

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
 Data File : BF127560.D
 Acq On : 29 Mar 2022 12:41
 Operator : CG\JU
 Sample : N2123-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-COMP-CS-1

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-BF032122.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127560.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.304	510	513	520	rVB	456978	432572	5.35%	0.607%
2	5.416	528	532	537	rBV	281866	373961	4.63%	0.525%
3	5.457	537	539	551	rVB	1303694	1304032	16.13%	1.831%
4	5.675	572	576	581	rBV	352927	321794	3.98%	0.452%
5	5.992	620	630	636	rBV	207457	210426	2.60%	0.295%
6	6.351	687	691	694	rBV	493694	416471	5.15%	0.585%
7	6.381	694	696	699	rVV	387018	286825	3.55%	0.403%
8	6.428	701	704	709	rVB2	210311	207759	2.57%	0.292%
9	6.469	709	711	716	rBV	685086	825932	10.22%	1.160%
10	6.510	716	718	722	rVB	401121	337333	4.17%	0.474%
11	6.651	739	742	749	rVB	988315	878773	10.87%	1.234%
12	6.834	769	773	775	rBV	588559	540815	6.69%	0.759%
13	6.851	775	776	779	rVV	163480	113764	1.41%	0.160%
14	6.886	779	782	783	rVV	447333	437002	5.41%	0.614%
15	7.010	799	803	806	rVB	684725	635351	7.86%	0.892%
16	7.092	806	817	823	rBV	1048158	1162234	14.38%	1.632%
17	7.145	823	826	828	rBV	249376	203279	2.52%	0.285%
18	7.286	847	850	852	rBV	135883	121479	1.50%	0.171%
19	7.316	852	855	859	rVV2	206736	285890	3.54%	0.401%
20	7.363	859	863	865	rVV	513499	497748	6.16%	0.699%
21	7.404	865	870	873	rVV2	2043424	2119425	26.22%	2.976%
22	7.439	873	876	879	rVV	133416	131890	1.63%	0.185%
23	7.475	879	882	886	rVV3	60886	100295	1.24%	0.141%
24	7.510	886	888	890	rVV	120538	92048	1.14%	0.129%
25	7.598	900	903	905	rVV	187136	166894	2.06%	0.234%
26	7.622	905	907	910	rVB	368061	275690	3.41%	0.387%
27	7.739	923	927	928	rVV3	109707	101765	1.26%	0.143%
28	7.757	928	930	932	rVV2	130639	114007	1.41%	0.160%
29	7.781	932	934	939	rVB	388478	331924	4.11%	0.466%
30	7.863	939	948	951	rBV3	1176294	1983949	24.55%	2.785%
31	7.898	951	954	961	rVB	1700626	2380576	29.45%	3.342%
32	7.986	965	969	972	rVB2	161480	161060	1.99%	0.226%
33	8.028	972	976	978	rBV	138395	191201	2.37%	0.268%
34	8.151	985	997	1000	rVB	5540954	8082188	100.00%	11.347%
35	8.192	1000	1004	1007	rVB	614175	490972	6.07%	0.689%
36	8.469	1047	1051	1054	rVV	230068	346846	4.29%	0.487%

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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-BF032122.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.510	1054	1058	1060	rVB2	112224	155096	1.92%	0.218%
38	8.551	1060	1065	1067	rBV	390676	434431	5.38%	0.610%
39	8.575	1067	1069	1072	rVV	428332	510075	6.31%	0.716%
40	8.598	1072	1073	1074	rVV	294398	188681	2.33%	0.265%
41	8.616	1074	1076	1080	rVV	529616	512932	6.35%	0.720%
42	8.669	1080	1085	1088	rVB5	88854	123939	1.53%	0.174%
43	8.704	1088	1091	1096	rBV4	114119	126238	1.56%	0.177%
44	8.757	1096	1100	1102	rBV2	213169	254333	3.15%	0.357%
45	8.780	1102	1104	1108	rVV	564152	525838	6.51%	0.738%
46	8.839	1108	1114	1117	rVB	3979715	4391964	54.34%	6.166%
47	8.886	1117	1122	1125	rBV2	251555	319642	3.95%	0.449%
48	8.939	1125	1131	1134	rVB	4969674	6413521	79.35%	9.005%
49	9.080	1153	1155	1160	rBV4	62010	88449	1.09%	0.124%
50	9.192	1168	1174	1177	rBV	3430030	3012377	37.27%	4.229%
51	9.292	1188	1191	1194	rVV	554914	452444	5.60%	0.635%
52	9.363	1196	1203	1204	rBV3	223840	271550	3.36%	0.381%
53	9.386	1204	1207	1213	rVV	1073187	1233690	15.26%	1.732%
54	9.457	1214	1219	1223	rVV	1226659	1651206	20.43%	2.318%
55	9.492	1223	1225	1227	rVV	184403	140881	1.74%	0.198%
56	9.533	1227	1232	1234	rVV	1882932	2168103	26.83%	3.044%
57	9.557	1234	1236	1240	rVB	1315741	1142457	14.14%	1.604%
58	9.645	1246	1251	1257	rBV2	1101438	1343593	16.62%	1.886%
59	9.733	1263	1266	1270	rVB2	975676	930448	11.51%	1.306%
60	9.851	1281	1286	1287	rVV	371770	296601	3.67%	0.416%
61	9.875	1287	1290	1292	rVV	760107	702548	8.69%	0.986%
62	9.910	1292	1296	1299	rVV	2875309	2596834	32.13%	3.646%
63	9.975	1301	1307	1311	rVV5	152807	335038	4.15%	0.470%
64	10.016	1311	1314	1317	rVV4	89215	137646	1.70%	0.193%
65	10.075	1320	1324	1328	rVV2	564019	678519	8.40%	0.953%
66	10.110	1328	1330	1333	rVB	200373	159470	1.97%	0.224%
67	10.186	1339	1343	1346	rBV2	232086	295707	3.66%	0.415%
68	10.216	1346	1348	1350	rVV	126250	93506	1.16%	0.131%
69	10.275	1354	1358	1360	rBV	164911	204105	2.53%	0.287%
70	10.327	1364	1367	1371	rBV	185353	163902	2.03%	0.230%
71	10.392	1375	1378	1380	rVV	355147	276242	3.42%	0.388%
72	10.422	1380	1383	1388	rVB	1041972	970952	12.01%	1.363%
73	10.469	1388	1391	1392	rBV	182332	143914	1.78%	0.202%
74	10.504	1395	1397	1399	rVV3	128280	110288	1.36%	0.155%
75	10.533	1399	1402	1404	rVV	191216	192865	2.39%	0.271%
76	10.574	1407	1409	1412	rVB	105862	98796	1.22%	0.139%

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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

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.645	1418	1421	1422	rBV	335842	297912	3.69%	0.418%
78	10.669	1422	1425	1428	rVV	1673274	1579569	19.54%	2.218%
79	10.851	1453	1456	1459	rBV4	78742	98124	1.21%	0.138%
80	10.969	1471	1476	1479	rBV2	160383	249918	3.09%	0.351%
81	11.257	1522	1525	1529	rVB	230256	216111	2.67%	0.303%
82	11.363	1540	1543	1545	rBV	663720	547560	6.77%	0.769%
83	11.392	1545	1548	1551	rVB	1414018	1261466	15.61%	1.771%
84	11.439	1553	1556	1560	rVV	395993	323439	4.00%	0.454%
85	11.480	1560	1563	1567	rVV	275708	229322	2.84%	0.322%
86	11.604	1579	1584	1587	rBV	821374	797440	9.87%	1.120%
87	12.592	1749	1752	1757	rVB	228631	208593	2.58%	0.293%
88	12.816	1785	1790	1792	rBV2	172308	189103	2.34%	0.265%
89	12.845	1792	1795	1808	rVB2	154797	281018	3.48%	0.395%
90	12.951	1808	1813	1816	rBV	2205749	2035293	25.18%	2.858%
91	13.139	1842	1845	1849	rVB	132157	130680	1.62%	0.183%
92	13.263	1863	1866	1874	rVB	132700	162500	2.01%	0.228%
93	13.580	1918	1920	1928	rVB2	58390	90187	1.12%	0.127%
94	13.674	1931	1936	1945	rBV3	110780	223663	2.77%	0.314%
95	13.786	1951	1955	1957	rBV	187011	218906	2.71%	0.307%
96	13.904	1971	1975	1984	rVB3	76501	146035	1.81%	0.205%
97	14.015	1991	1994	1998	rBV	499610	467463	5.78%	0.656%
98	14.127	2010	2013	2026	rVB3	113636	317495	3.93%	0.446%
99	14.280	2032	2039	2045	rVB5	49567	101456	1.26%	0.142%
100	15.492	2241	2245	2254	rBV	425121	539217	6.67%	0.757%

