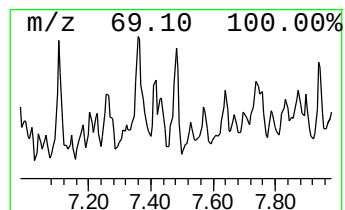
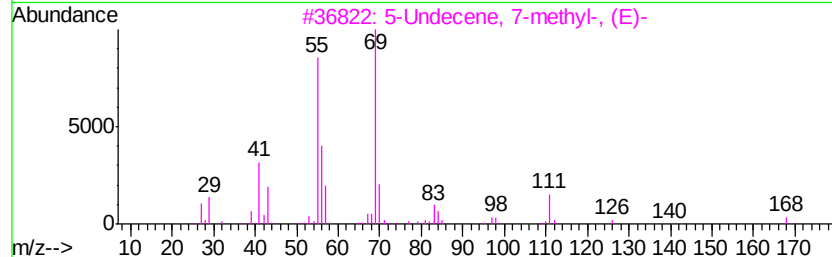
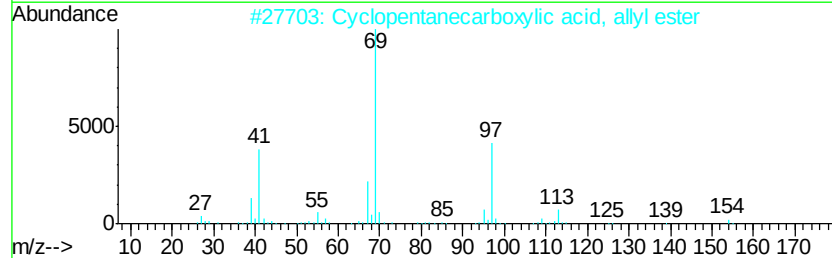
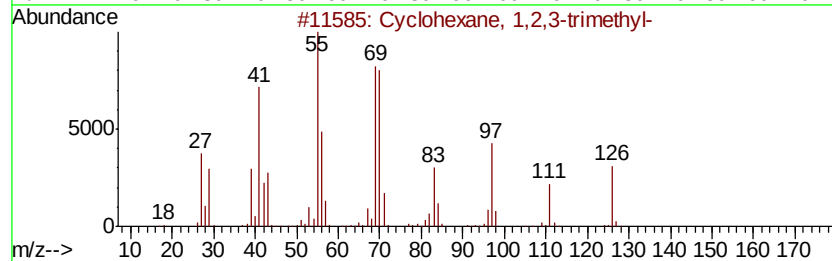
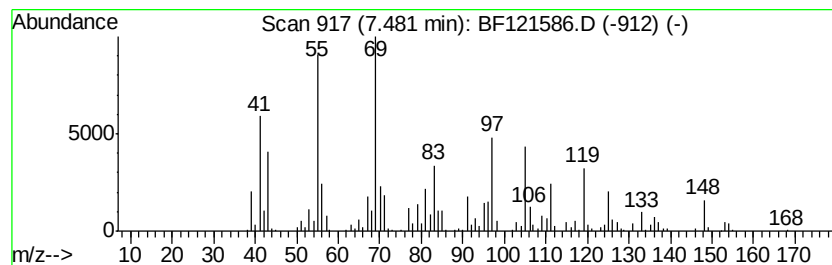
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexane, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	13.37 ng	885706	Naphthalene-d8	8.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1,2,3-trimethyl-	126 C9H18	001678-97-3 50
2		Cyclopentanecarboxylic acid, all...	154 C9H14O2	178905-33-4 43
3		5-Undecene, 7-methyl-, (E)-	168 C12H24	074630-66-3 35
4		Cyclohexane, 1,1,2-trimethyl-	126 C9H18	007094-26-0 30
5		2,6,10-Dodecatrinal, 3,7,11-tri...	220 C15H24O	019317-11-4 27



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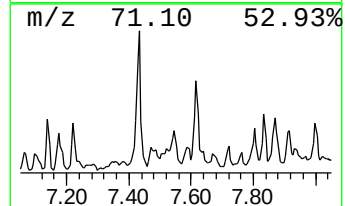
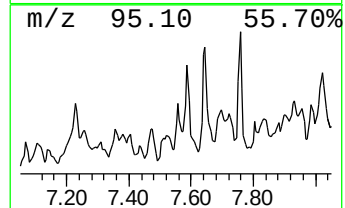
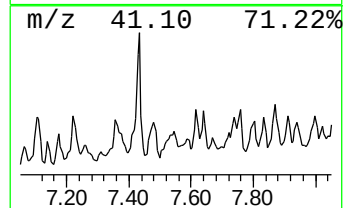
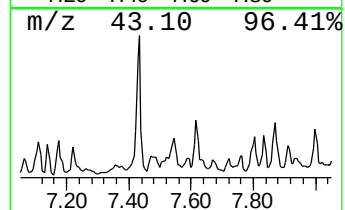
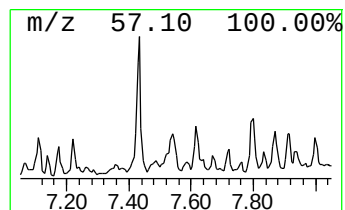
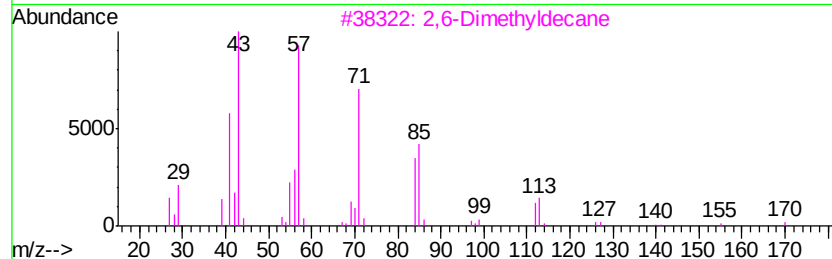
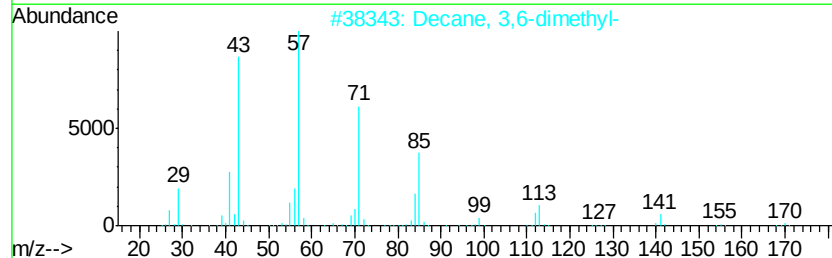
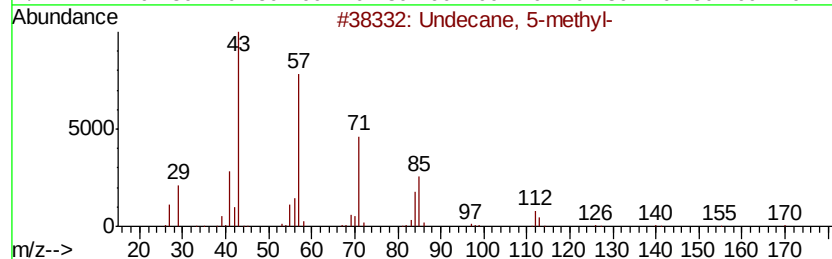
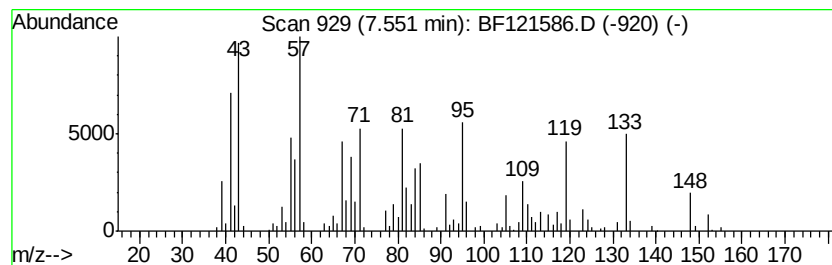
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Undecane, 5-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	17.35 ng	1149760	Napthalene-d8	8.12

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-		170	C12H26	001632-70-8	70
2	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	70
3	2,6-Dimethyldecane		170	C12H26	013150-81-7	53
4	Octane, 3,4,5,6-tetramethyl-		170	C12H26	062185-21-1	52
5	Octane, 4-methyl-		128	C9H20	002216-34-4	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121586.D
Acq On : 15 Sep 2020 19:33
Operator : JU/CG
Sample : L4005-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
32-34

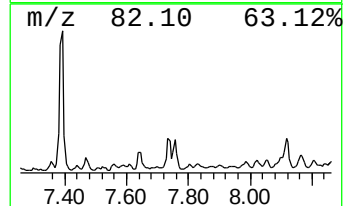
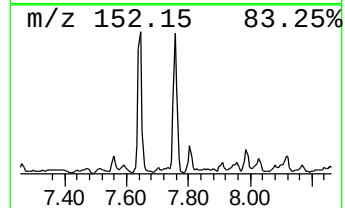
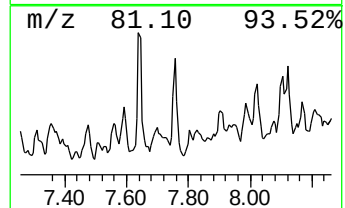
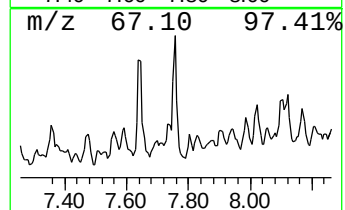
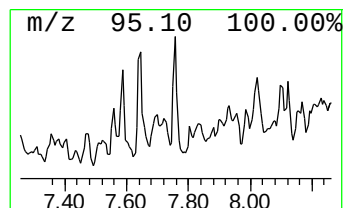
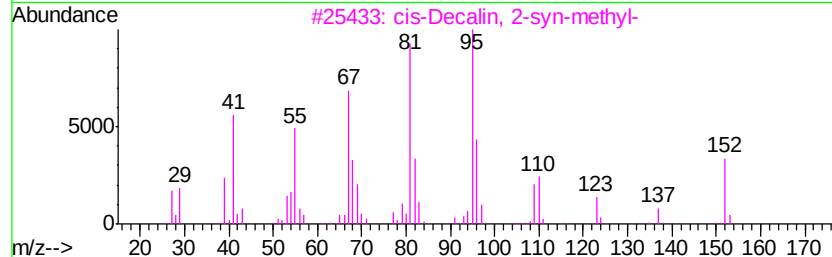
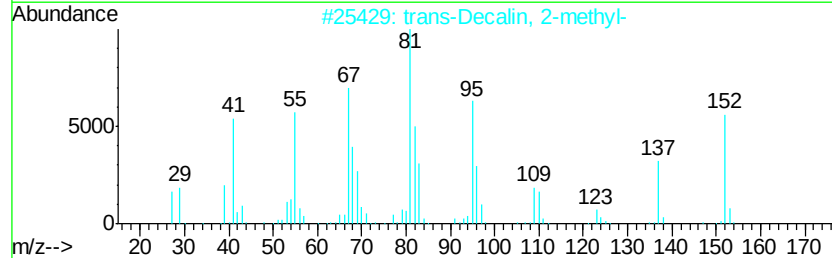
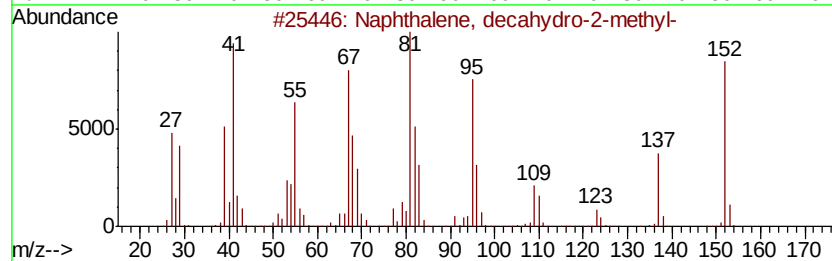
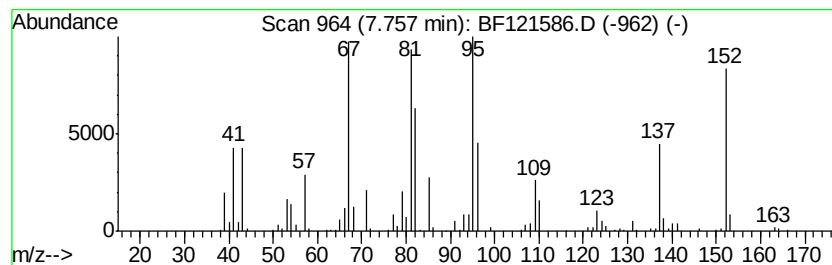
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, decahydro-2-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	9.13 ng	604644	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
3		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	72
