

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
 Data File : BF127525.D
 Acq On : 25 Mar 2022 13:46
 Operator : CG\JU
 Sample : N2104-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-A229

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: BF127525.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.816	255	260	265	rBV	25719	42051	1.24%	0.161%
2	5.475	538	542	564	rBV	1235200	1363385	40.20%	5.206%
3	6.369	690	694	697	rBV	40348	37833	1.12%	0.144%
4	6.440	704	706	711	rVB	95835	84981	2.51%	0.324%
5	6.481	711	713	719	rBV	769750	835990	24.65%	3.192%
6	6.528	719	721	728	rVB	59312	65701	1.94%	0.251%
7	6.663	742	744	748	rBV	41024	36187	1.07%	0.138%
8	6.845	772	775	781	rBV	709745	598413	17.64%	2.285%
9	6.898	781	784	790	rVB2	157120	150152	4.43%	0.573%
10	7.116	818	821	825	rVB	54342	49694	1.47%	0.190%
11	7.157	825	828	836	rVB	127365	117950	3.48%	0.450%
12	7.234	836	841	844	rBV	41220	41386	1.22%	0.158%
13	7.375	860	865	868	rVB	87195	80551	2.37%	0.308%
14	7.416	868	872	875	rBV	1998352	1923493	56.71%	7.345%
15	7.481	880	883	887	rVB2	87946	85583	2.52%	0.327%
16	7.522	887	890	893	rBV3	51060	54104	1.60%	0.207%
17	7.616	903	906	908	rBV2	113053	137190	4.04%	0.524%
18	7.634	908	909	913	rVB	113009	77351	2.28%	0.295%
19	7.710	919	922	926	rBV2	70384	80241	2.37%	0.306%
20	7.745	926	928	930	rVV	62462	58953	1.74%	0.225%
21	7.775	930	933	935	rVV2	103196	121957	3.60%	0.466%
22	7.798	935	937	941	rVV3	77902	85576	2.52%	0.327%
23	7.863	942	948	951	rVV2	145944	156841	4.62%	0.599%
24	7.898	951	954	957	rVV2	53298	63024	1.86%	0.241%
25	7.928	957	959	963	rVB2	30773	39554	1.17%	0.151%
26	8.063	979	982	985	rBV3	38505	44455	1.31%	0.170%
27	8.092	985	987	989	rVV	70400	70153	2.07%	0.268%
28	8.128	990	993	999	rVV	886768	884526	26.08%	3.378%
29	8.169	999	1000	1003	rVV2	68732	56622	1.67%	0.216%
30	8.204	1003	1006	1010	rVB2	32575	39588	1.17%	0.151%
31	8.404	1038	1040	1041	rBV	43393	35049	1.03%	0.134%
32	8.504	1052	1057	1060	rBV4	28014	45436	1.34%	0.173%
33	8.534	1060	1062	1064	rVB	52518	37634	1.11%	0.144%
34	8.628	1075	1078	1080	rBV	45527	38211	1.13%	0.146%
35	8.704	1085	1091	1095	rBV2	213921	200997	5.93%	0.768%
36	8.939	1128	1131	1134	rBV	203033	163144	4.81%	0.623%

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Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