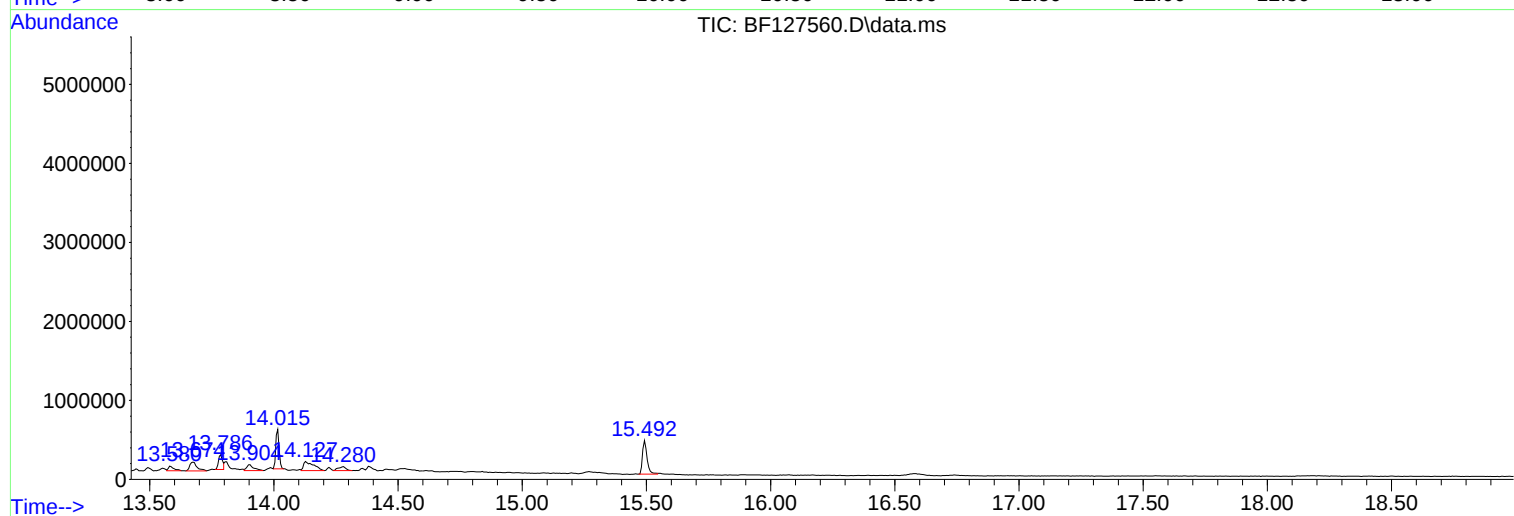
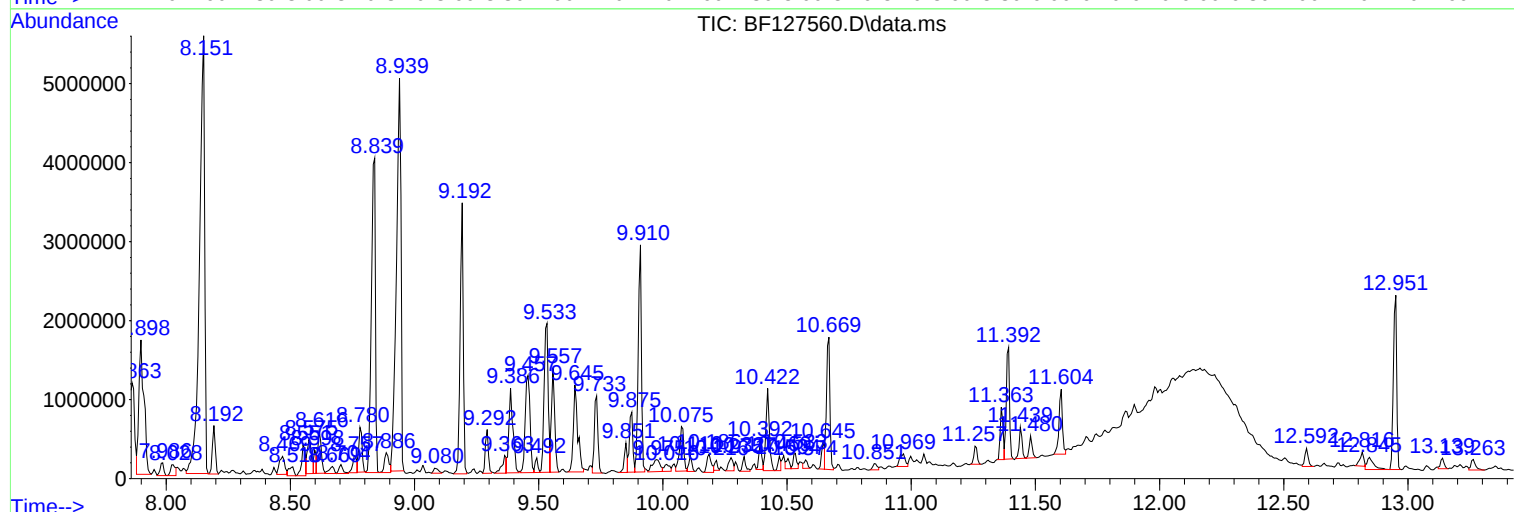
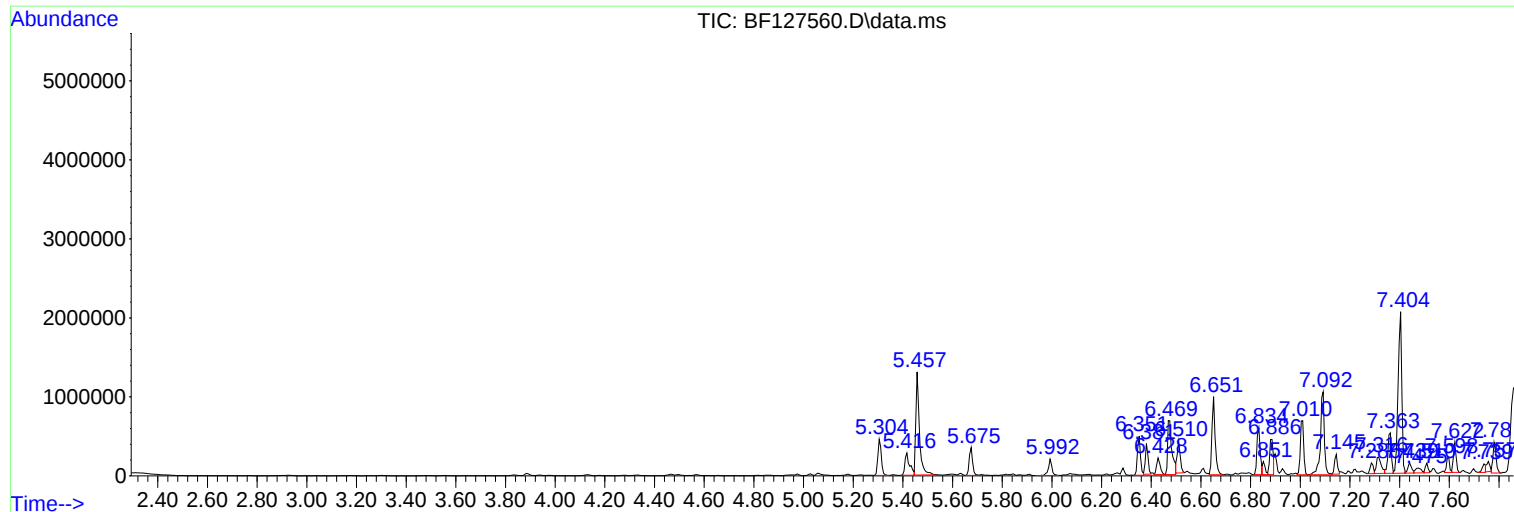
Sum of corrected areas: 71225461

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Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.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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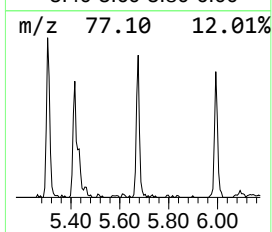
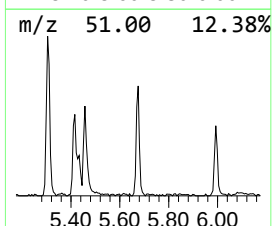
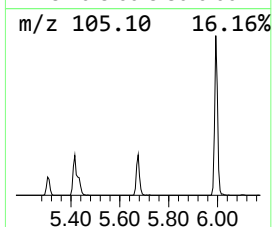
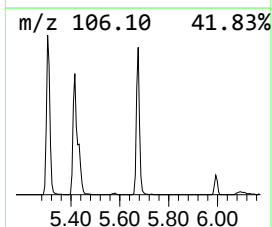
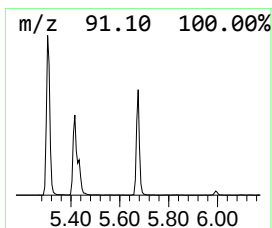
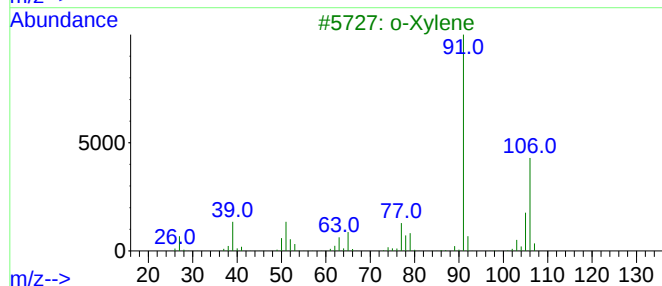
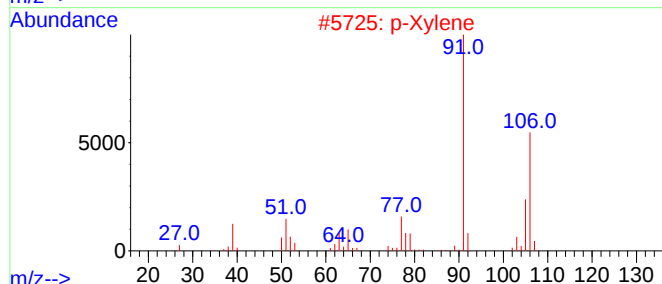
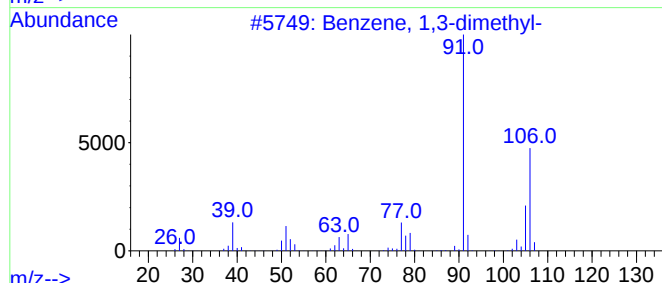
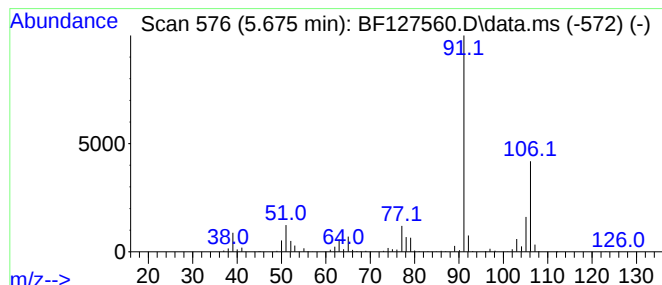
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.675	11.90 ng	321794	1,4-Dichlorobenzene-d4	6.834

Hit#	of 4	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2		p-Xylene	106	C8H10	000106-42-3	97
3		o-Xylene	106	C8H10	000095-47-6	97
4		Ethylbenzene	106	C8H10	000100-41-4	91



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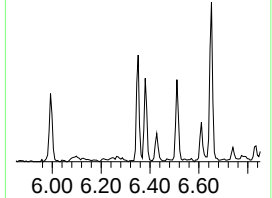
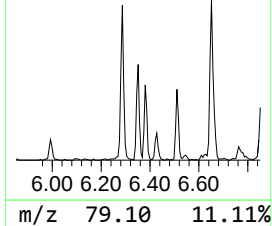
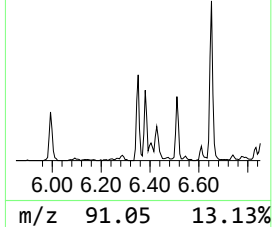
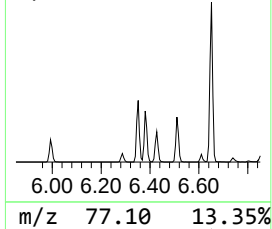
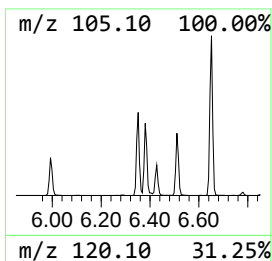
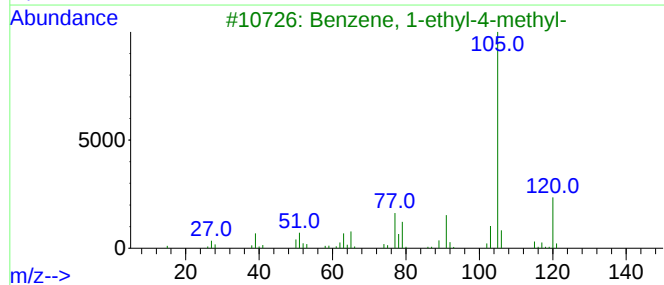
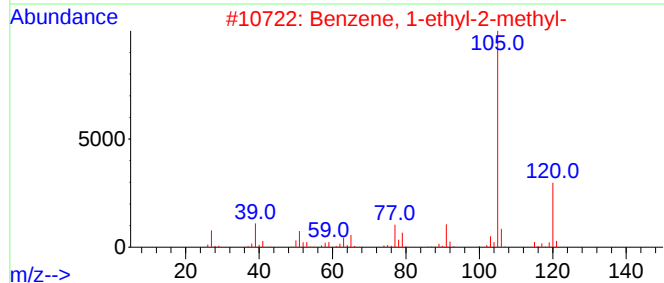
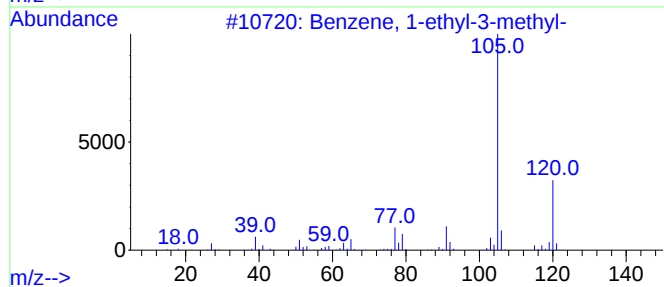
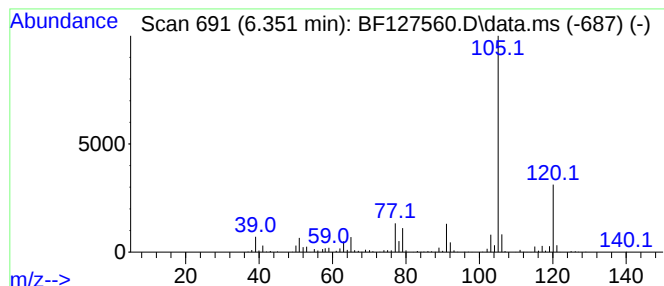
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.351	15.40 ng	416471	1,4-Dichlorobenzene-d4	6.834