4		Cyclohexanone, 2-(2-methylpropyl...)	152	C10H16O	043108-69-6	49
5		Spiro[5.5]undecane	152	C11H20	000180-43-8	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121586.D
Acq On : 15 Sep 2020 19:33
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Sample : L4005-03 5X
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ClientSampleId :
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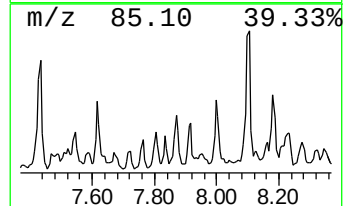
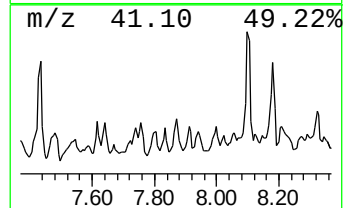
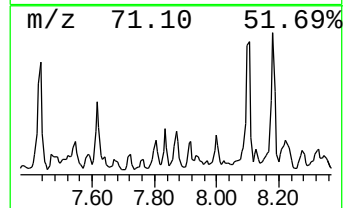
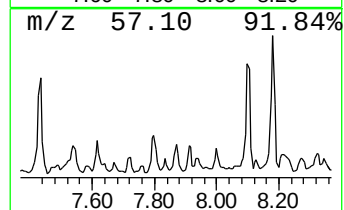
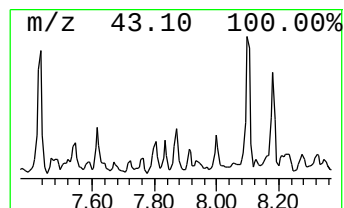
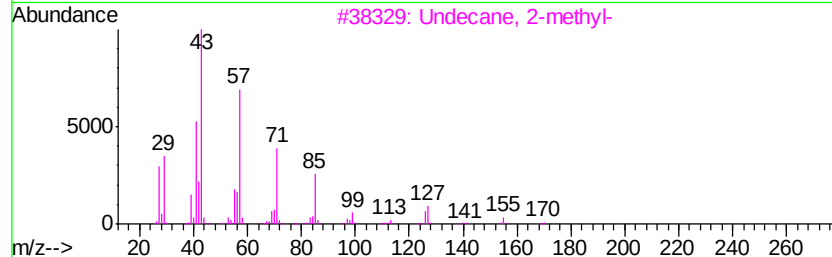
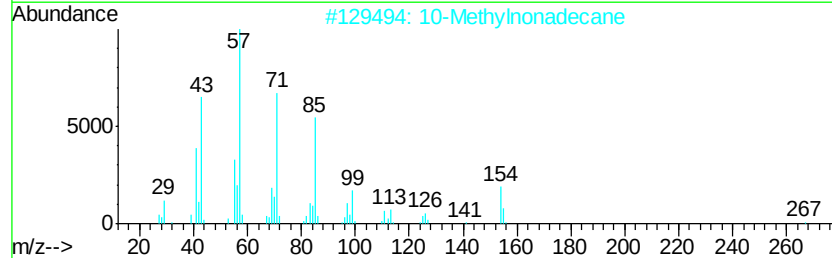
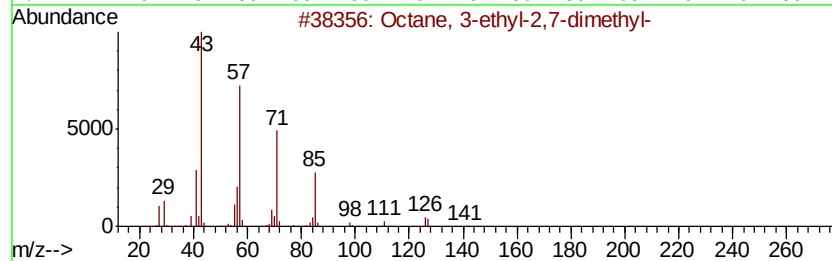
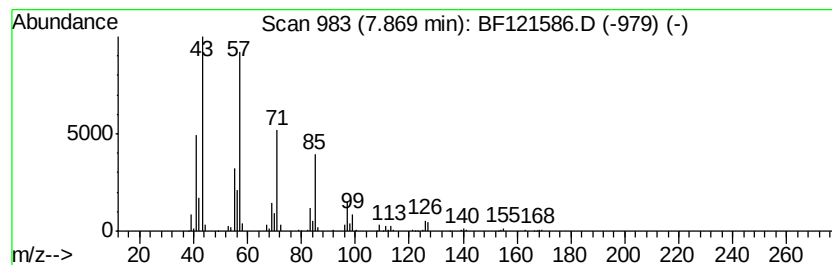
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octane, 3-ethyl-2,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	9.10 ng	602627	Naphthalene-d8	8.12

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	80
2		10-Methylnonadecane	282	C20H42	056862-62-5	80
3		Undecane, 2-methyl-	170	C12H26	007045-71-8	78
4		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121586.D
Acq On : 15 Sep 2020 19:33
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Sample : L4005-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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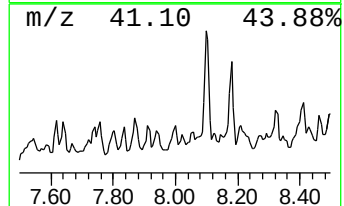
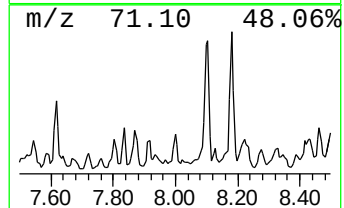
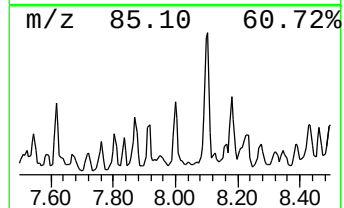
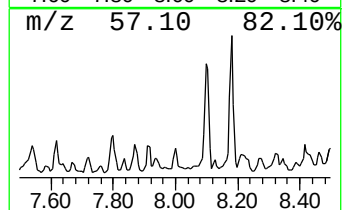
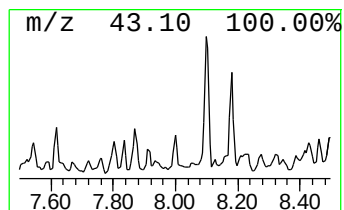
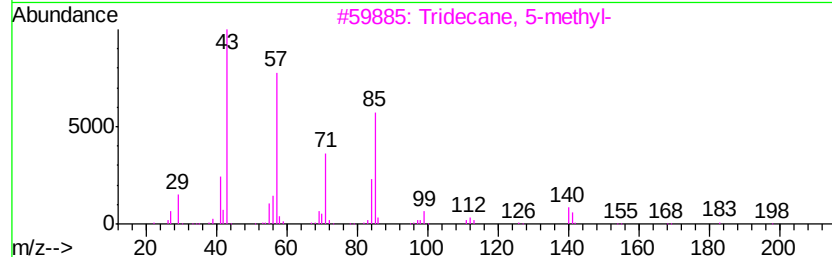
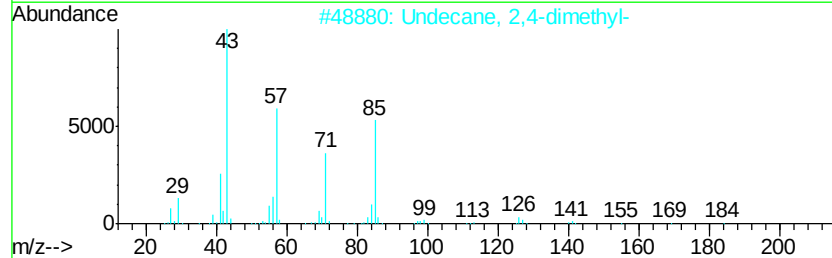
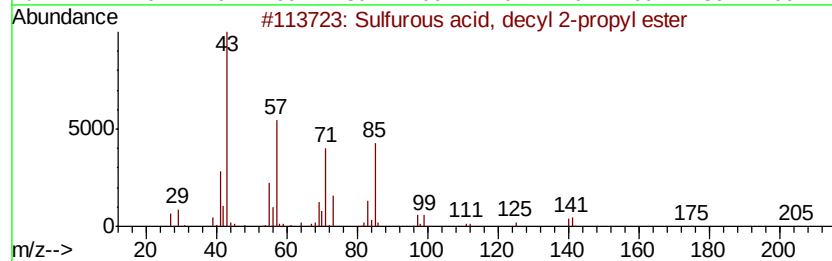
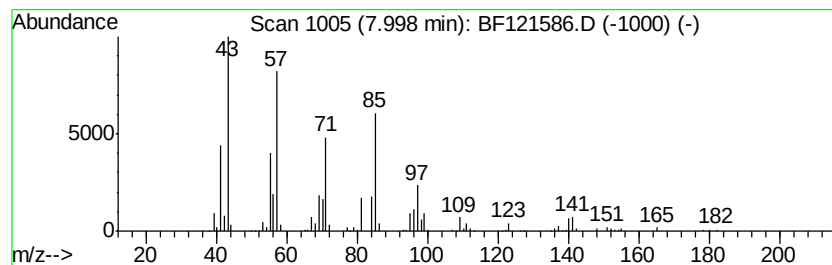
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Sulfurous acid, decyl 2-pro... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	8.47 ng	560851	Napthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	59
2		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	53
3		Tridecane, 5-methyl-	198	C14H30	025117-31-1	50
4		Decane, 3-ethyl-3-methyl-	184	C13H28	017312-66-2	50
5		Hexatriacontane	507	C36H74	000630-06-8	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121586.D
Acq On : 15 Sep 2020 19:33
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Sample : L4005-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
32-34

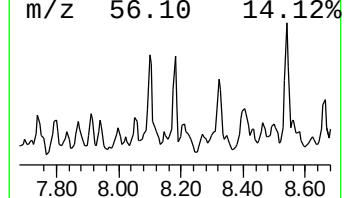