37	9.133	1162	1164	1166	rBV	43215	34444	1.02%	0.132%
38	9.204	1171	1176	1179	rBV	3528152	3132601	92.36%	11.962%
39	9.269	1183	1187	1190	rBV	196753	153050	4.51%	0.584%
40	9.304	1190	1193	1196	rBV	85177	77154	2.27%	0.295%
41	9.463	1217	1220	1225	rBV2	79005	116917	3.45%	0.446%
42	9.539	1229	1233	1236	rVV	140379	143467	4.23%	0.548%
43	9.569	1236	1238	1244	rVB2	88124	116572	3.44%	0.445%
44	9.663	1250	1254	1261	rVB4	64483	111527	3.29%	0.426%
45	9.798	1274	1277	1281	rVB	150383	118863	3.50%	0.454%
46	9.886	1286	1292	1295	rVV2	1013941	1055318	31.11%	4.030%
47	9.916	1295	1297	1301	rVV2	96259	92070	2.71%	0.352%
48	9.998	1304	1311	1313	rBV5	41894	65135	1.92%	0.249%
49	10.057	1319	1321	1323	rBV	45273	40225	1.19%	0.154%
50	10.092	1323	1327	1330	rVB2	59010	67889	2.00%	0.259%
51	10.122	1330	1332	1336	rVB3	39541	39543	1.17%	0.151%
52	10.157	1336	1338	1342	rBV	42810	35477	1.05%	0.135%
53	10.286	1355	1360	1361	rBV	98082	110345	3.25%	0.421%
54	10.298	1361	1362	1366	rVB	115807	84984	2.51%	0.325%
55	10.433	1378	1385	1391	rBV2	61119	80748	2.38%	0.308%
56	10.522	1394	1400	1407	rBV3	114726	154491	4.55%	0.590%
57	10.680	1423	1427	1432	rBV	2233661	2094162	61.74%	7.997%
58	10.775	1440	1443	1446	rBV2	41117	53527	1.58%	0.204%
59	10.810	1446	1449	1454	rVB3	63736	75007	2.21%	0.286%
60	10.975	1473	1477	1482	rBV2	65722	91246	2.69%	0.348%
61	11.269	1523	1527	1531	rVB	54992	68590	2.02%	0.262%
62	11.380	1542	1546	1548	rBV	1001638	910830	26.85%	3.478%
63	11.404	1548	1550	1552	rVV	105478	81626	2.41%	0.312%
64	11.439	1552	1556	1561	rVB5	49742	68666	2.02%	0.262%
65	11.616	1580	1586	1590	rBV	201445	217157	6.40%	0.829%
66	11.663	1590	1594	1596	rVV	119205	133014	3.92%	0.508%
67	11.680	1596	1597	1601	rVV2	61086	56754	1.67%	0.217%
68	11.716	1601	1603	1608	rVV	59256	73068	2.15%	0.279%
69	11.927	1636	1639	1644	rVB	78345	72969	2.15%	0.279%
70	11.969	1644	1646	1653	rBV2	45393	58071	1.71%	0.222%
71	12.069	1659	1663	1669	rBV6	26937	49536	1.46%	0.189%
72	12.363	1710	1713	1717	rBV	72048	61471	1.81%	0.235%
73	12.598	1750	1753	1756	rBV2	37528	34704	1.02%	0.133%
74	12.633	1756	1759	1763	rVV	917018	726294	21.41%	2.773%
75	12.963	1811	1815	1819	rBV	3259540	3391724	100.00%	12.951%
76	13.151	1843	1847	1854	rBV	32488	43235	1.27%	0.165%

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

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

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.639	1925	1930	1933	rBV	2444021	2130499	62.81%	8.135%
78	13.880	1966	1971	1981	rBV4	53115	130270	3.84%	0.497%
79	14.027	1993	1996	2004	rVB	872740	752486	22.19%	2.873%
80	14.686	2104	2108	2112	rBV	401760	358803	10.58%	1.370%
81	15.510	2244	2248	2258	rVB	435106	560422	16.52%	2.140%
82	15.910	2312	2316	2325	rVB2	41632	59494	1.75%	0.227%