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



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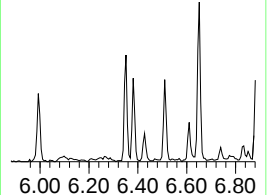
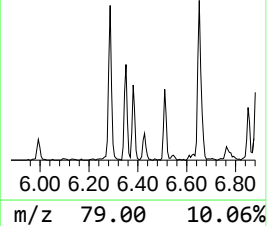
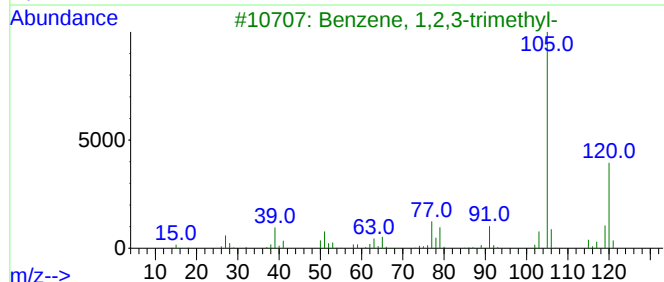
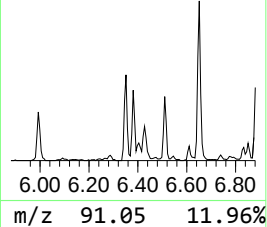
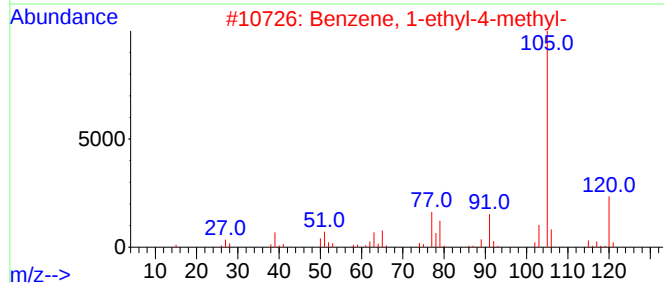
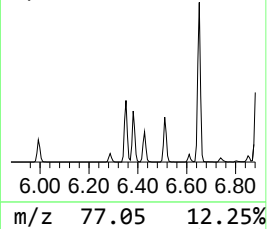
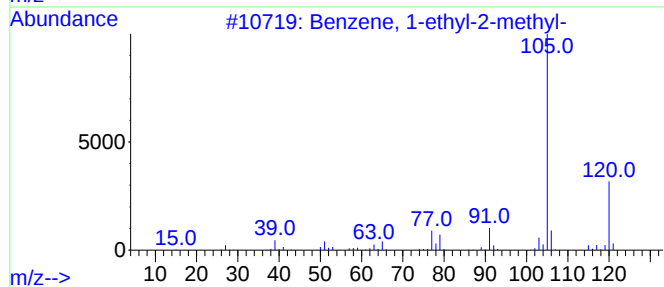
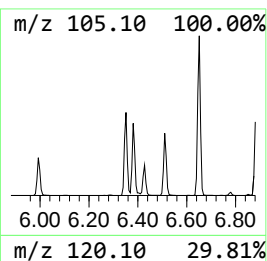
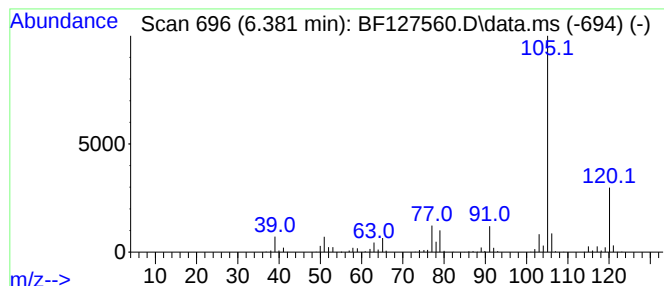
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.381	10.61 ng	286825	1,4-Dichlorobenzene-d4	6.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
Data File : BF127560.D
Acq On : 29 Mar 2022 12:41
Operator : CG\JU
Sample : N2123-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1

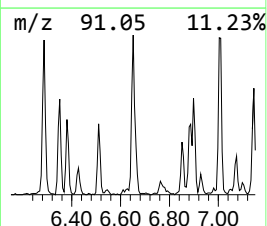
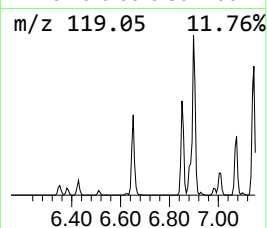
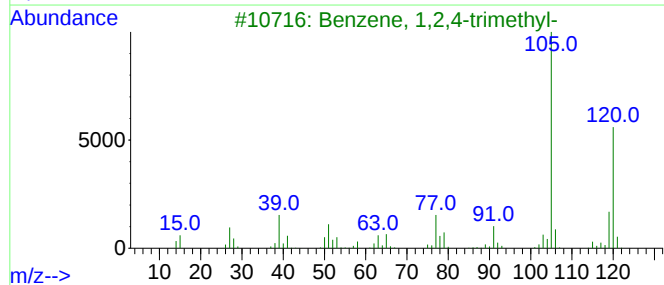
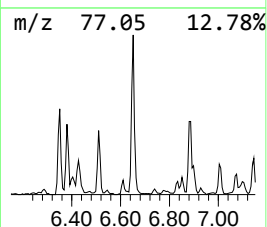
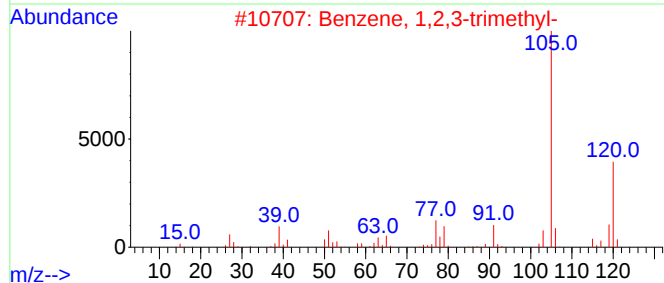
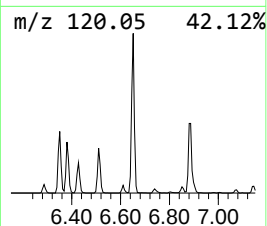
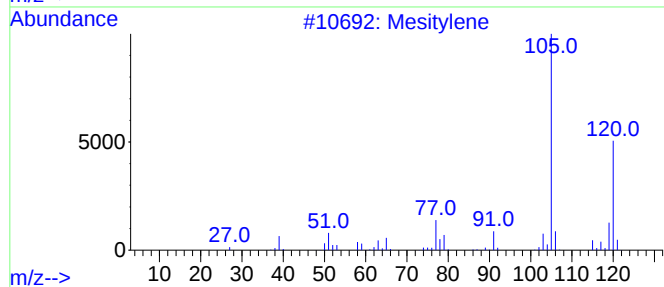
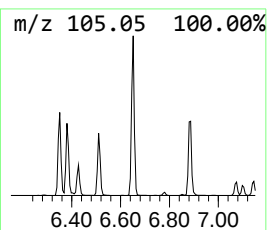
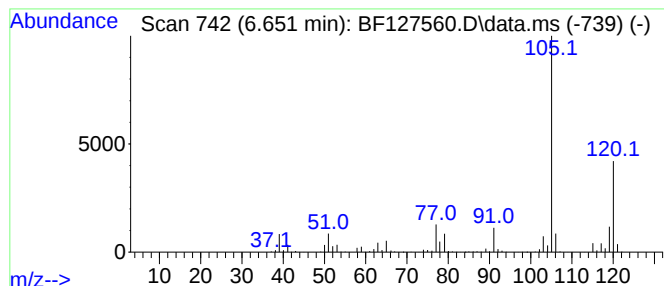
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Mesitylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.651	32.50 ng	878773	1,4-Dichlorobenzene-d4	6.834