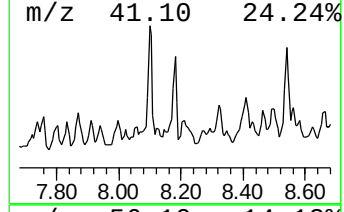
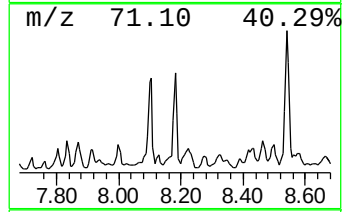
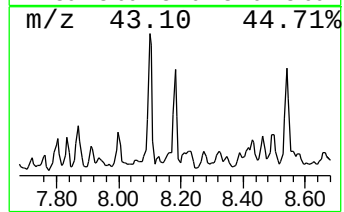
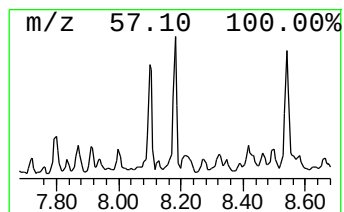
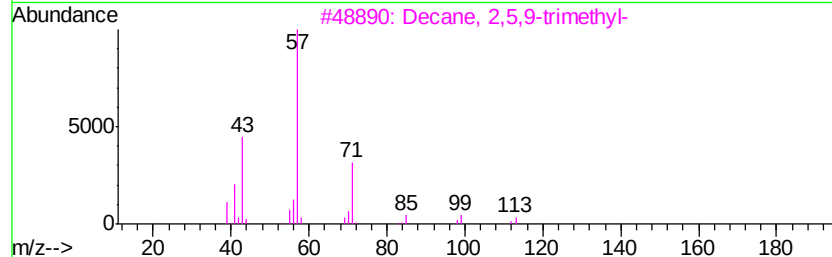
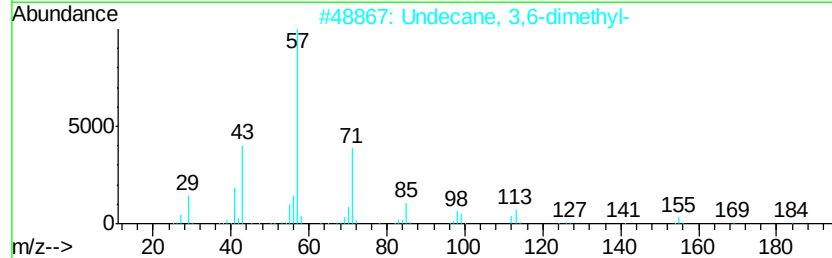
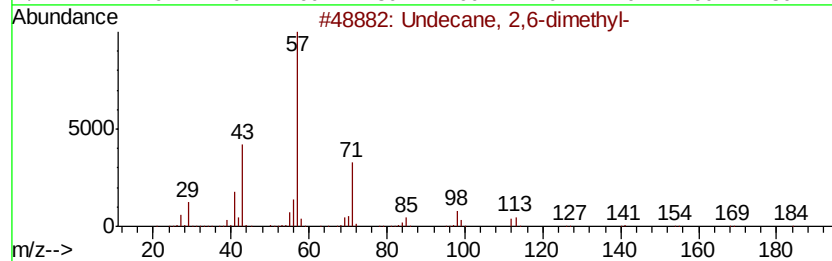
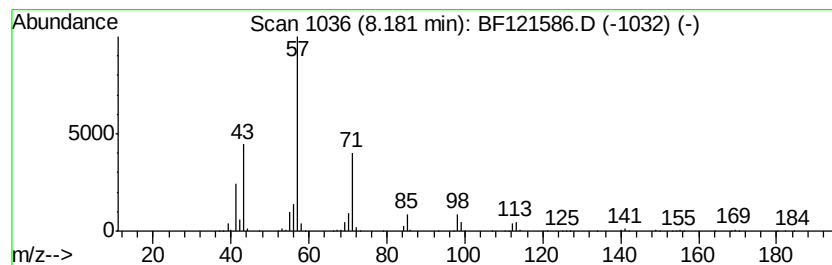
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	18.98 ng	1257720	Napthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78
3		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	78
4		Dodecane, 6-methyl-	184	C13H28	006044-71-9	78
5		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121586.D
Acq On : 15 Sep 2020 19:33
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Sample : L4005-03 5X
Misc :
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Instrument :
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ClientSampled :
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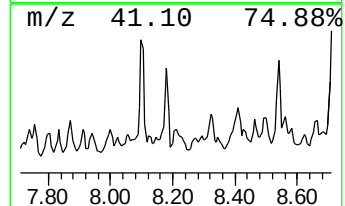
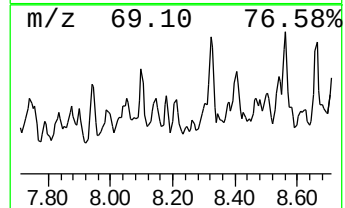
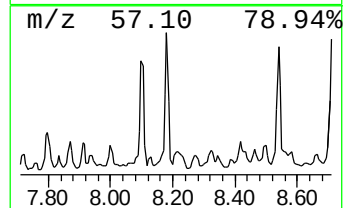
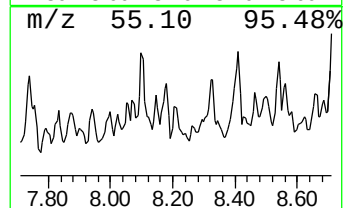
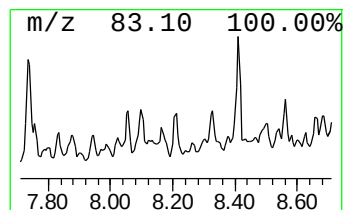
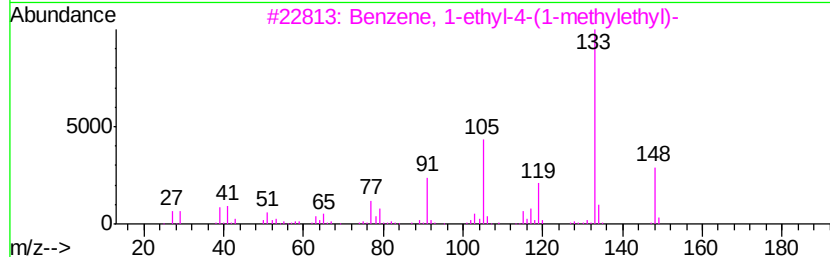
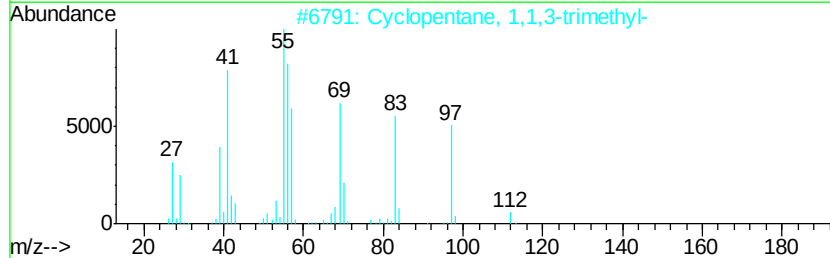
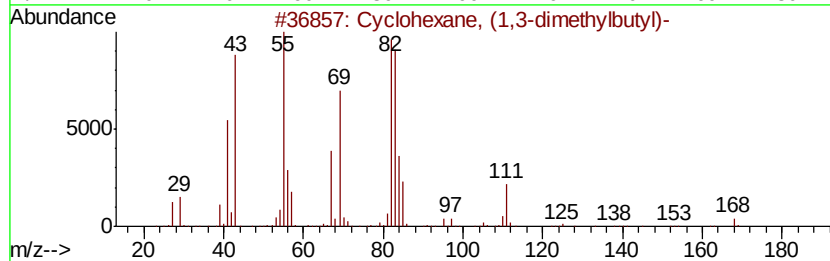
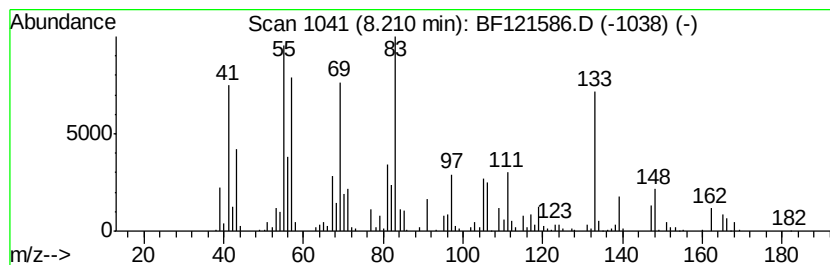
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown8.21 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	11.91 ng	788990	Napthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (1,3-dimethylbutyl)-	168	C12H24	061142-19-6	49
2		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	25
3		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	25
4		1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	20
5		Crotyl methacrylate	140	C8H12O2	007376-45-6	20



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
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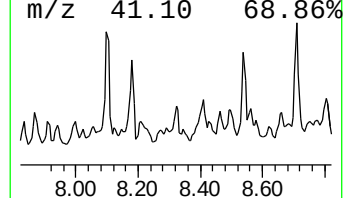
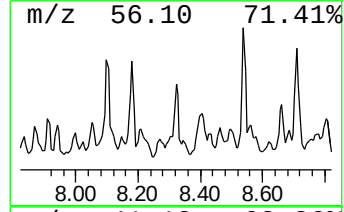
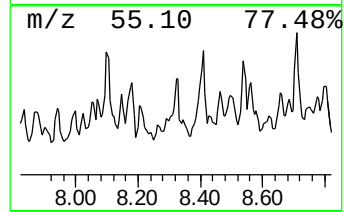
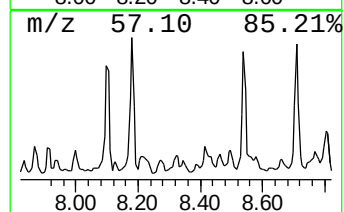
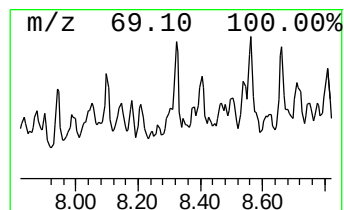
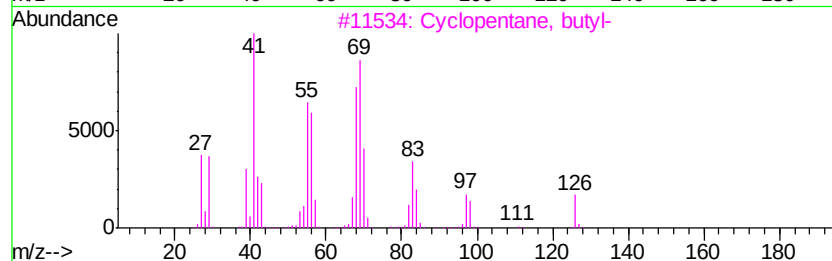
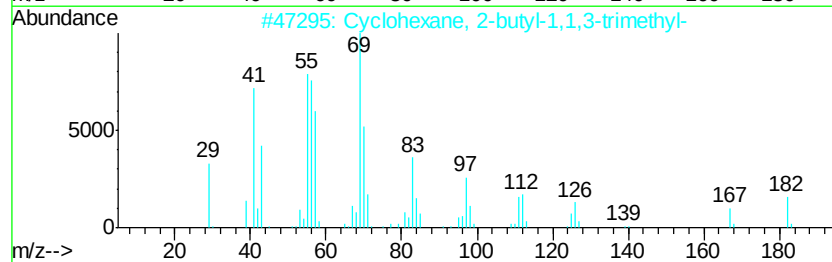
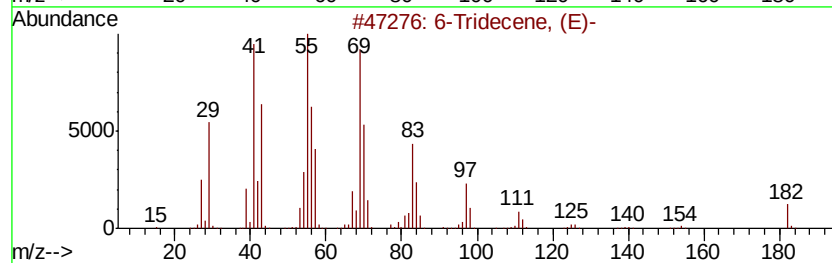
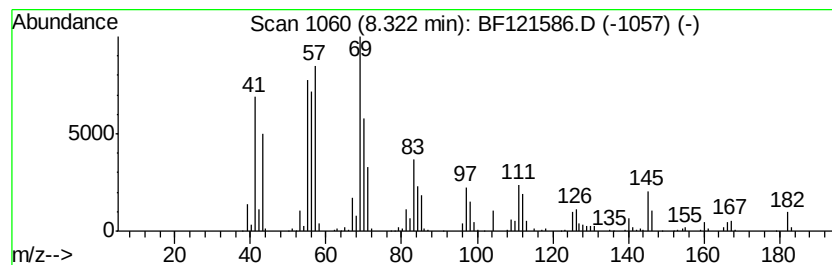