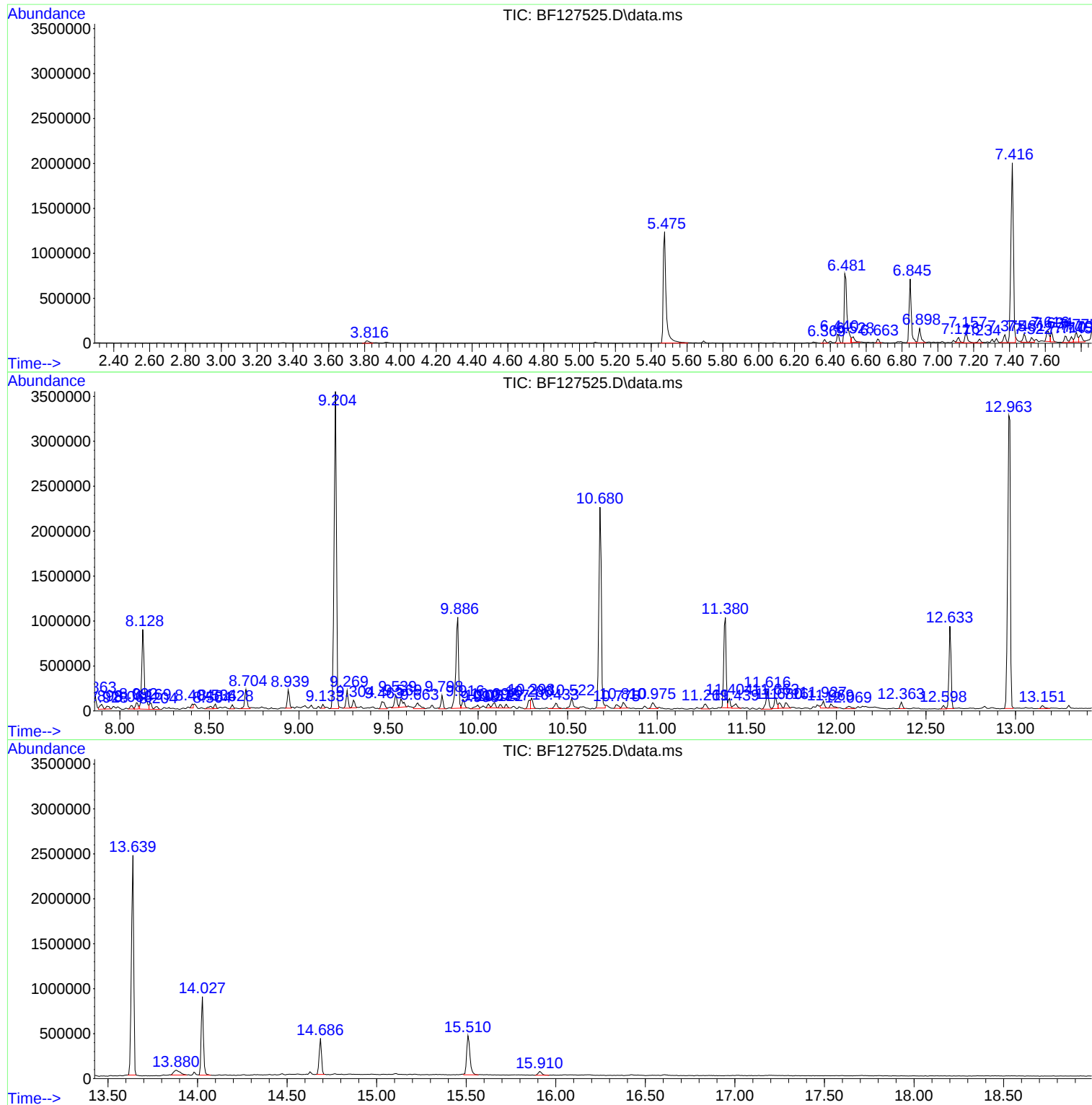
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : N2104-01
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ALS Vial : 9 Sample Multiplier: 1

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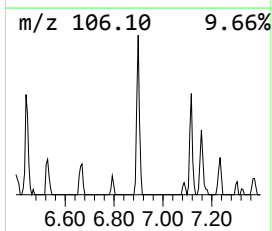
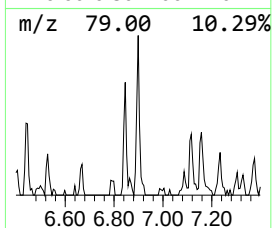
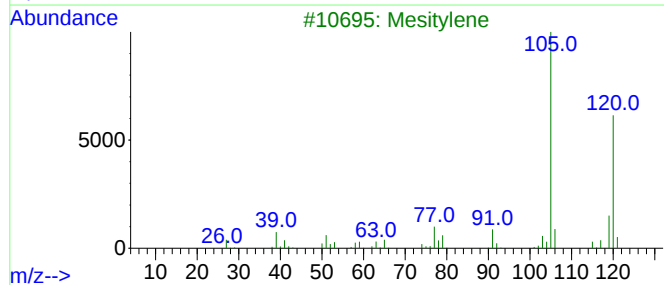
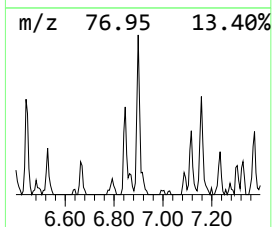
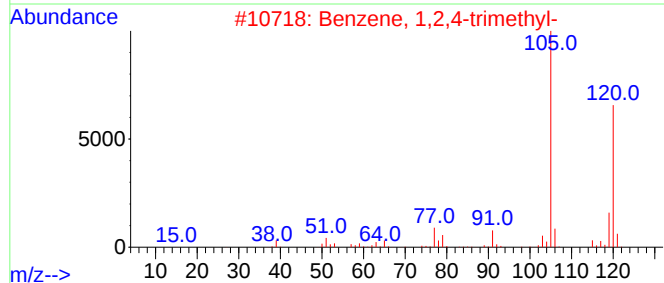
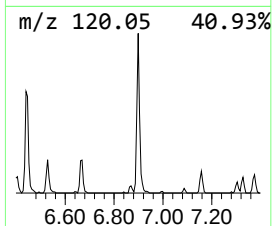
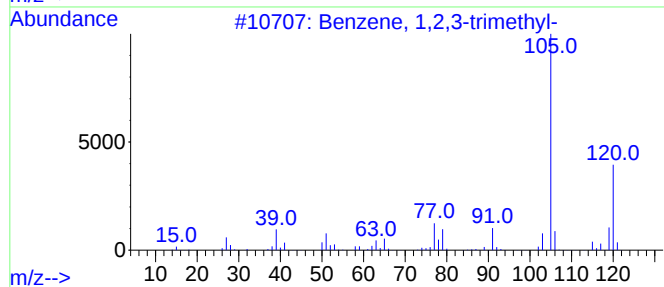
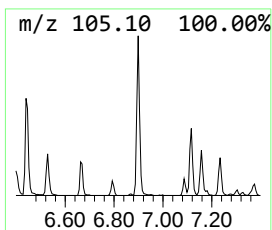
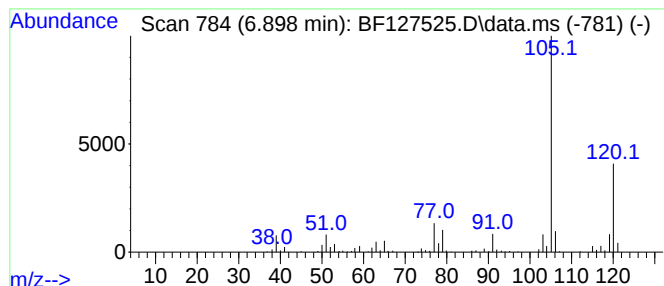
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.898	5.02 ng	150152	1,4-Dichlorobenzene-d4	6.845