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	95
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
Data File : BF127560.D
Acq On : 29 Mar 2022 12:41
Operator : CG\JU
Sample : N2123-03
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Instrument :
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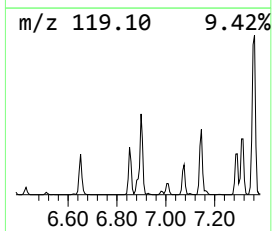
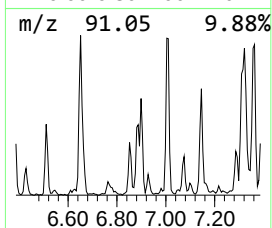
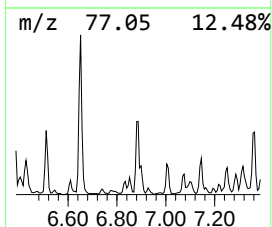
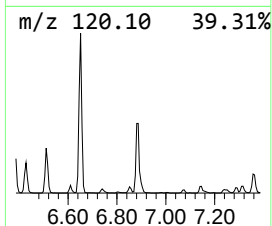
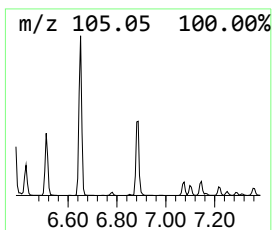
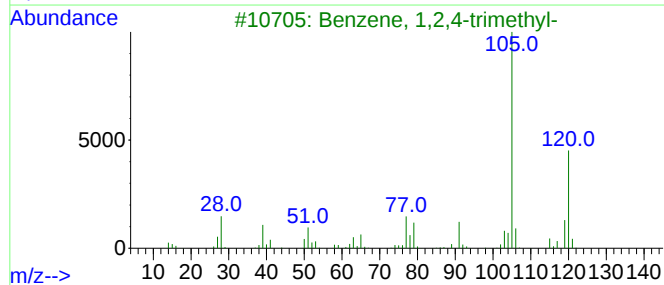
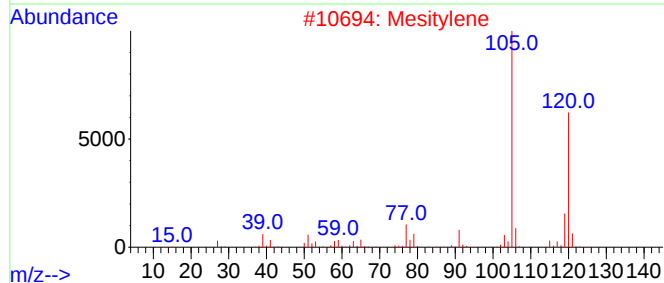
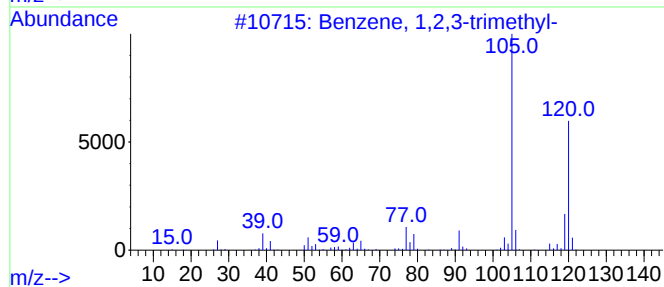
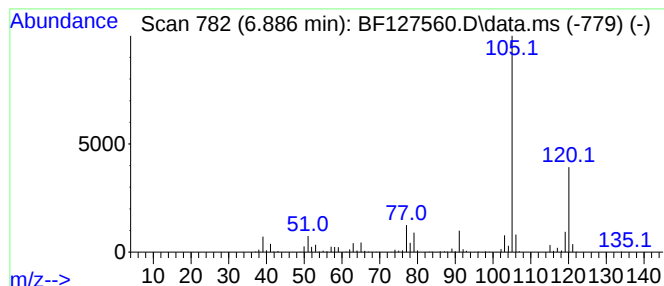
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.886	16.16 ng	437002	1,4-Dichlorobenzene-d4	6.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2			Mesitylene	120	C9H12	000108-67-8	94
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
Data File : BF127560.D
Acq On : 29 Mar 2022 12:41
Operator : CG\JU
Sample : N2123-03
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ClientSampleId :
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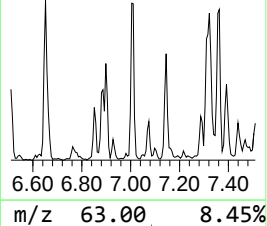
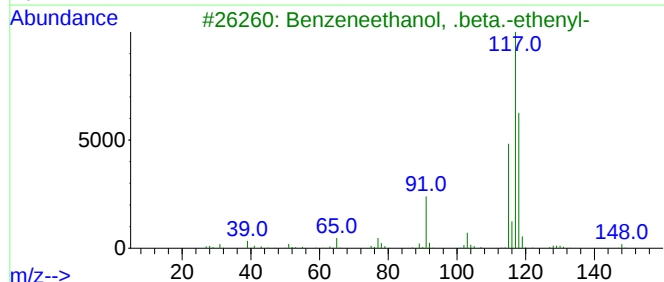
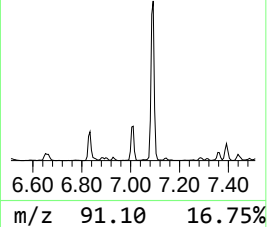
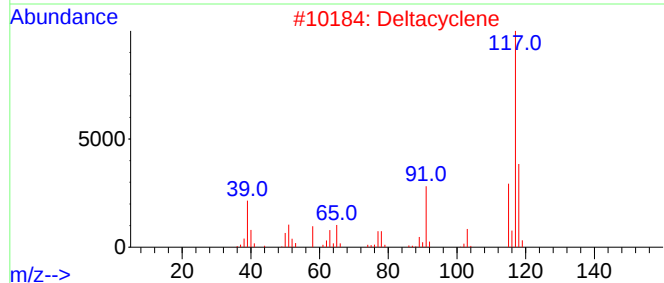
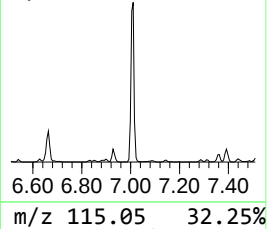
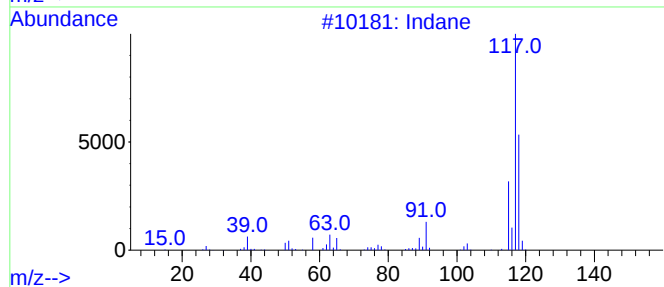
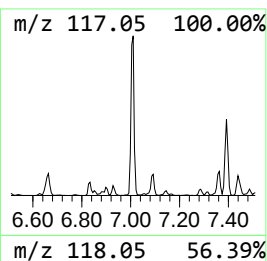
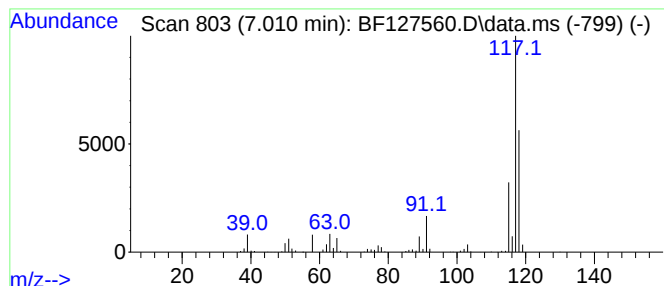
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.010	23.50 ng	635351	1,4-Dichlorobenzene-d4	6.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	87
2			Deltacyclene	118	C9H10	007785-10-6	64
3			Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53
4			Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	53
5			Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
Data File : BF127560.D
Acq On : 29 Mar 2022 12:41
Operator : CG\JU
Sample : N2123-03
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ALS Vial : 5 Sample Multiplier: 1

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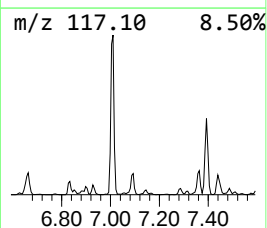
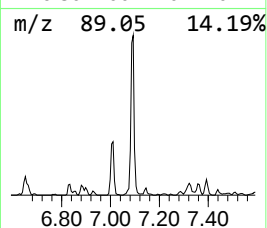
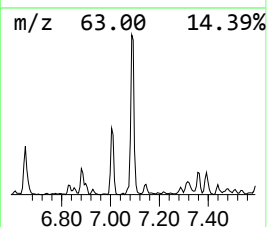
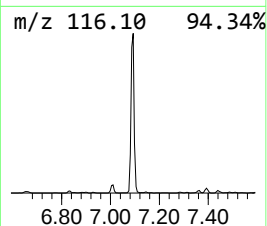
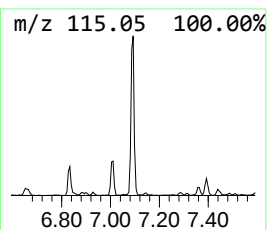
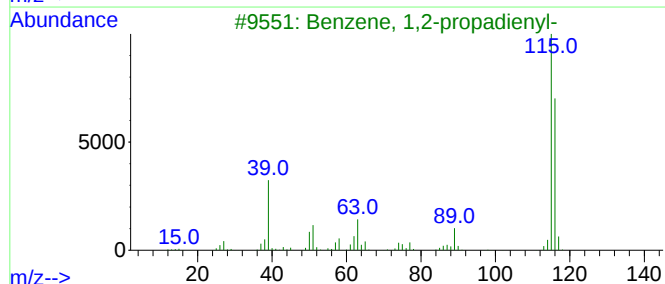
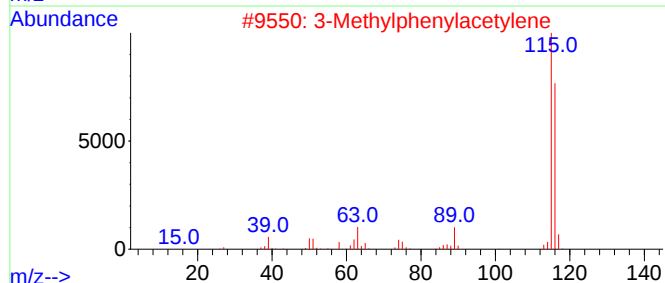
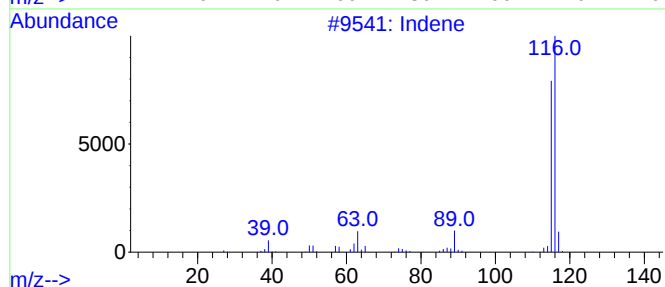
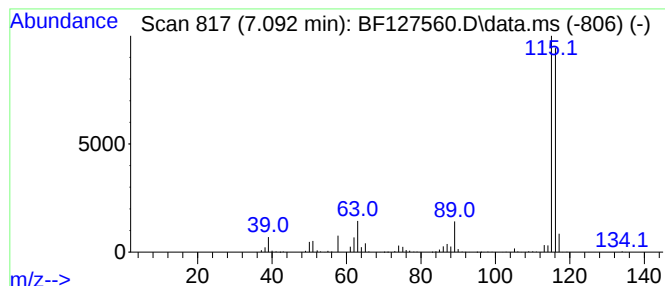
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.092	42.98 ng	1162230	1,4-Dichlorobenzene-d4	6.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indene	116	C9H8	000095-13-6	97
2			3-Methylphenylacetylene	116	C9H8	000766-82-5	91
3			Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4			Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5			2-Methylphenylacetylene	116	C9H8	000766-47-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
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ClientSampleId :
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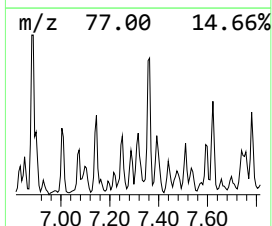
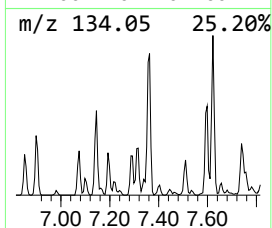
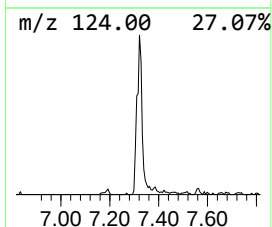
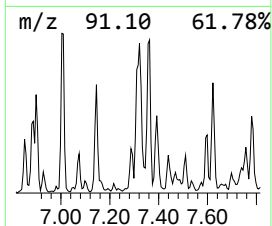
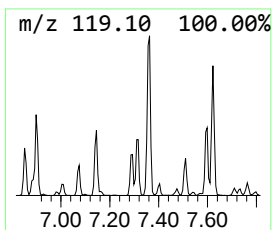
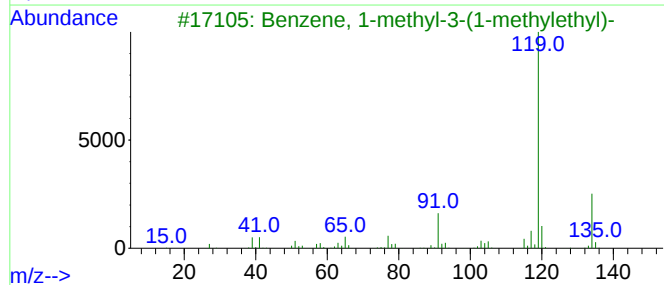
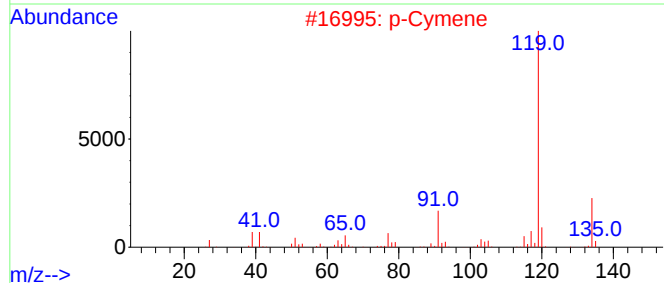
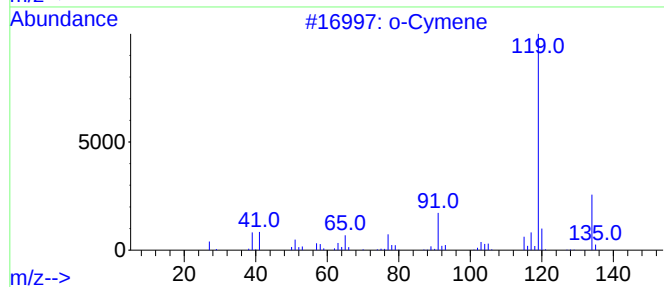
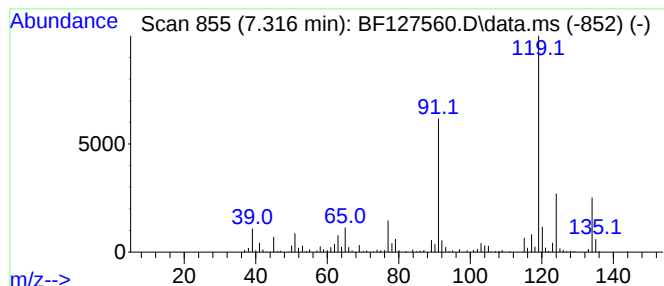
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 o-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.316	10.57 ng	285890	1,4-Dichlorobenzene-d4	6.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	81
2			p-Cymene	134	C10H14	000099-87-6	81
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	81
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
5			1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
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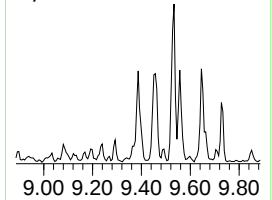
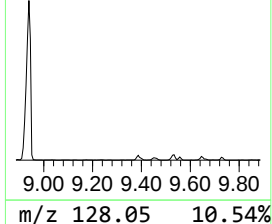
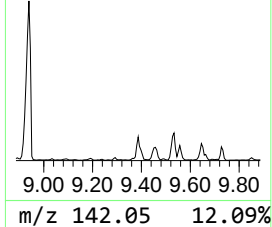
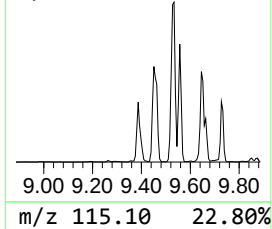
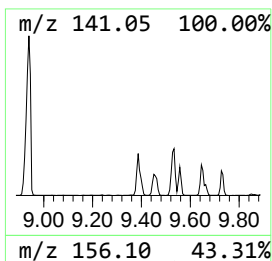
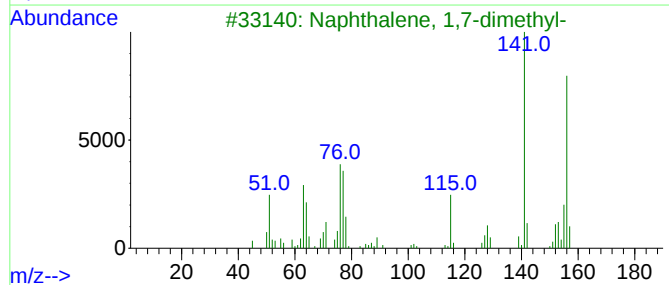
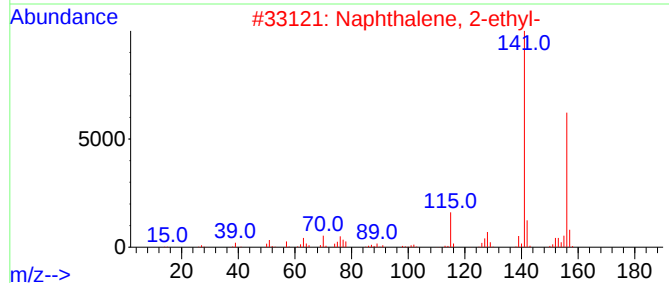
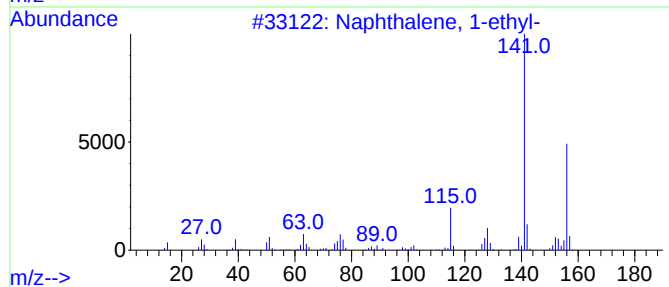
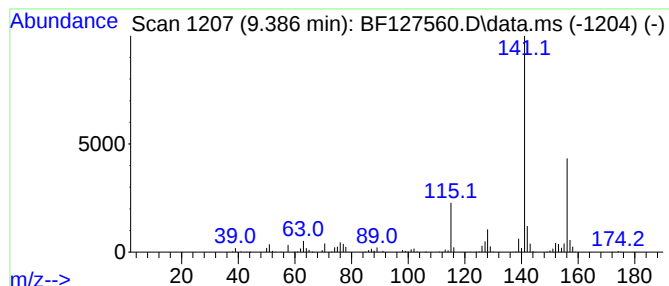
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 1-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.386	35.12 ng	1233690	Acenaphthene-d10	9.875