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 6-Tridecene, (E)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	7.73 ng	512387	Naphthalene-d8	8.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	6-Tridecene, (E)-	182 C13H26	006434-76-0	90
2	Cyclohexane, 2-butyl-1,1,3-trime...	182 C13H26	054676-39-0	81
3	Cyclopentane, butyl-	126 C9H18	002040-95-1	76
4	Cyclooctane, 1,2-dimethyl-	140 C10H20	013151-94-5	64
5	Cyclopentane, propyl-	112 C8H16	002040-96-2	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
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Acq On : 15 Sep 2020 19:33
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ClientSampleId :
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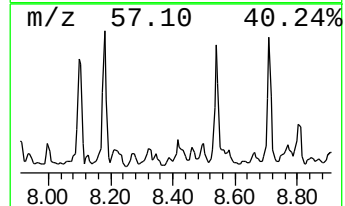
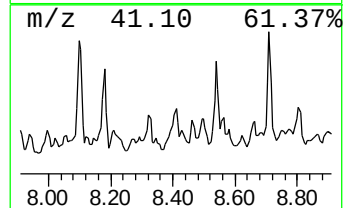
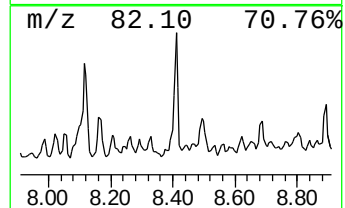
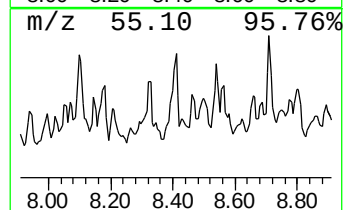
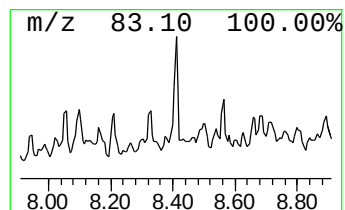
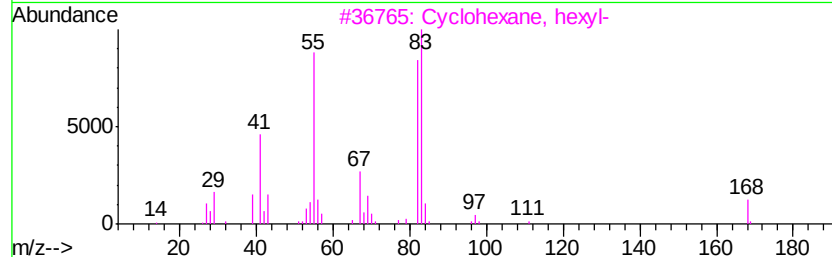
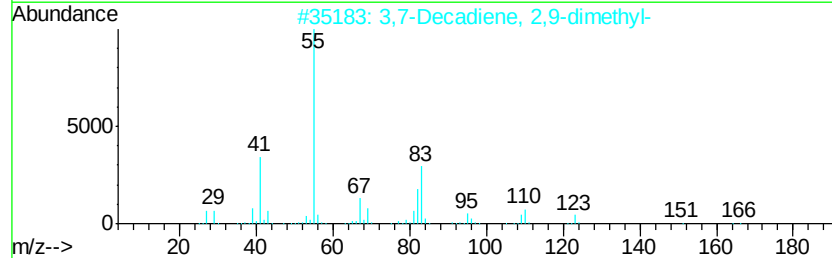
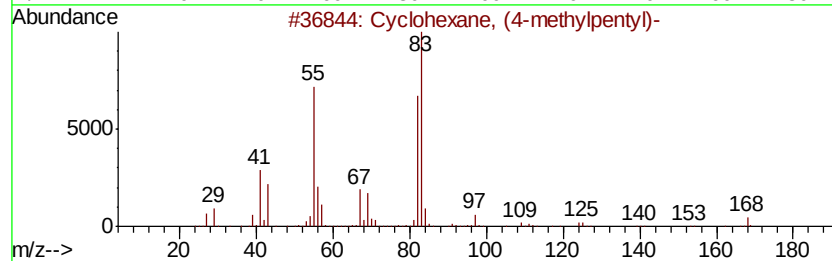
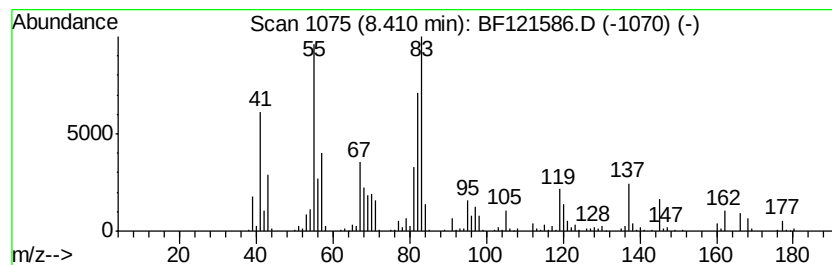
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclohexane, (4-methylpentyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	12.55 ng	831635	Napthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	53
2		3,7-Decadiene, 2,9-dimethyl-	166	C12H22	074630-13-0	49
3		Cyclohexane, hexyl-	168	C12H24	004292-75-5	46
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121586.D
Acq On : 15 Sep 2020 19:33
Operator : JU/CG
Sample : L4005-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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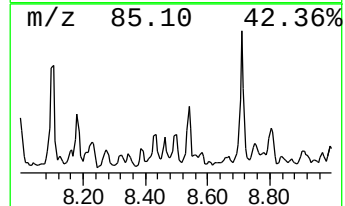
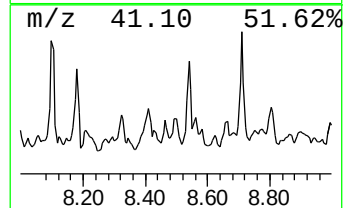
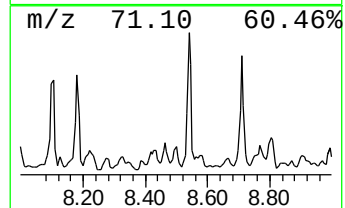
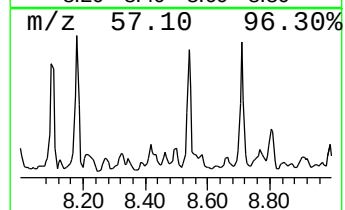
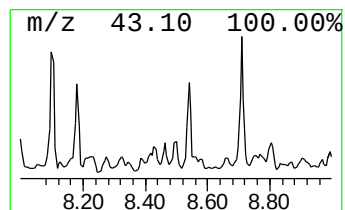
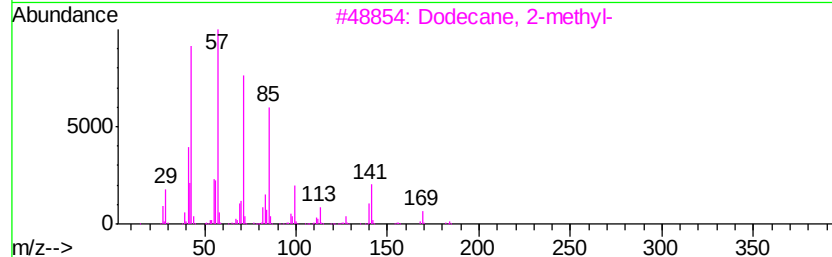
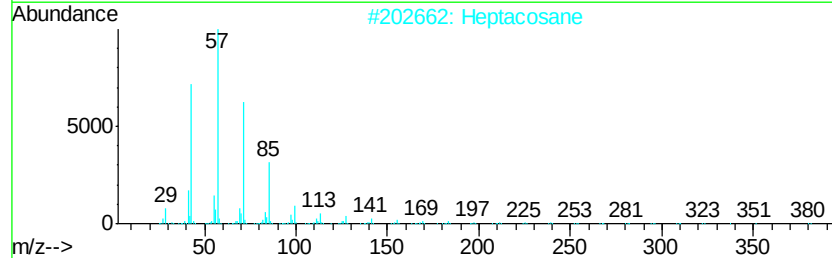
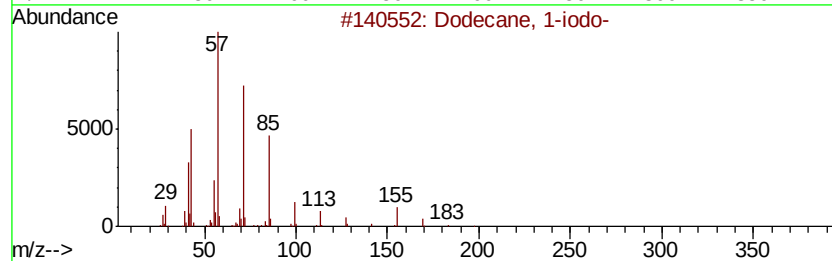
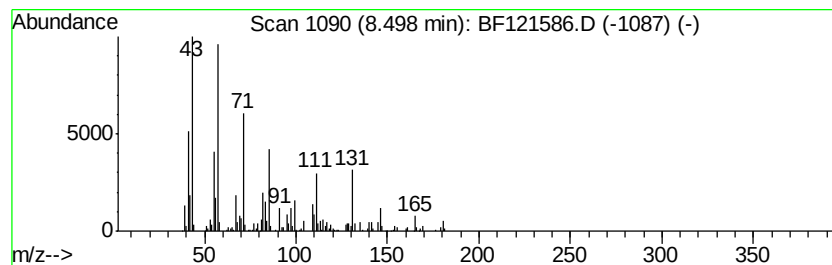
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown8.50 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	8.26 ng	547433	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	43
2		Heptacosane	380	C27H56	000593-49-7	38
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	38
4		Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	27
5		Hexadecane	226	C16H34	000544-76-3	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