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



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ALS Vial : 9 Sample Multiplier: 1

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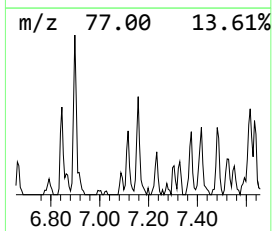
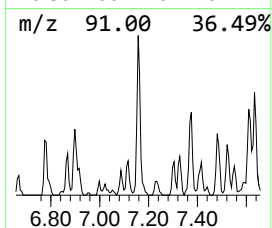
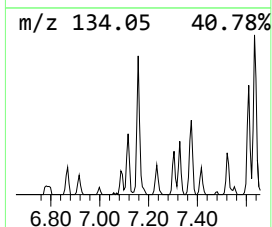
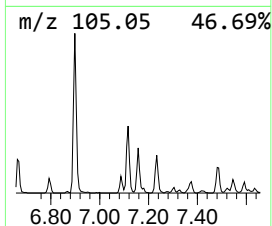
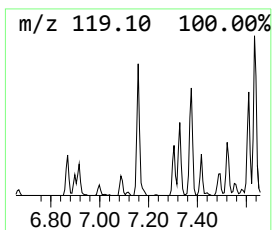
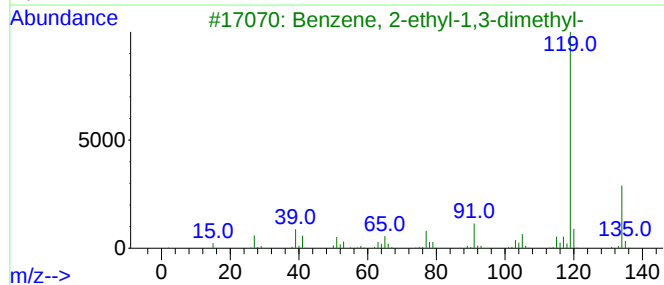
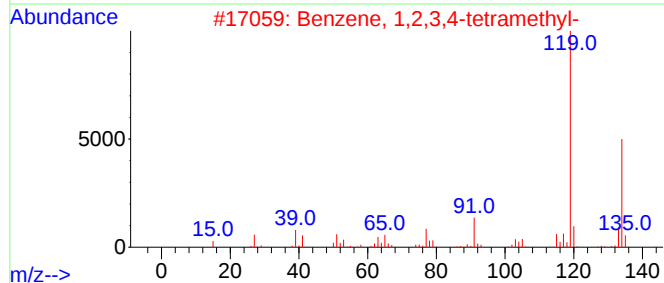
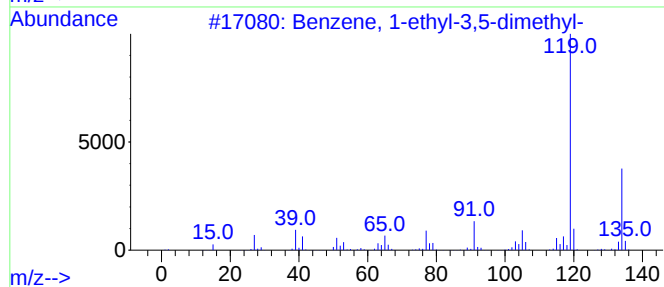
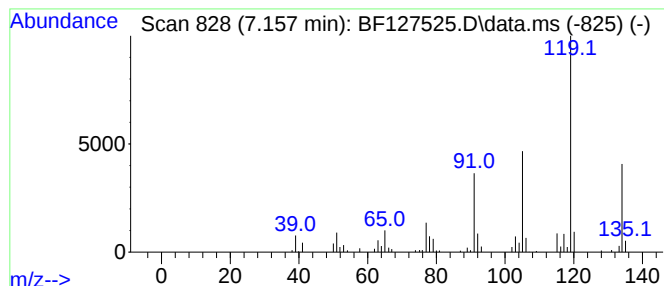
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.157	3.94 ng	117950	1,4-Dichlorobenzene-d4	6.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	96
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