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	86
4		2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
5		2-Amino-4-tertbutylthiazole	156	C7H12N2S	074370-93-7	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
Data File : BF127560.D
Acq On : 29 Mar 2022 12:41
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SPLP-LEACHATE-AMENDED-COMP-CS-1

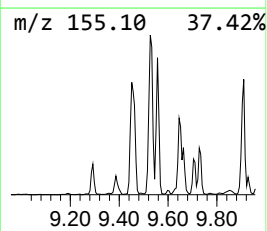
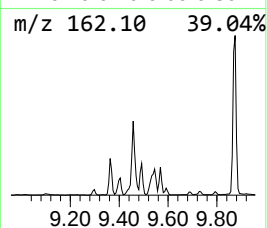
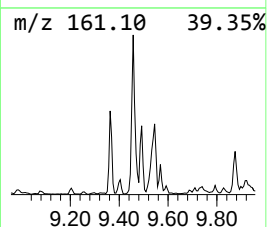
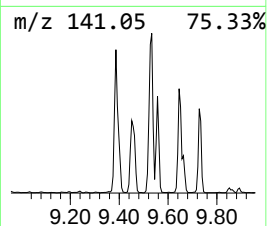
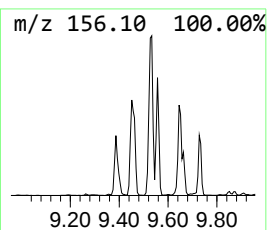
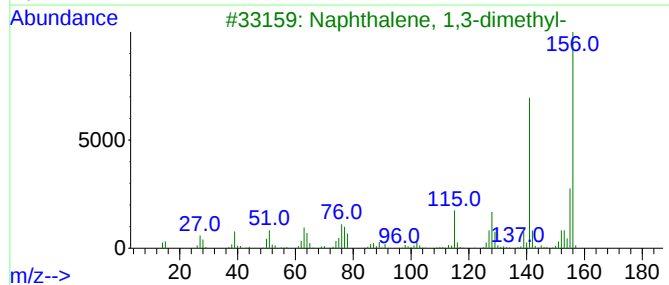
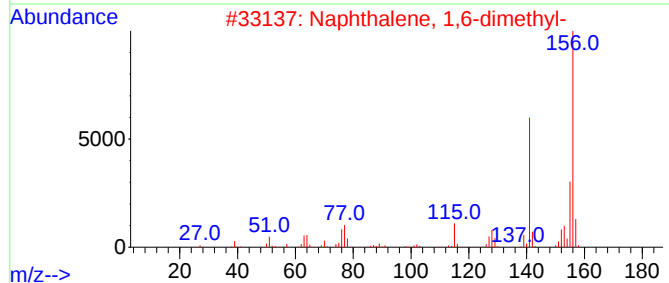
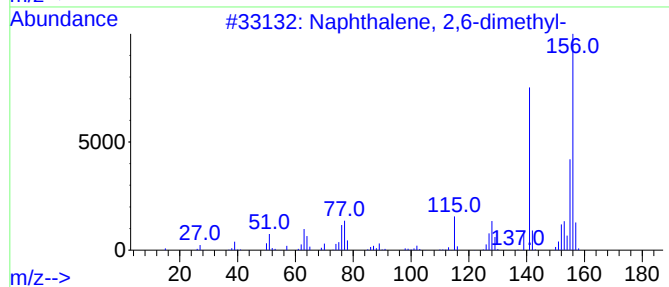
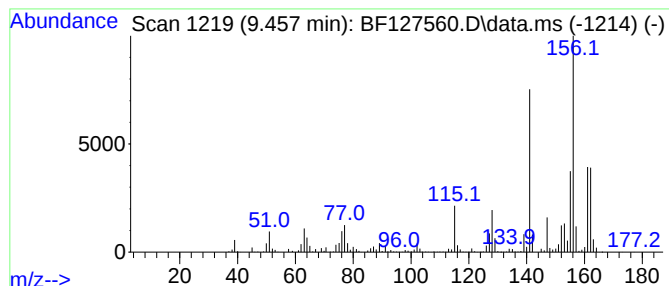
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.457	47.01 ng	1651210	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
Data File : BF127560.D
Acq On : 29 Mar 2022 12:41
Operator : CG\JU
Sample : N2123-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1

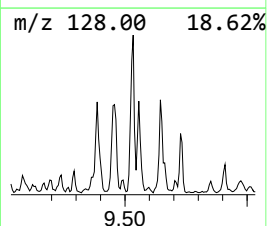
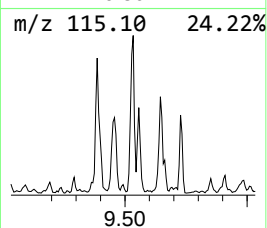
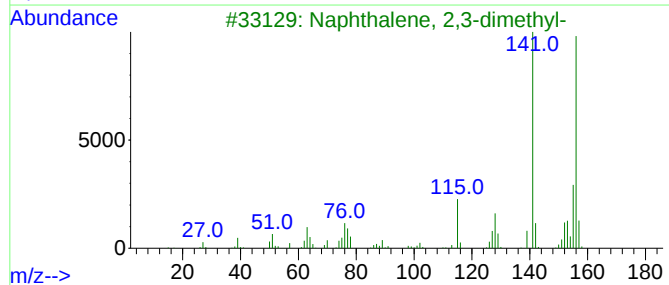
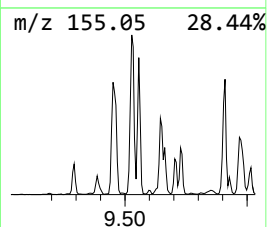
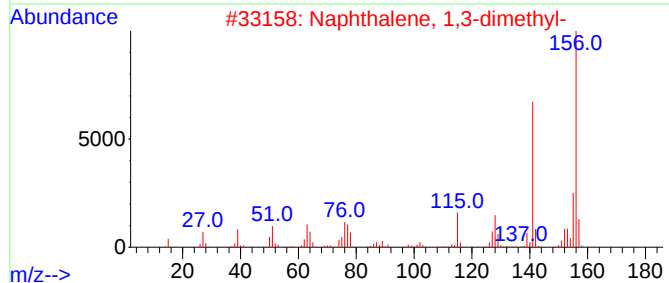
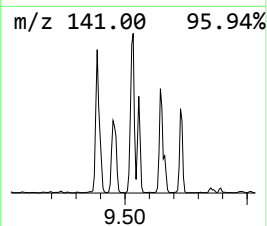
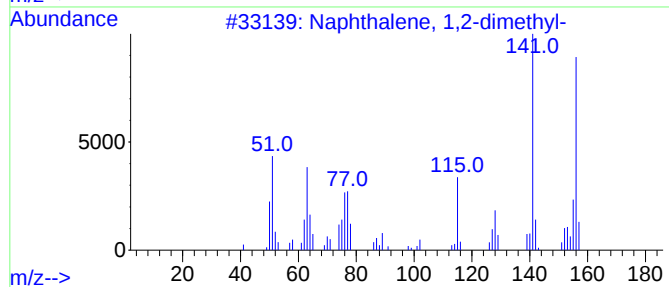
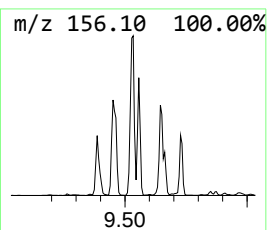
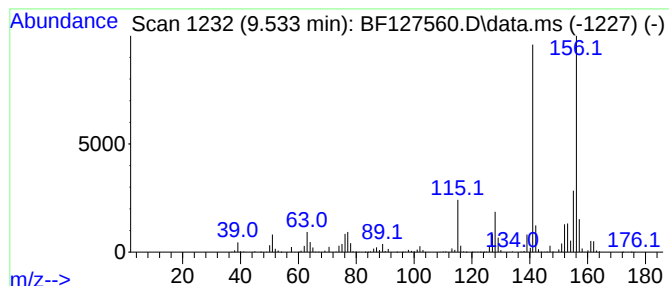
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,2-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.533	61.72 ng	2168100	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
Data File : BF127560.D
Acq On : 29 Mar 2022 12:41
Operator : CG\JU
Sample : N2123-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1