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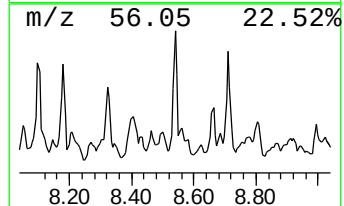
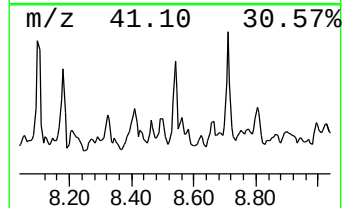
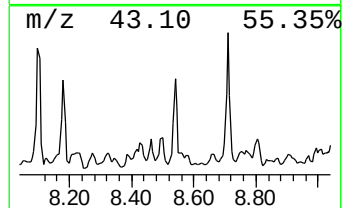
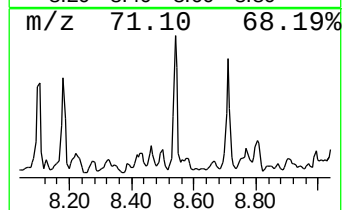
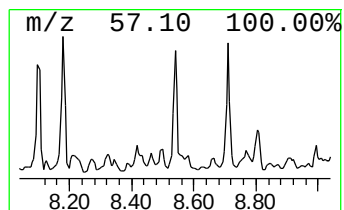
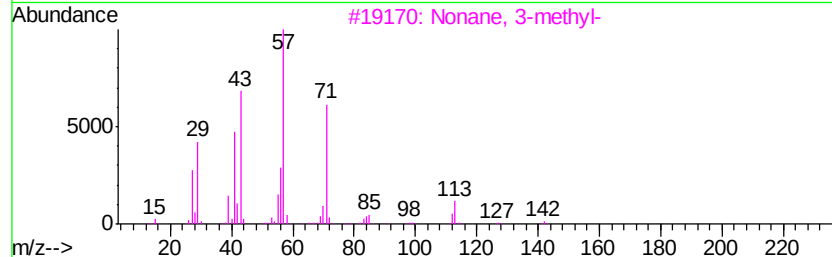
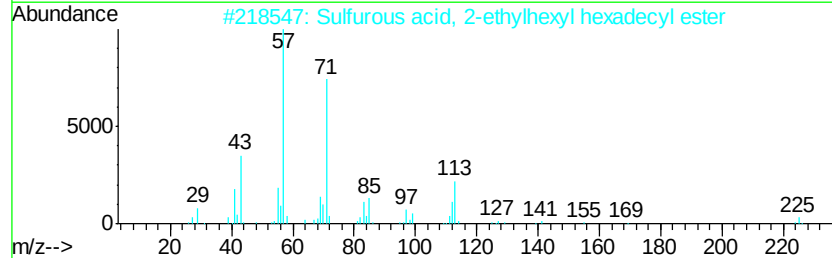
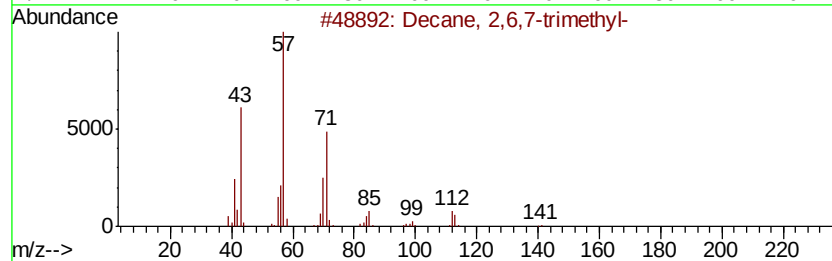
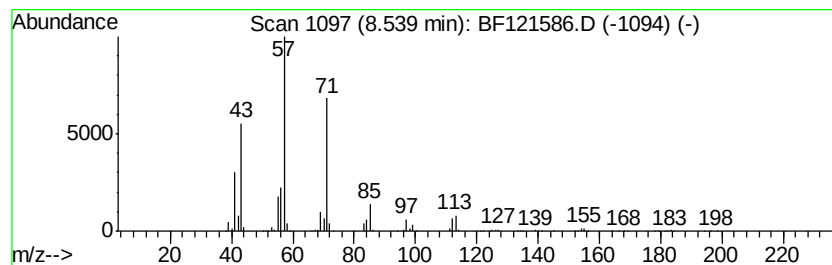
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Decane, 2,6,7-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	18.27 ng	1210750	Napthalene-d8	8.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 2,6,7-trimethyl-	184 C13H28	062108-25-2	83
2	Sulfurous acid, 2-ethylhexyl hex...	418 C24H50O3S	1000309-19-9	72
3	Nonane, 3-methyl-	142 C10H22	005911-04-6	72
4	Nonane, 2,6-dimethyl-	156 C11H24	017302-28-2	72
5	Heptadecane, 7-methyl-	254 C18H38	020959-33-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121586.D
Acq On : 15 Sep 2020 19:33
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Sample : L4005-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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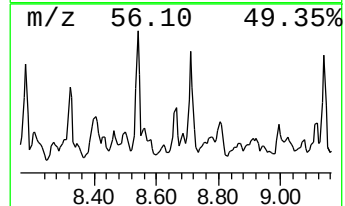
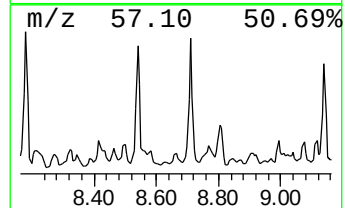
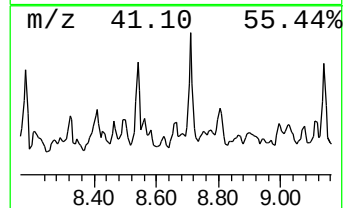
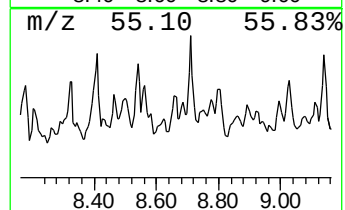
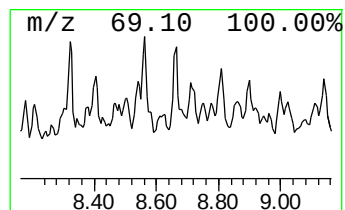
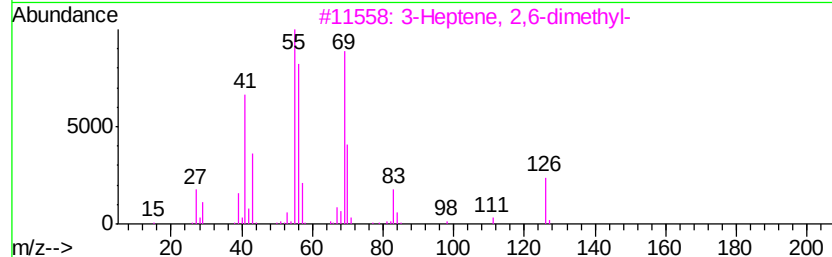
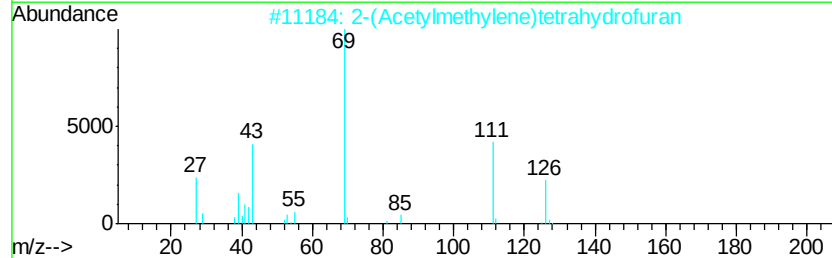
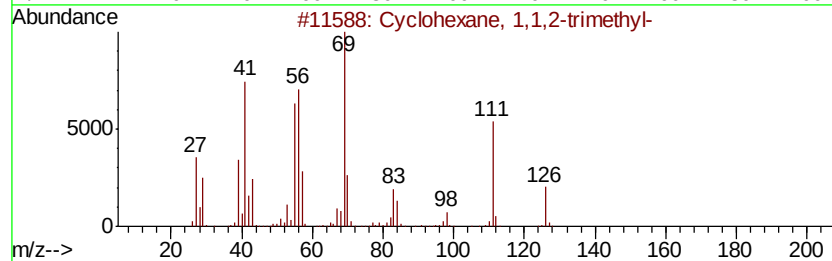
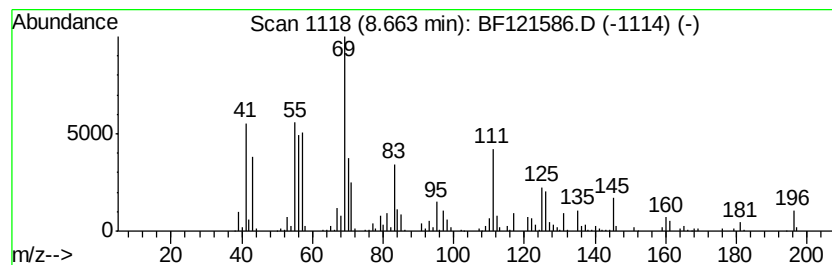
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclohexane, 1,1,2-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	8.55 ng	566403	Naphthalene-d8	8.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	70
2			2-(Acetylmethylene)tetrahydrofuran	126	C7H10O2	112595-65-0	46
3			3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	43
4			6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	42
5			Cyclooctane, ethyl-	140	C10H20	013152-02-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121586.D
Acq On : 15 Sep 2020 19:33
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Sample : L4005-03 5X
Misc :
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Instrument :
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ClientSampleId :
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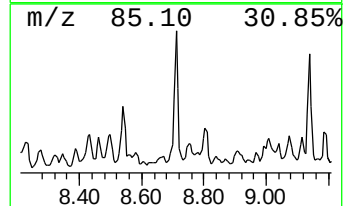
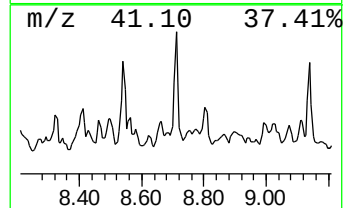