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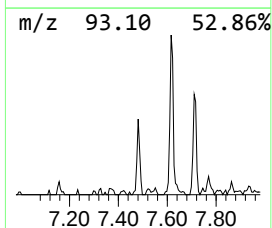
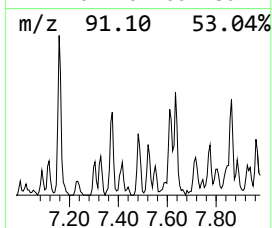
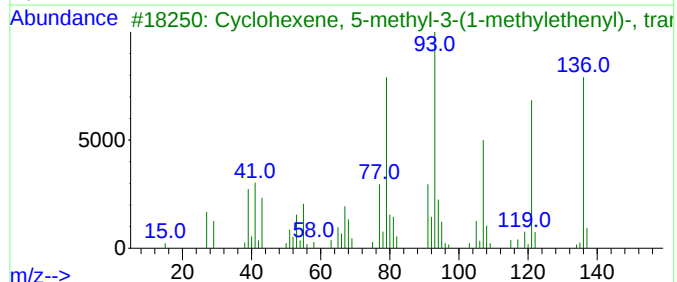
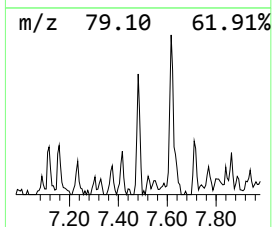
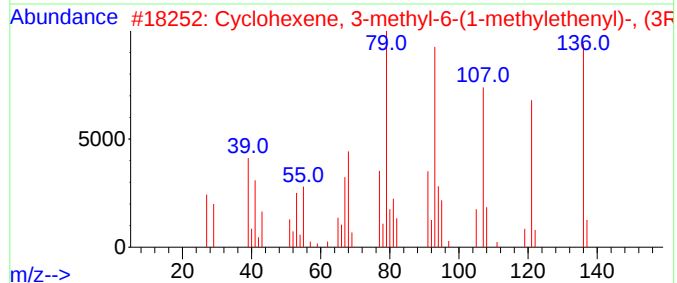
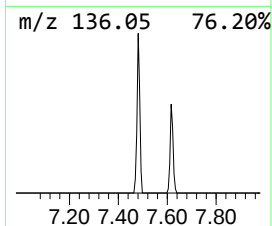
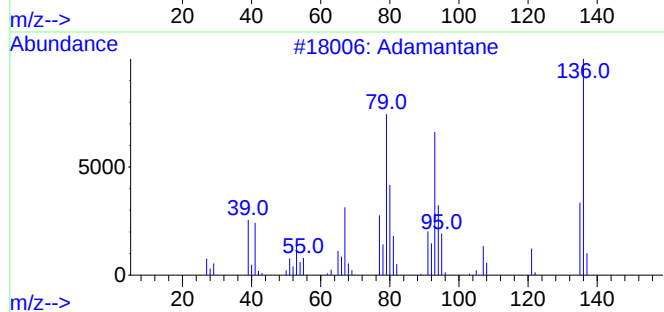
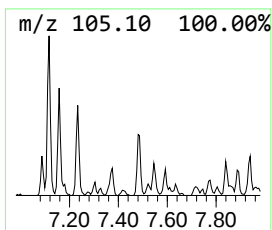
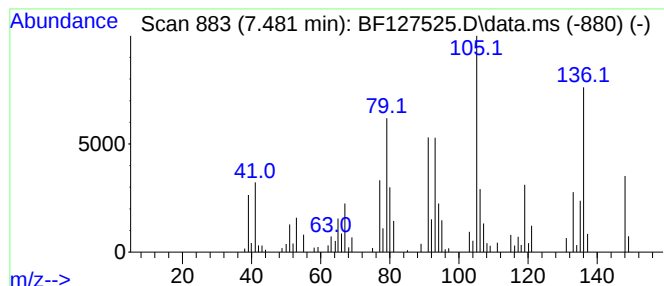
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Adamantane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.481	2.86 ng	85583	1,4-Dichlorobenzene-d4	6.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Adamantane	136	C10H16	000281-23-2	98
2			Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	005113-87-1	49
3			Cyclohexene, 5-methyl-3-(1-methy...	136	C10H16	056816-08-1	49
4			1H-Inden-1-one, 2,3,4,5,6,7-hexa...	136	C9H12O	022118-00-9	49
5			Bicyclo[3.3.1]non-6-en-2-one	136	C9H12O	022482-58-2	45