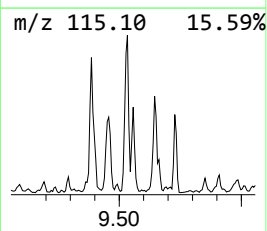
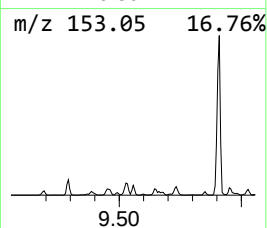
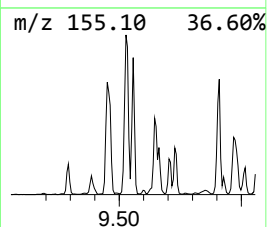
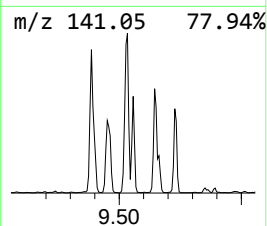
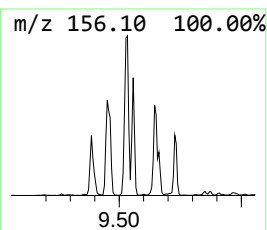
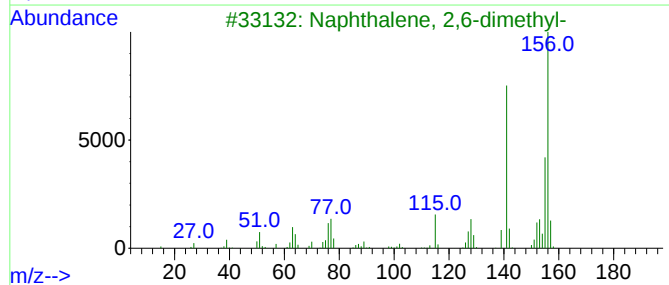
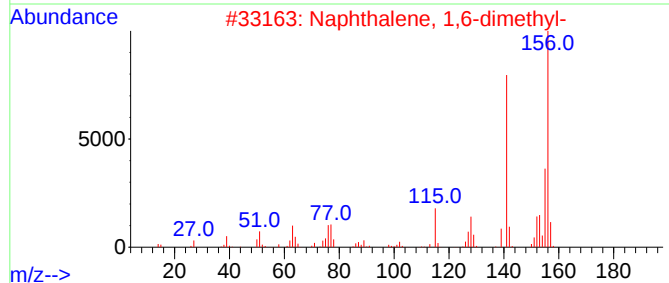
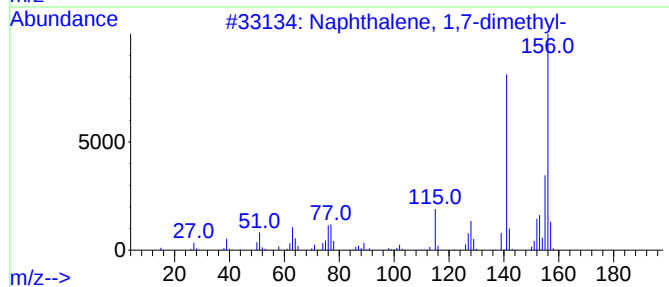
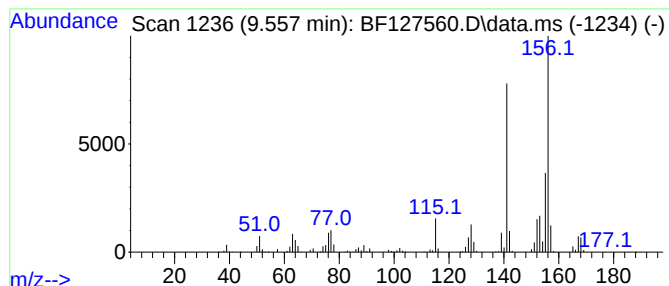
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.557	32.52 ng	1142460	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
Data File : BF127560.D
Acq On : 29 Mar 2022 12:41
Operator : CG\JU
Sample : N2123-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1

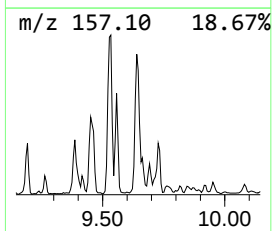
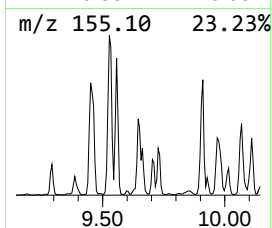
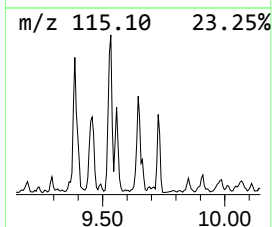
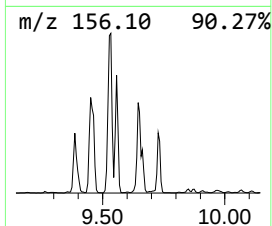
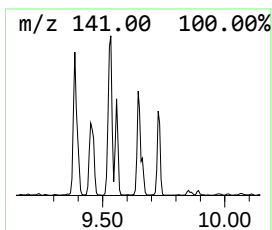
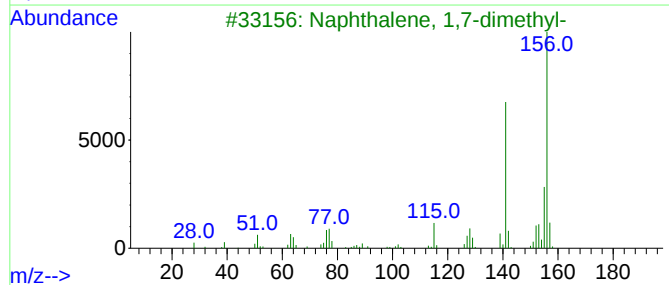
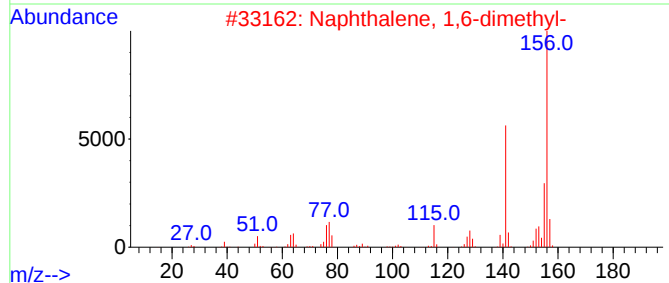
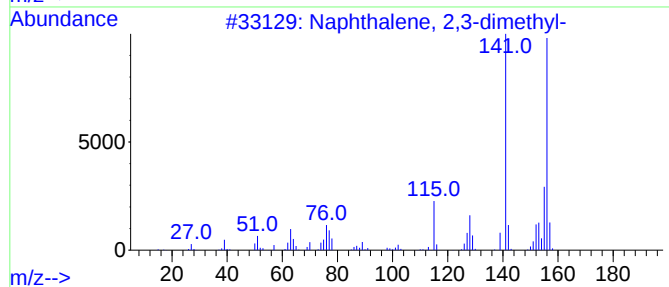
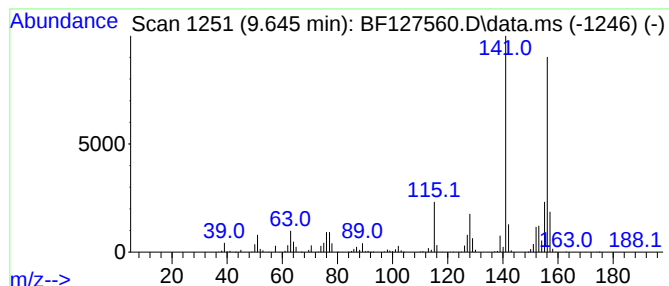
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.645	38.25 ng	1343590	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
Data File : BF127560.D
Acq On : 29 Mar 2022 12:41
Operator : CG\JU
Sample : N2123-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

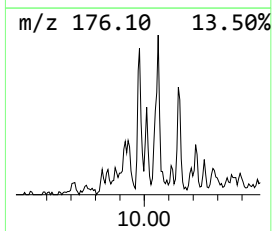
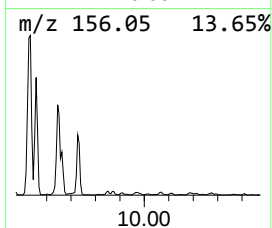
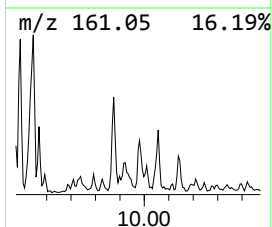
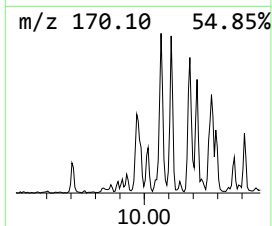
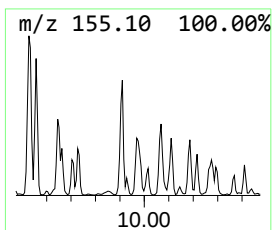
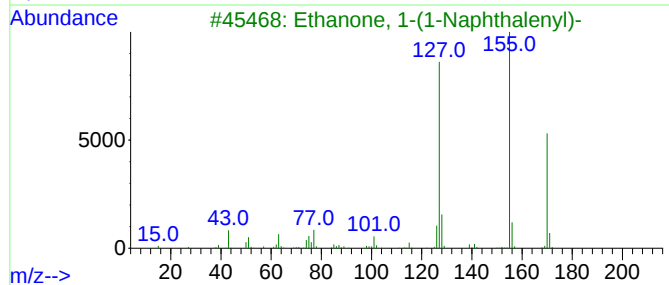
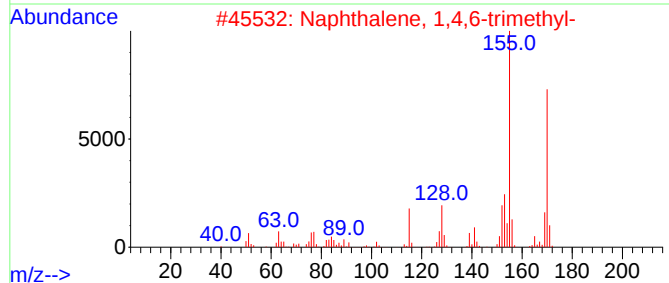
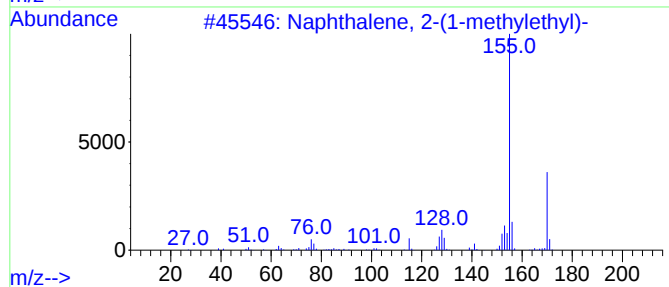
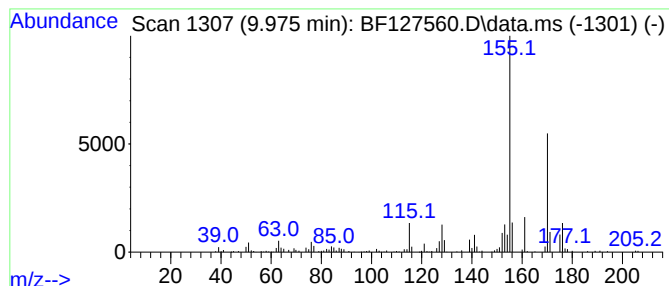
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ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1