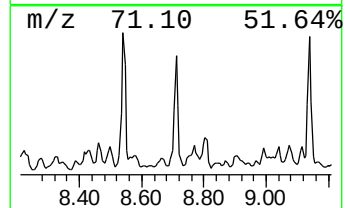
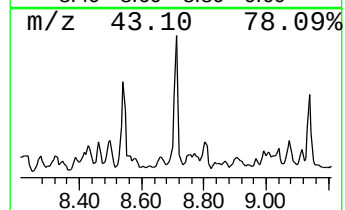
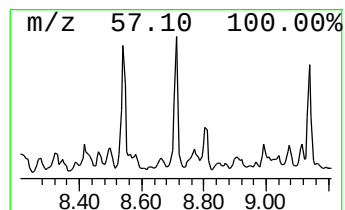
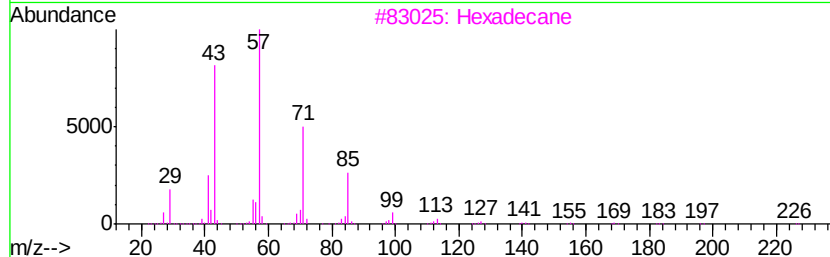
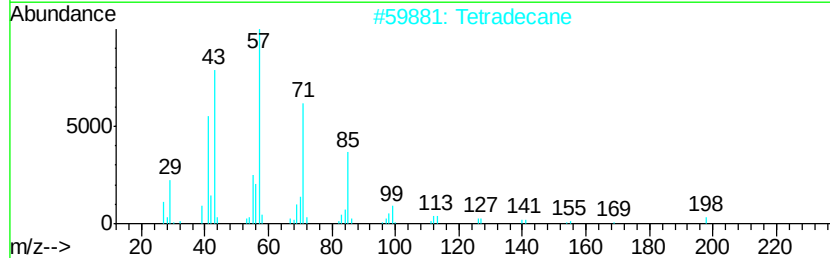
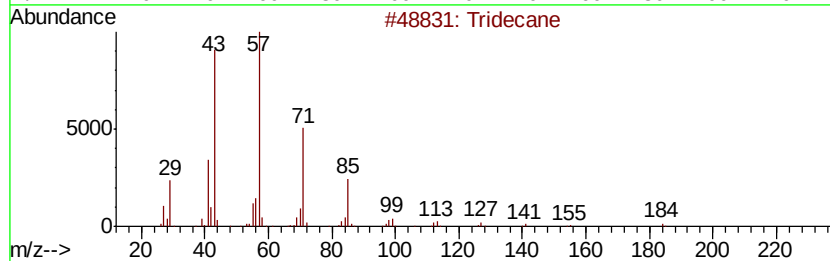
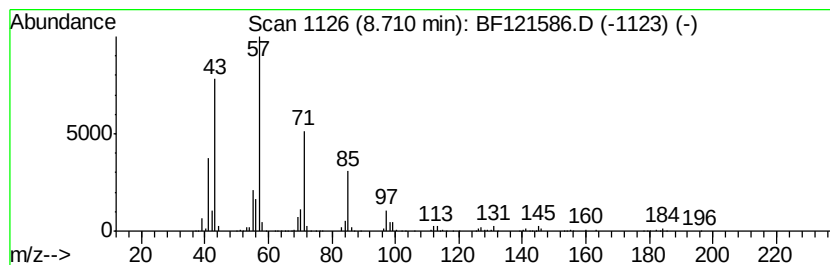
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	19.82 ng	1313490	Napthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	93
2		Tetradecane	198	C14H30	000629-59-4	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Pentadecane	212	C15H32	000629-62-9	86
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121586.D
Acq On : 15 Sep 2020 19:33
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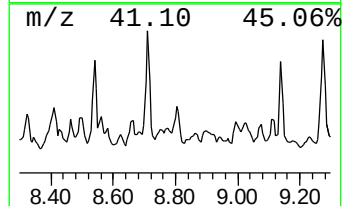
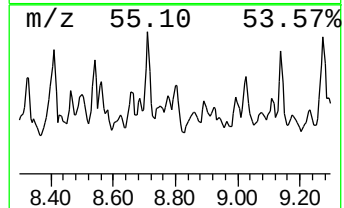
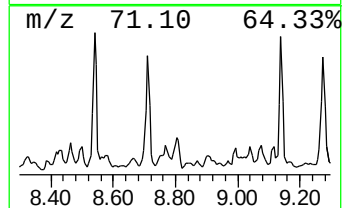
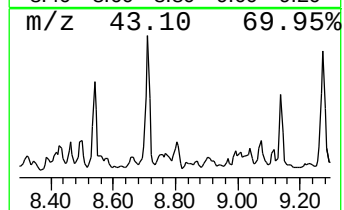
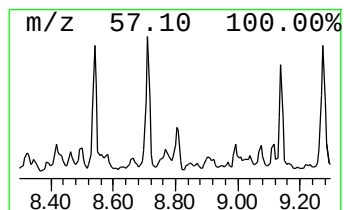
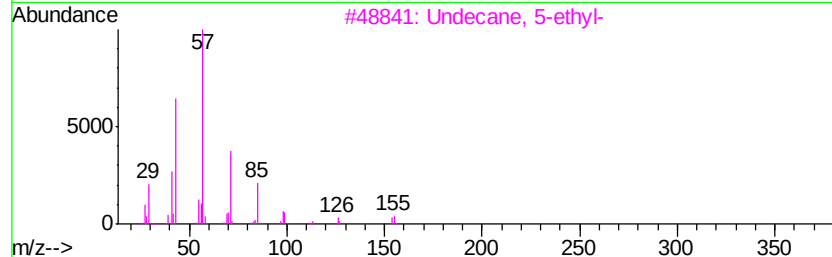
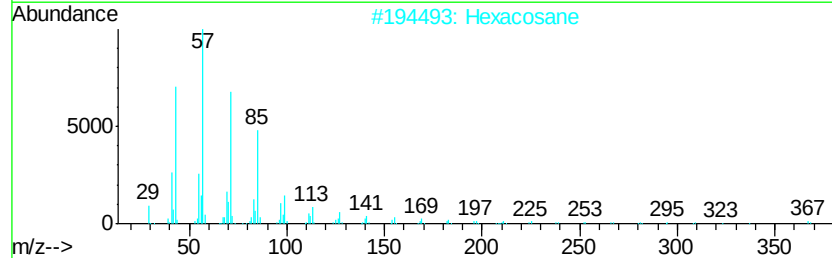
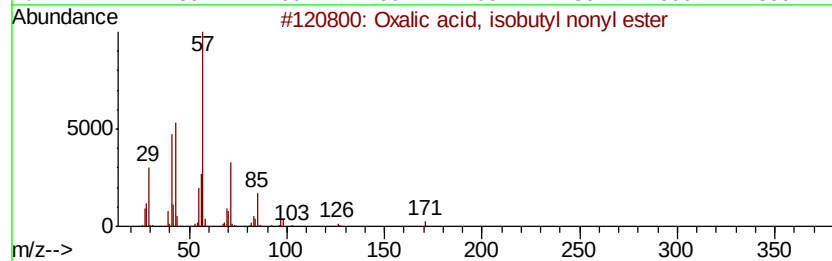
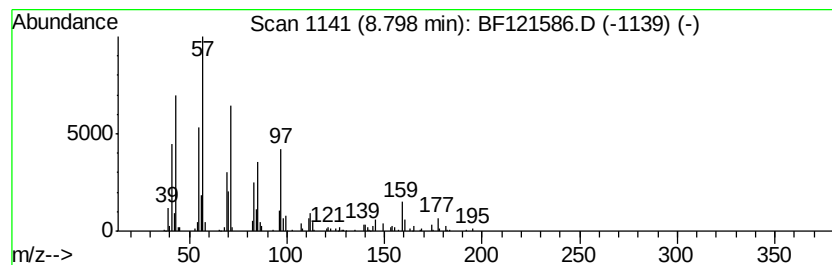
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Oxalic acid, isobutyl nonyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	12.62 ng	835901	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	53
2		Hexacosane	366	C26H54	000630-01-3	53
3		Undecane, 5-ethyl-	184	C13H28	017453-94-0	53
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	53
5		Pentadecane, 6-methyl-	226	C16H34	010105-38-1	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
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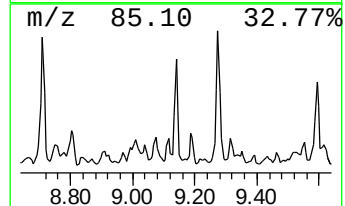
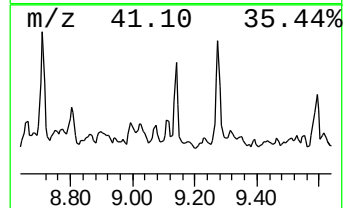
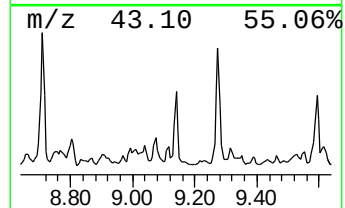
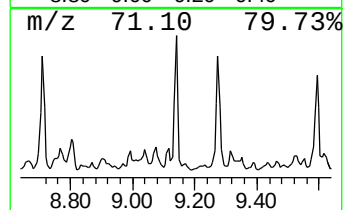
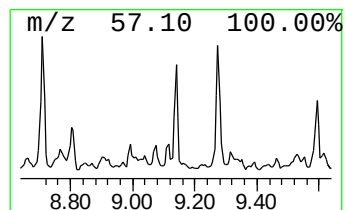
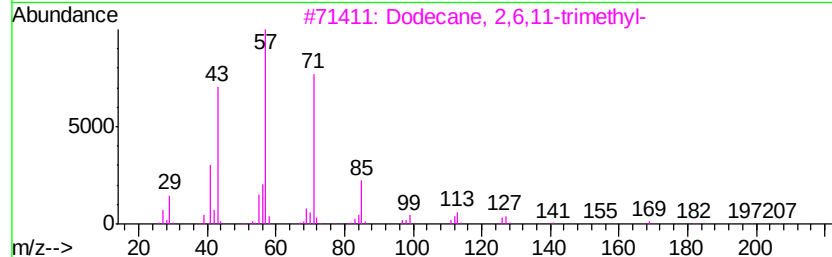
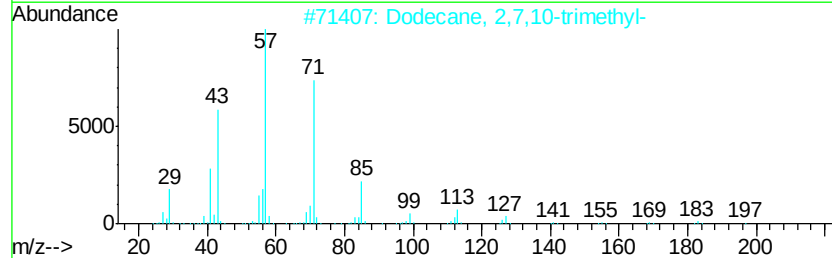
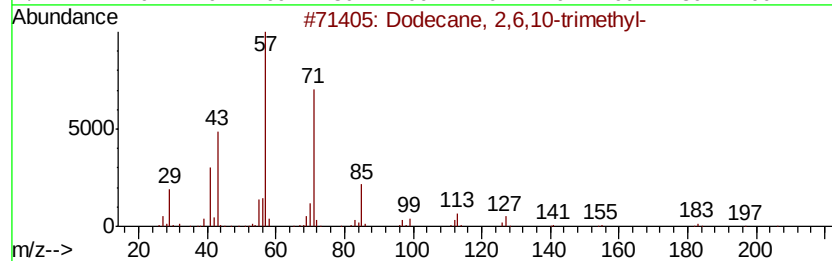
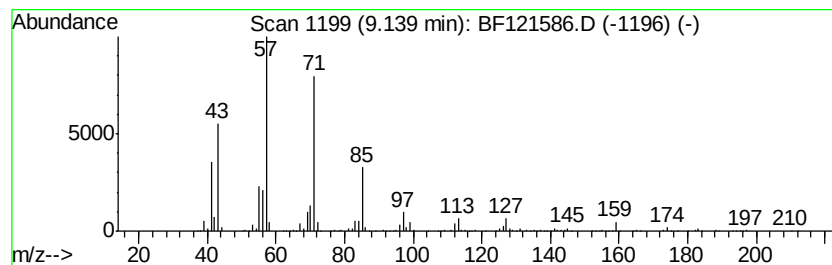
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	11.90 ng	1237110	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
4		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121586.D
Acq On : 15 Sep 2020 19:33
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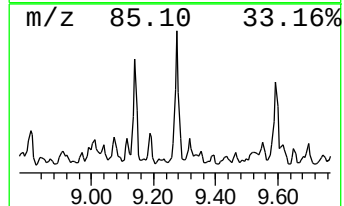
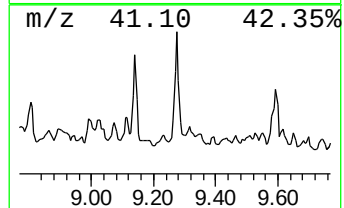
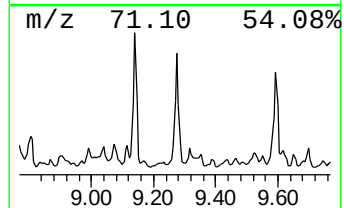
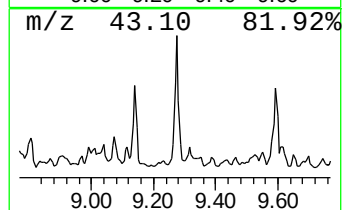