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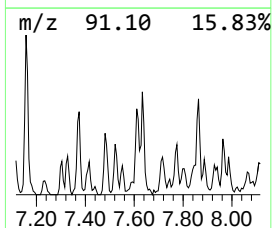
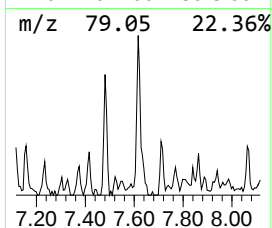
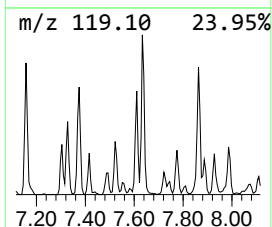
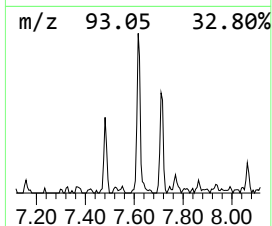
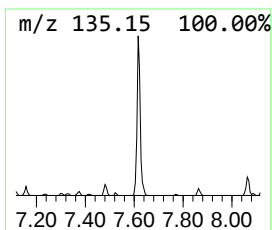
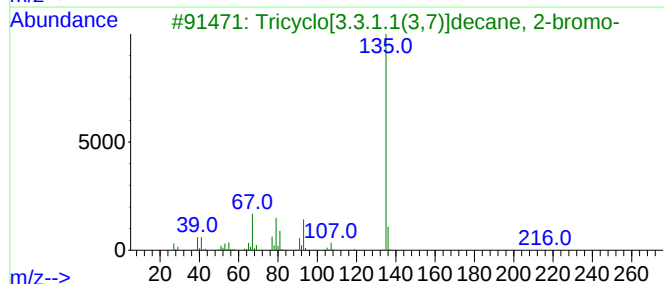
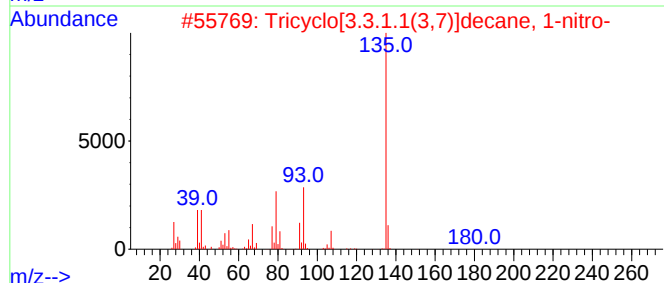
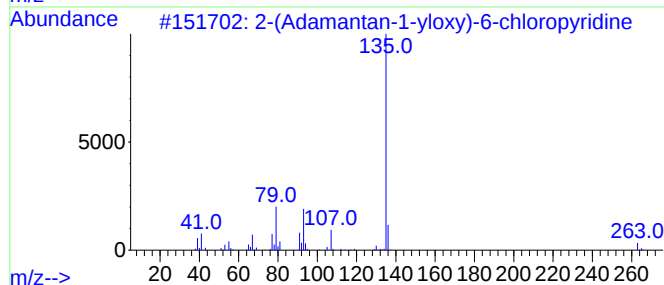
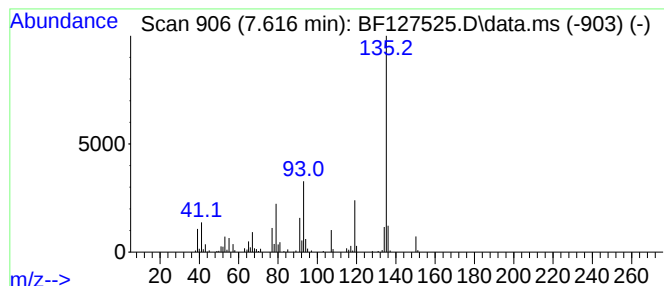
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 2-(Adamantan-1-yloxy)-6-chl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.616	3.10 ng	137190	Naphthalene-d8	8.128