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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 Naphthalene, 2-(1-methyleth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.975	9.54 ng	335038	Acenaphthene-d10	9.875	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	72
3	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	64
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
Data File : BF127560.D
Acq On : 29 Mar 2022 12:41
Operator : CG\JU
Sample : N2123-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1

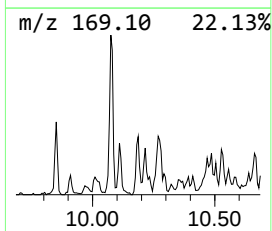
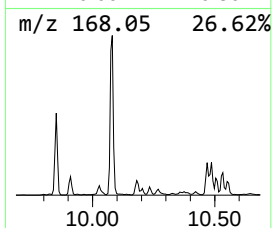
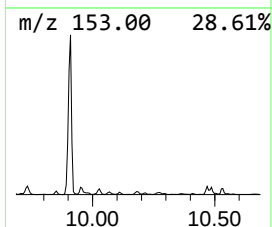
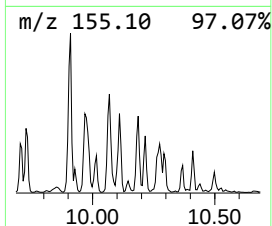
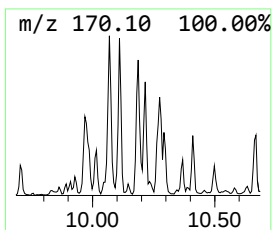
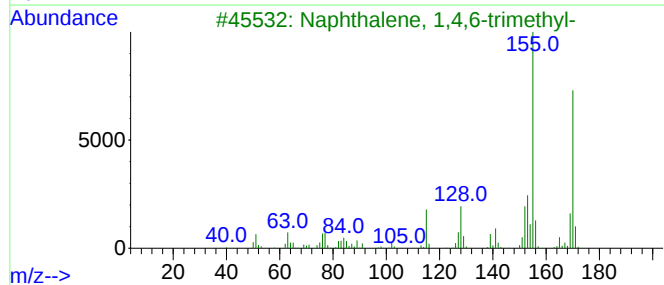
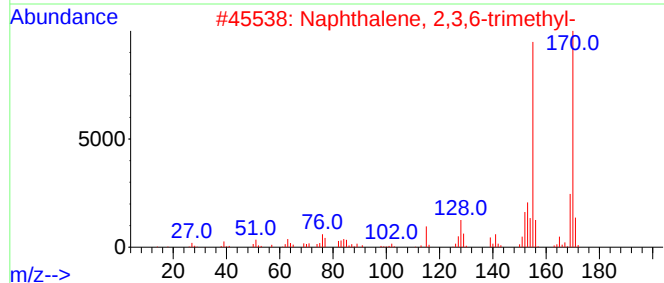
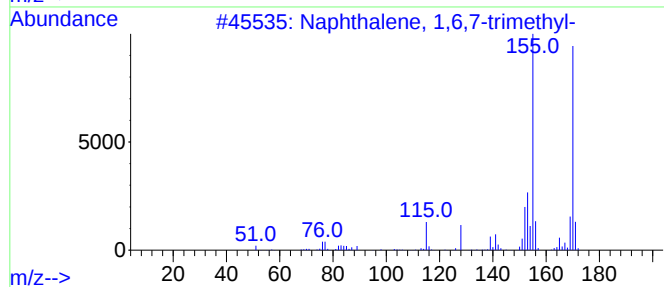
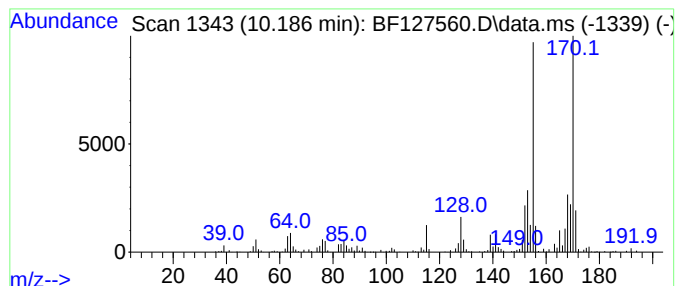
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.186	8.42 ng	295707	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
Data File : BF127560.D
Acq On : 29 Mar 2022 12:41
Operator : CG\JU
Sample : N2123-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1

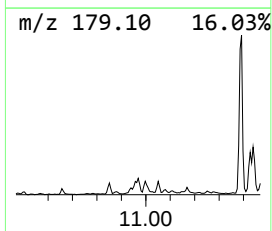
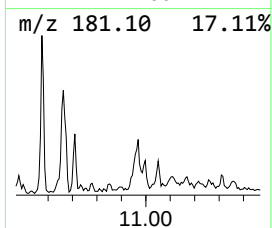
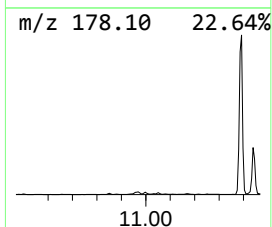
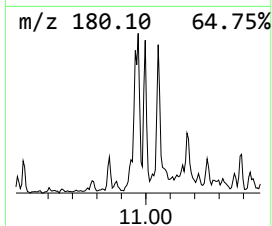
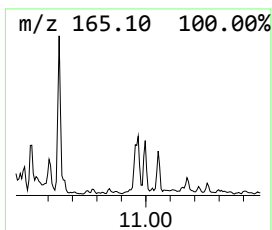
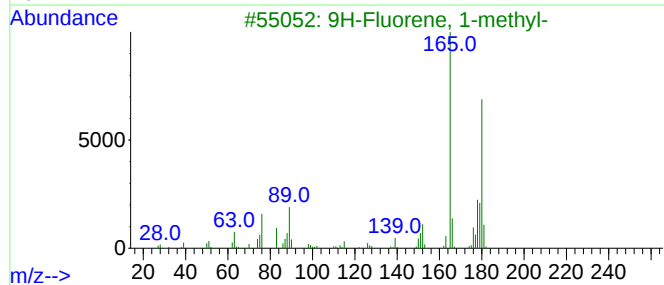
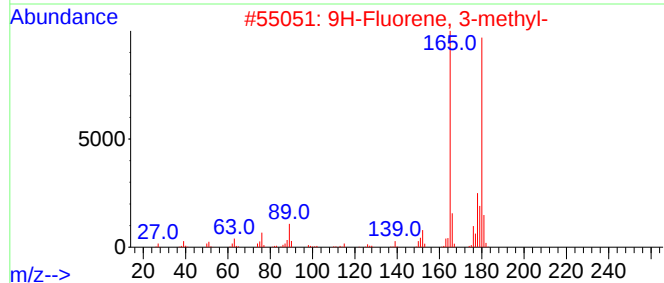
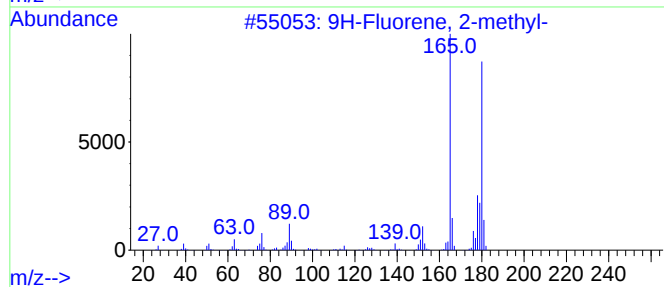
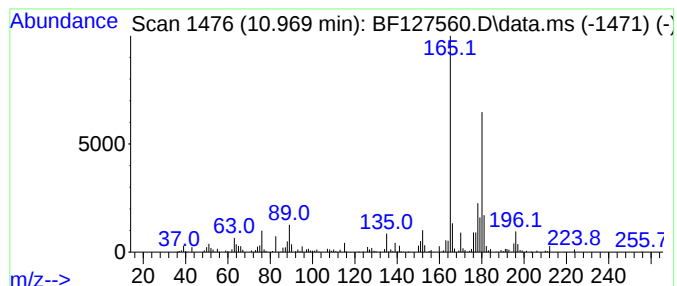
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.969	9.13 ng	249918	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-			180	C14H12	001430-97-3	96
2	9H-Fluorene, 3-methyl-			180	C14H12	002523-39-9	95
3	9H-Fluorene, 1-methyl-			180	C14H12	001730-37-6	93
4	4a,9a-Methano-9H-fluorene			180	C14H12	019540-84-2	86
5	9H-Fluorene, 9-methyl-			180	C14H12	002523-37-7	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
Data File : BF127560.D
Acq On : 29 Mar 2022 12:41
Operator : CG\JU
Sample : N2123-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1

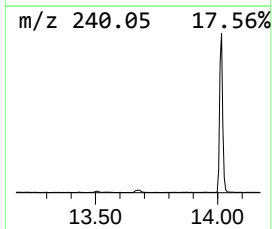
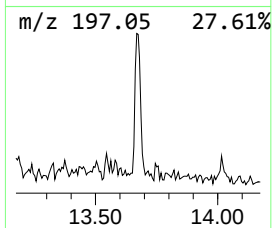
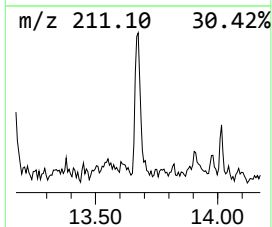
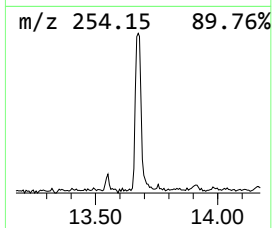
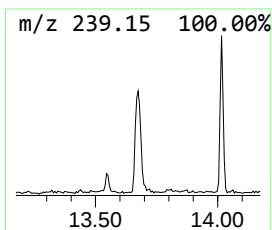
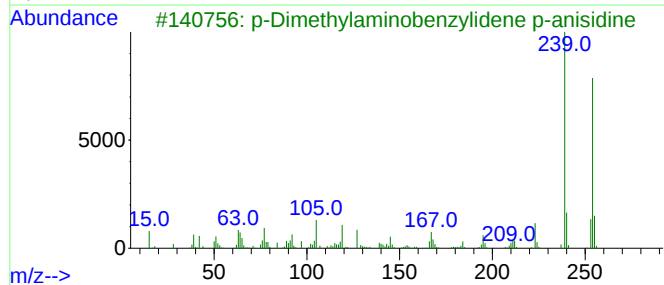
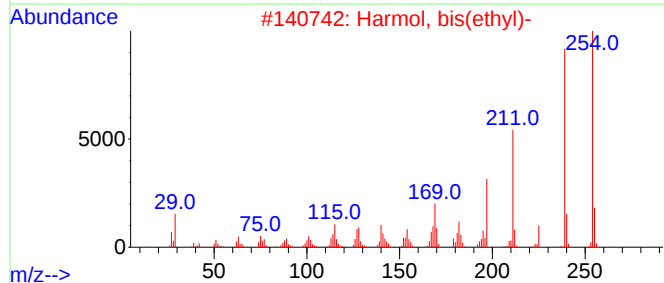
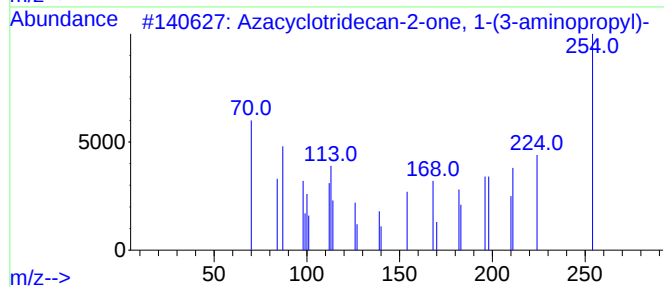
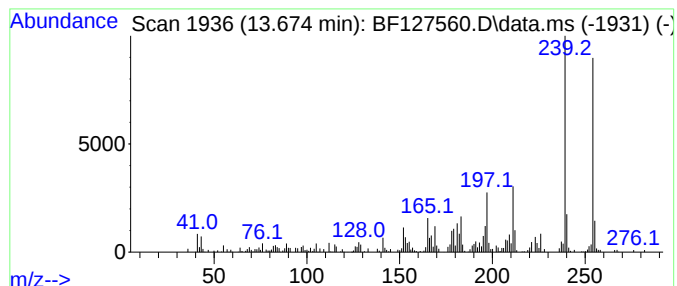
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Azacyclotridecan-2-one, 1-(... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.674	9.57 ng	223663	Chrysene-d12	14.015