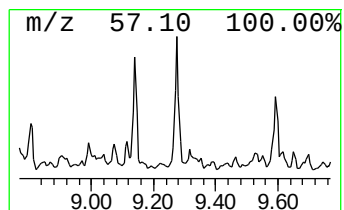
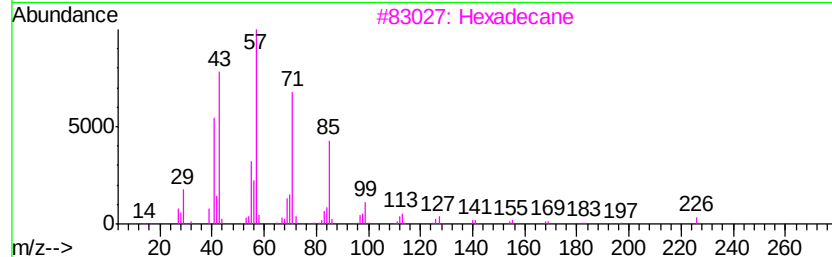
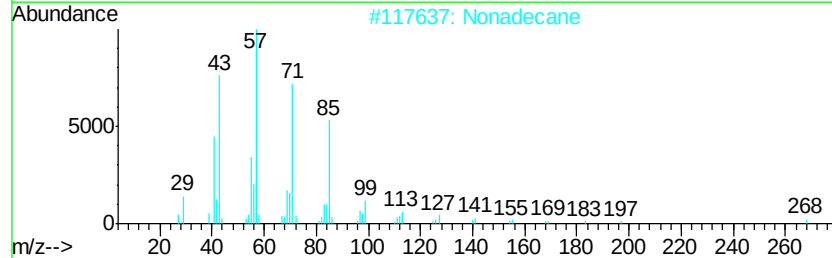
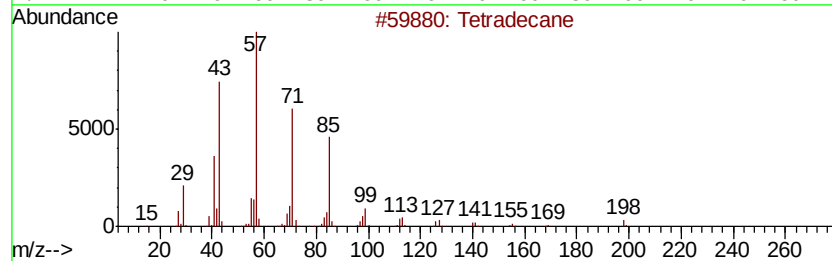
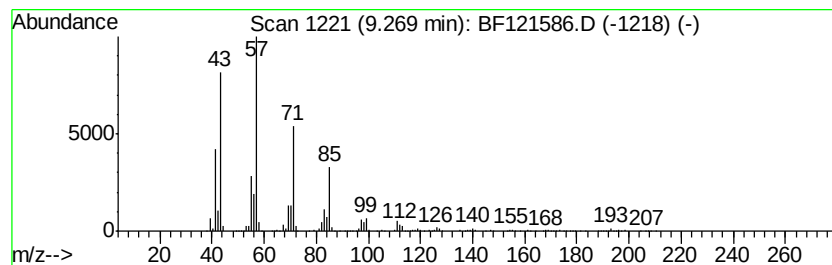
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	16.79 ng	1745760	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	94
2		Nonadecane	268	C19H40	000629-92-5	90
3		Hexadecane	226	C16H34	000544-76-3	86
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	86
5		9-methylheptadecane	254	C18H38	026741-18-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121586.D
Acq On : 15 Sep 2020 19:33
Operator : JU/CG
Sample : L4005-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
32-34

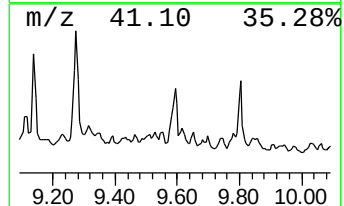
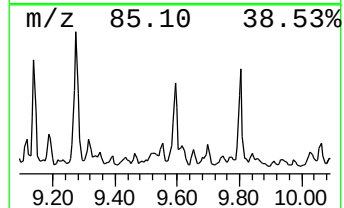
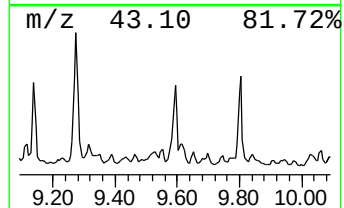
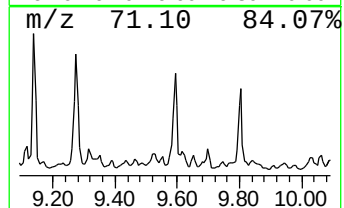
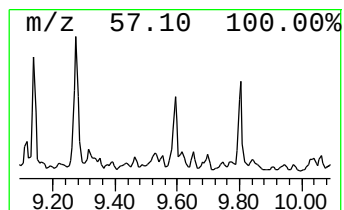
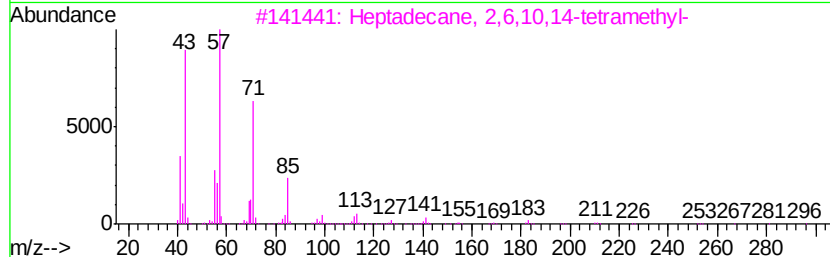
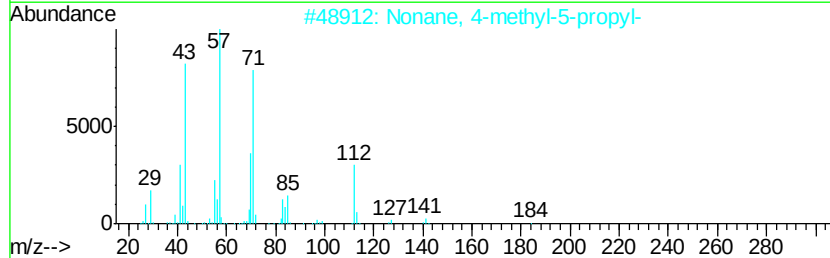
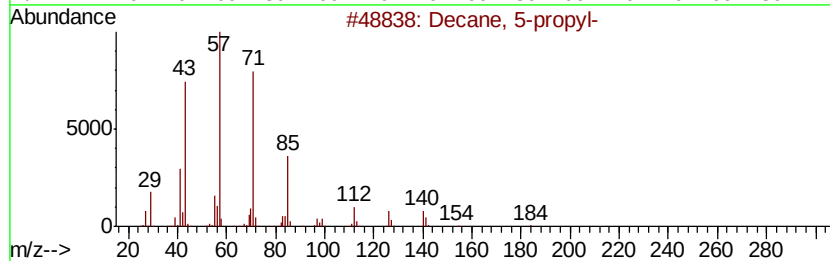
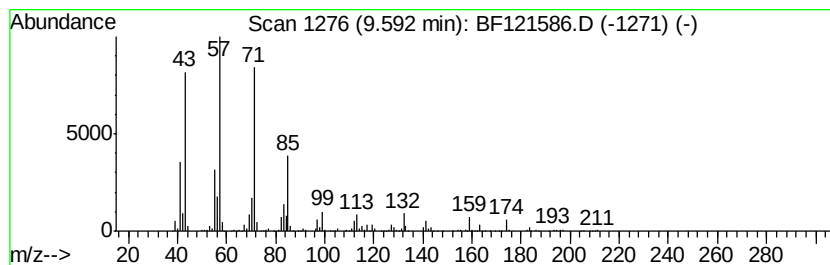
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Decane, 5-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	13.53 ng	1406890	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-propyl-	184	C13H28	017312-62-8	81
2		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64
3		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
4		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	64
5		1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121586.D
Acq On : 15 Sep 2020 19:33
Operator : JU/CG
Sample : L4005-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

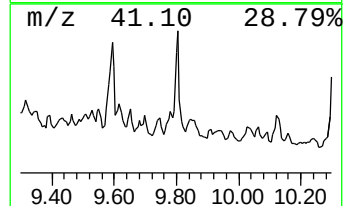
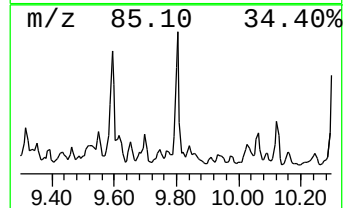
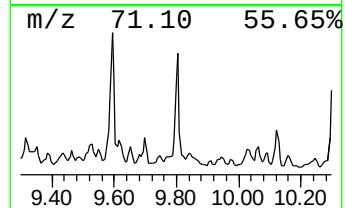
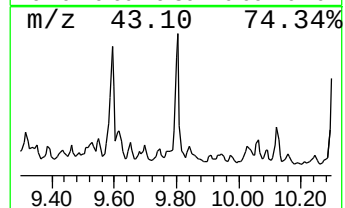
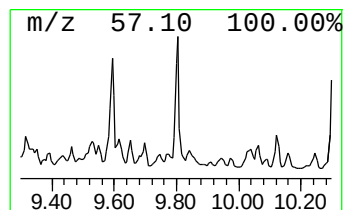
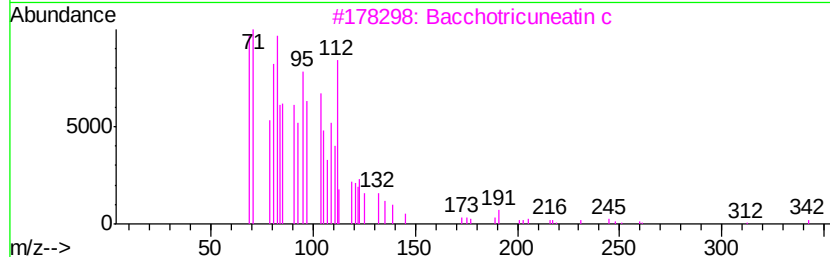
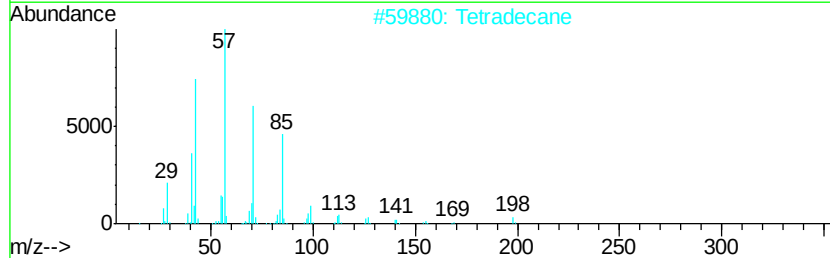
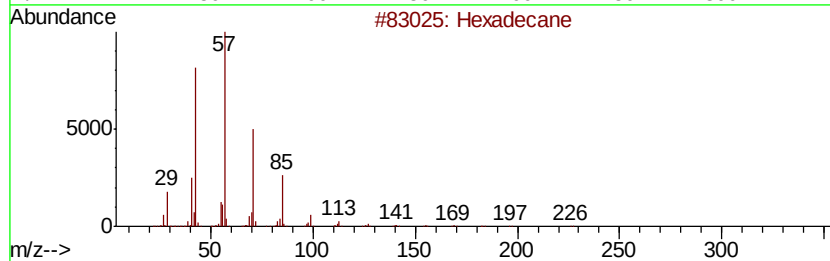
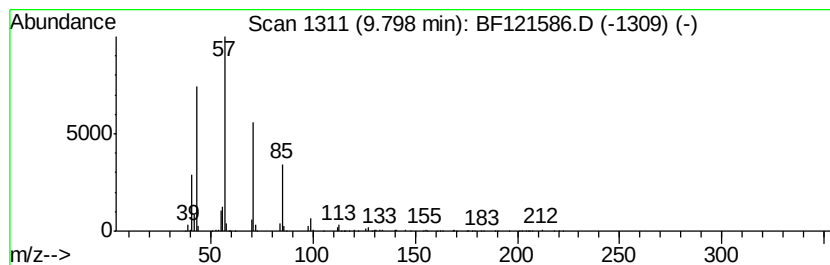
Instrument :
BNA_F
ClientSampleId :
32-34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.80	8.95 ng	930100	Acenaphthene-d10	9.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	64
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121586.D
Acq On : 15 Sep 2020 19:33
Operator : JU/CG
Sample : L4005-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