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(Adamantan-1-yloxy)-6-chloropy...	263	C15H18ClNO	1000411-33-6	72		
2	Tricyclo[3.3.1.1(3,7)]decane, 1-...	181	C10H15NO2	007575-82-8	64		
3	Tricyclo[3.3.1.1(3,7)]decane, 2-...	214	C10H15Br	007314-85-4	64		
4	1-Bromoadamantane	214	C10H15Br	000768-90-1	64		
5	1-Iodoadamantane	262	C10H15I	000768-93-4	64		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
Data File : BF127525.D
Acq On : 25 Mar 2022 13:46
Operator : CG\JU
Sample : N2104-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-A229

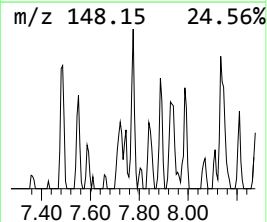
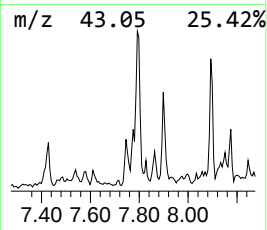
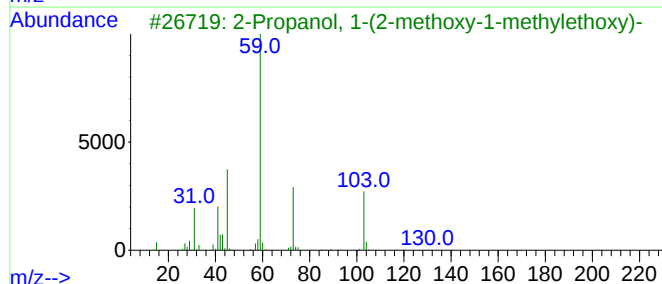
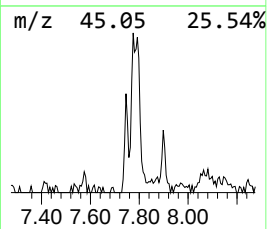
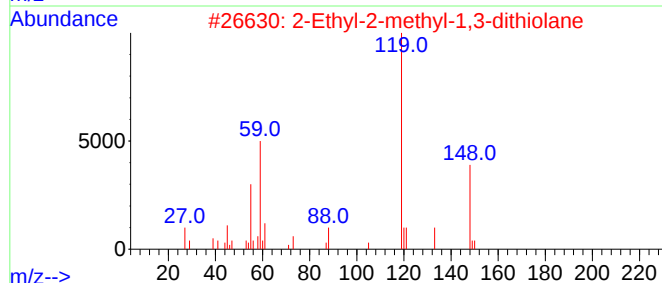
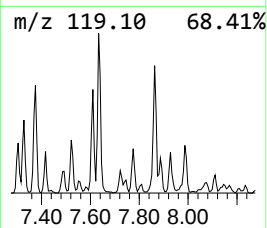
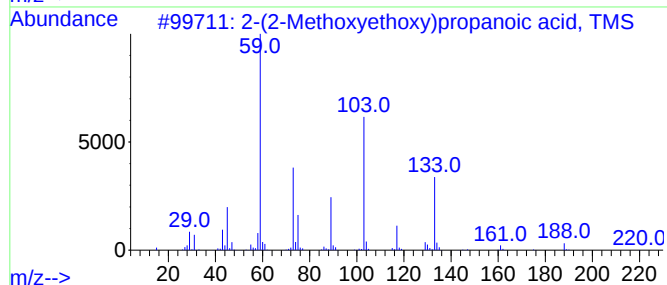
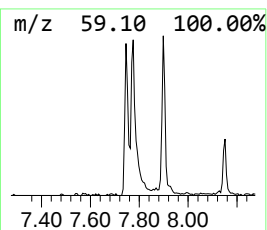
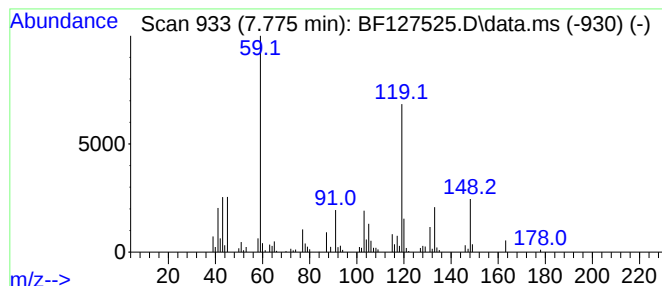
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown7.775 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.775	2.76 ng	121957	Naphthalene-d8	8.128