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Azacyclotridecan-2-one, 1-(3-ami...	254	C15H30N2O	064414-61-5	95
2			Harmol, bis(ethyl)-	254	C16H18N2O	1000395-82-7	80
3			p-Dimethylaminobenzylidene p-ani...	254	C16H18N2O	001749-04-8	76
4			9H-Thioxanthen-9-one, 2-(1-methy...	254	C16H14O5	005495-84-1	74
5			3-Nitro-9-isopropyl-carbazole	254	C15H14N2O2	022130-02-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
Data File : BF127560.D
Acq On : 29 Mar 2022 12:41
Operator : CG\JU
Sample : N2123-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1

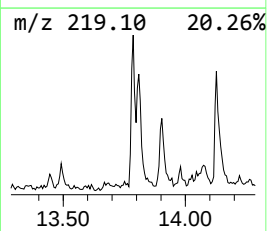
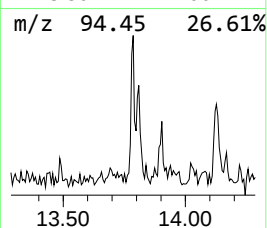
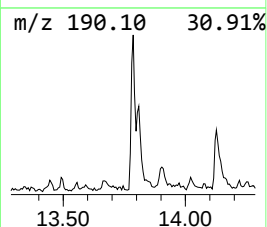
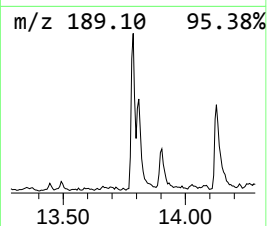
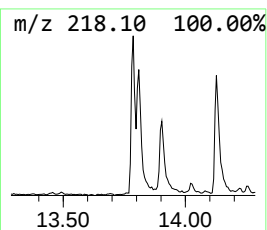
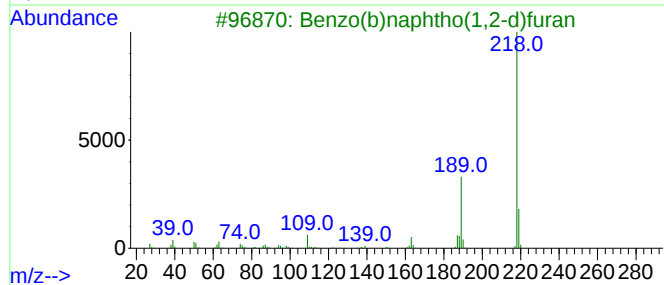
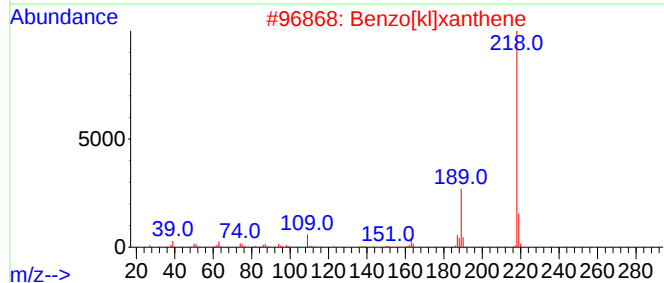
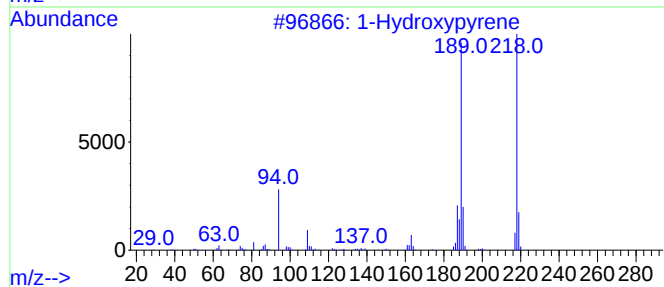
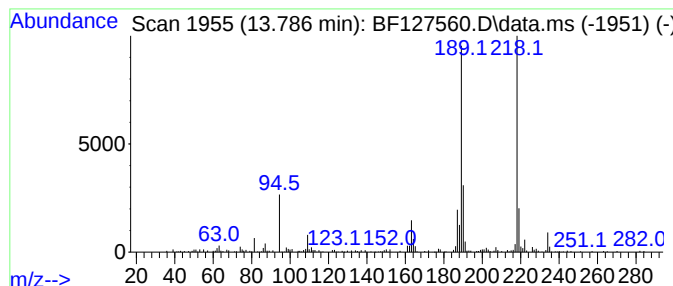
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1-Hydroxypyrene, isopropyl ... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.786	9.37 ng	218906	Chrysene-d12	14.015

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hydroxypyrene	218	C16H10O	005315-79-7	91
2			Benzo[k]xanthene	218	C16H10O	000200-23-7	87
3			Benzo(b)naphtho(1,2-d)furan	218	C16H10O	000205-39-0	74
4			1-Hydroxypyrene, isopropyl ether	260	C19H16O	1000453-42-9	64
5			Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
Data File : BF127560.D
Acq On : 29 Mar 2022 12:41
Operator : CG\JU
Sample : N2123-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

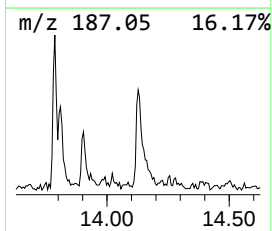
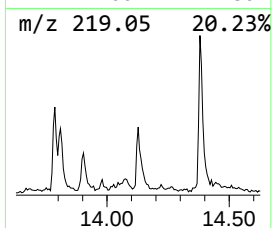
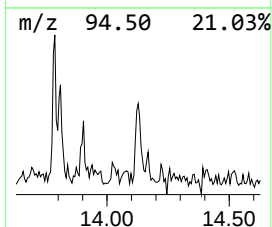
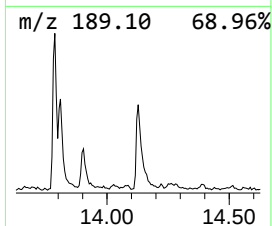
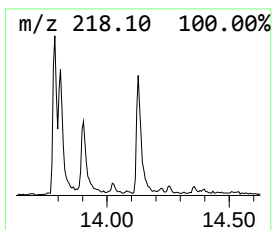
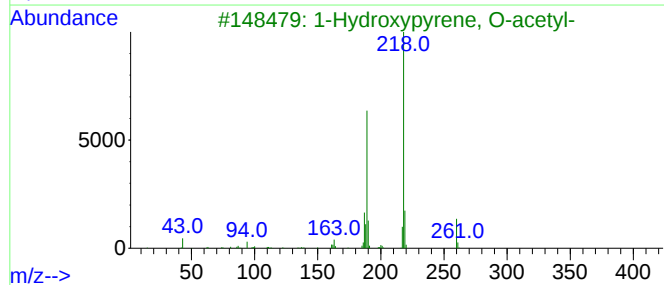
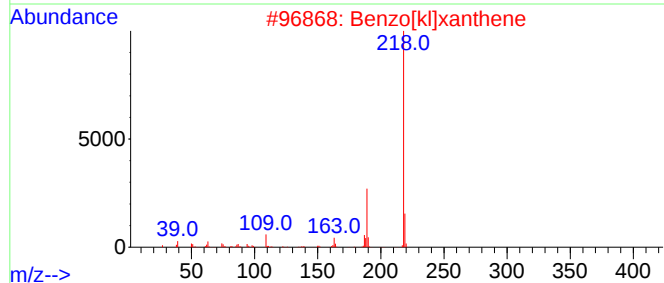
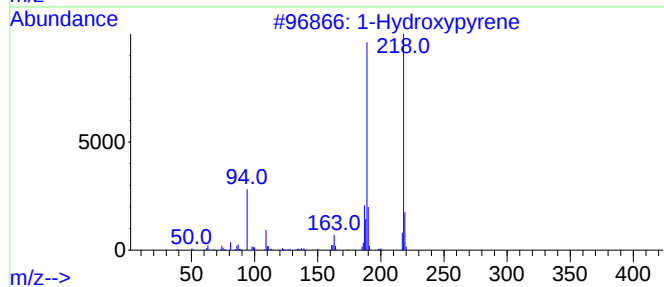
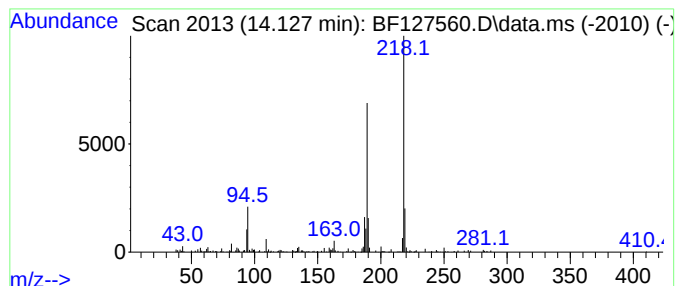
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ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Hydroxypyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.127	13.58 ng	317495	Chrysene-d12		14.015	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Hydroxypyrene		218	C16H10O	005315-79-7	93
2	Benzo[kl]xanthene		218	C16H10O	000200-23-7	83
3	1-Hydroxypyrene, O-acetyl-		260	C18H12O2	1000453-44-3	80
4	1-Hydroxypyrene, butyl ether		274	C20H18O	1000453-43-2	80
5	1-Hydroxypyrene, 2-butyl ether		274	C20H18O	1000453-43-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
 Data File : BF127560.D
 Acq On : 29 Mar 2022 12:41
 Operator : CG\JU
 Sample : N2123-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-COMP-CS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.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
Benzene, 1,3-di...	5.675	11.9	ng	321794	1	6.834	540815	20.0
Benzene, 1-ethy...	6.351	15.4	ng	416471	1	6.834	540815	20.0
Benzene, 1-ethy...	6.381	10.6	ng	286825	1	6.834	540815	20.0
Mesitylene	6.651	32.5	ng	878773	1	6.834	540815	20.0
Benzene, 1,2,3-...	6.886	16.2	ng	437002	1	6.834	540815	20.0
Indane	7.010	23.5	ng	635351	1	6.834	540815	20.0
Indene	7.092	43.0	ng	1162230	1	6.834	540815	20.0
o-Cymene	7.316	10.6	ng	285890	1	6.834	540815	20.0
Naphthalene, 1-...	9.386	35.1	ng	1233690	3	9.875	702548	20.0
Naphthalene, 2-...	9.457	47.0	ng	1651210	3	9.875	702548	20.0
Naphthalene, 1,...	9.533	61.7	ng	2168100	3	9.875	702548	20.0
Naphthalene, 1,...	9.557	32.5	ng	1142460	3	9.875	702548	20.0
Naphthalene, 2,...	9.645	38.3	ng	1343590	3	9.875	702548	20.0
Naphthalene, 2-...	9.975	9.5	ng	335038	3	9.875	702548	20.0
Naphthalene, 1,...	10.186	8.4	ng	295707	3	9.875	702548	20.0
9H-Fluorene, 2-...	10.969	9.1	ng	249918	4	11.363	547560	20.0
Azacyclotrideca...	13.674	9.6	ng	223663	5	14.015	467463	20.0
1-Hydroxypyrene...	13.786	9.4	ng	218906	5	14.015	467463	20.0
1-Hydroxypyrene	14.127	13.6	ng	317495	5	14.015	467463	20.0