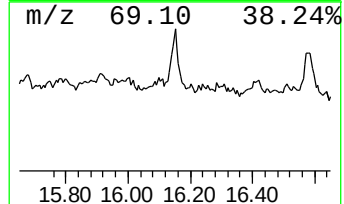
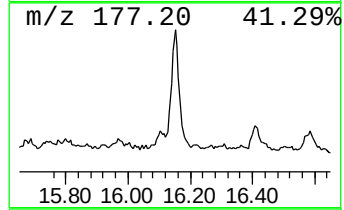
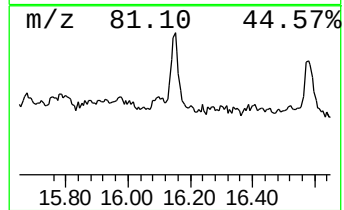
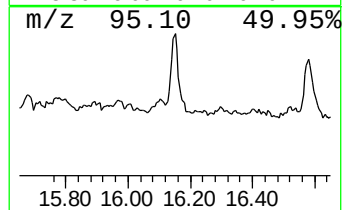
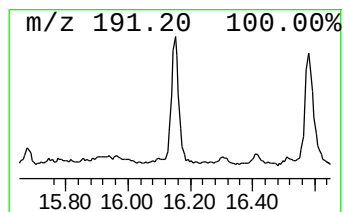
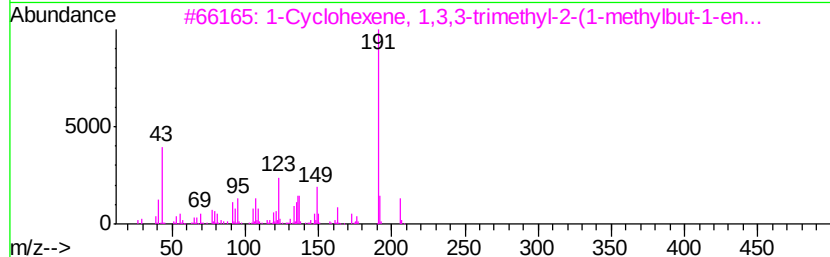
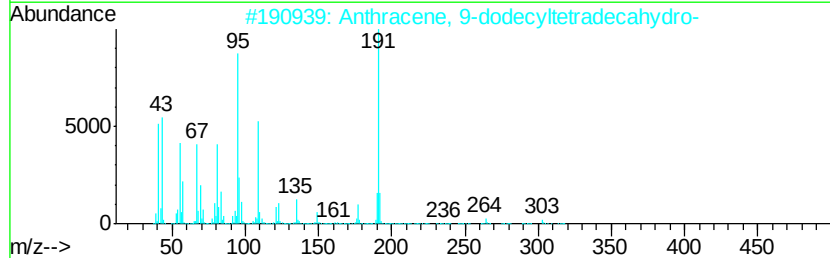
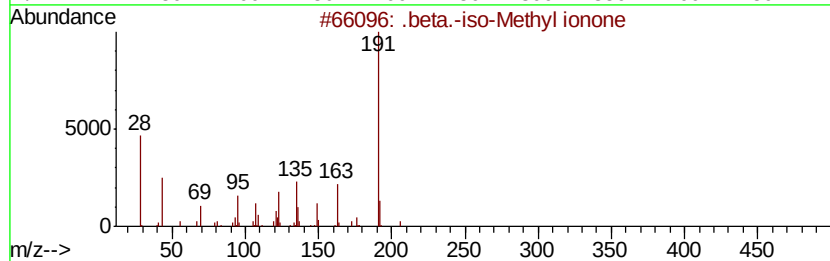
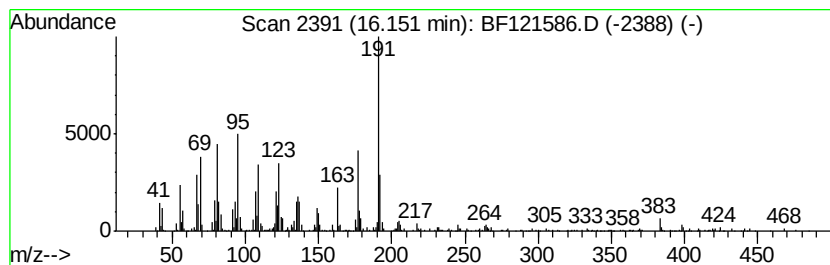
Instrument :
BNA_F
ClientSampleId :
32-34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 .beta.-iso-Methyl ionone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.15	8.77 ng	485915	Perylene-d12	15.45		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	59
2		Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	38
3		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	37
4		2-Phenylamino-5,6(4H)dihydro-1,3...	192	C10H12N2S	1000147-35-4	35
5		2-(2-((2-Chloro-6-fluorobenzyl)s...	334	C17H16ClFN2S	1000298-18-2	32



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091520\
 Data File : BF121586.D
 Acq On : 15 Sep 2020 19:33
 Operator : JU/CG
 Sample : L4005-03 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 32-34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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
5-Undecene	7.11	7.8 ng		764694	1	6.83	1954470	20.0
Cyclohexane, 1,2,...	7.48	13.4 ng		885706	2	8.12	1325100	20.0
Undecane, 5-methyl-	7.55	17.4 ng		1149760	2	8.12	1325100	20.0
Naphthalene, deca...	7.76	9.1 ng		604644	2	8.12	1325100	20.0
Octane, 3-ethyl-2...	7.87	9.1 ng		602627	2	8.12	1325100	20.0
Sulfurous acid, d...	8.00	8.5 ng		560851	2	8.12	1325100	20.0
Undecane, 2,6-dim...	8.18	19.0 ng		1257720	2	8.12	1325100	20.0
unknown8.21	8.21	11.9 ng		788990	2	8.12	1325100	20.0
6-Tridecene, (E)-	8.32	7.7 ng		512387	2	8.12	1325100	20.0
Cyclohexane, (4-m...	8.41	12.6 ng		831635	2	8.12	1325100	20.0
unknown8.50	8.50	8.3 ng		547433	2	8.12	1325100	20.0
Decane, 2,6,7-tri...	8.54	18.3 ng		1210750	2	8.12	1325100	20.0
Cyclohexane, 1,1,...	8.66	8.6 ng		566403	2	8.12	1325100	20.0
Tridecane	8.71	19.8 ng		1313490	2	8.12	1325100	20.0
Oxalic acid, isob...	8.80	12.6 ng		835901	2	8.12	1325100	20.0
Dodecane, 2,6,10-...	9.14	11.9 ng		1237110	3	9.87	2079320	20.0
Tetradecane	9.27	16.8 ng		1745760	3	9.87	2079320	20.0
Decane, 5-propyl-	9.59	13.5 ng		1406890	3	9.87	2079320	20.0
Hexadecane	9.80	8.9 ng		930100	3	9.87	2079320	20.0
.beta.-iso-Methyl...	16.15	8.8 ng		485915	6	15.45	1108560	20.0