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Methoxyethoxy)propanoic aci...	220	C9H20O4Si	1000506-61-6	43		
2	2-Ethyl-2-methyl-1,3-dithiolane	148	C6H12S2	006008-81-7	42		
3	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	38		
4	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	35		
5	1-(1-tert-Butoxypropan-2-yloxy)p...	190	C10H22O3	132739-31-2	35		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
Data File : BF127525.D
Acq On : 25 Mar 2022 13:46
Operator : CG\JU
Sample : N2104-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-A229

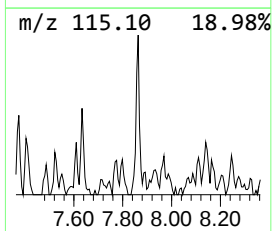
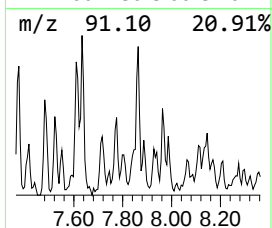
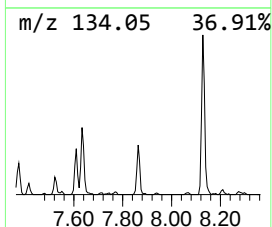
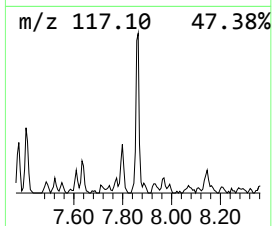
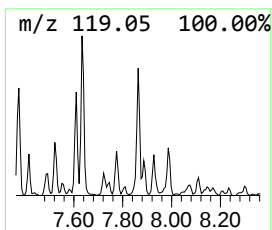
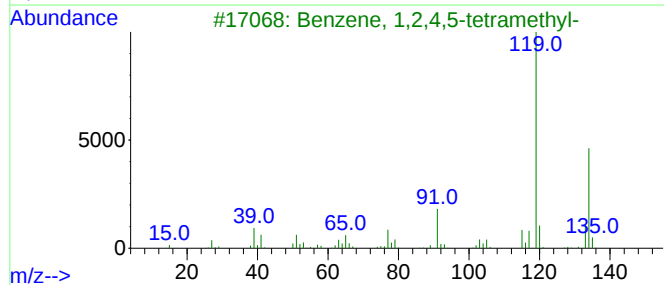
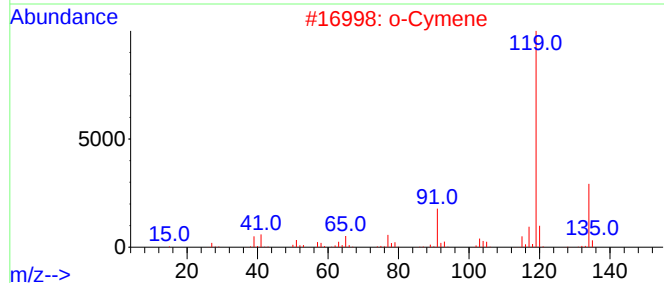
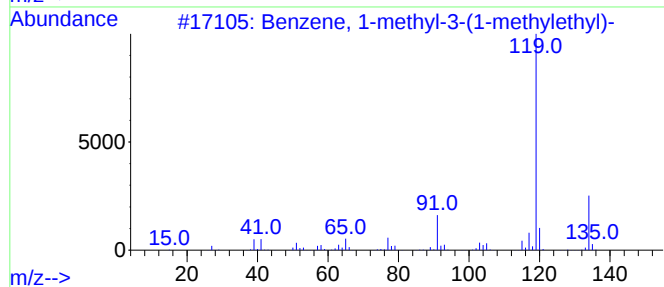
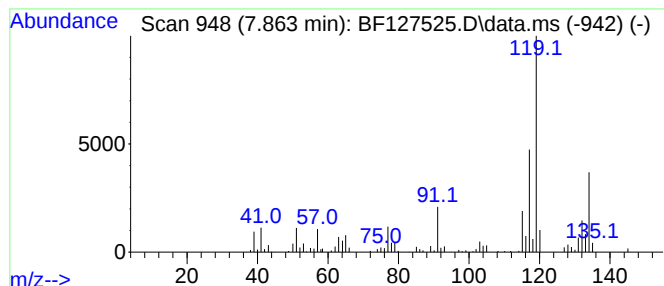
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1-methyl-3-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.863	3.55 ng	156841	Naphthalene-d8	8.128

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
2		o-Cymene	134	C10H14	000527-84-4	64
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
4		p-Cymene	134	C10H14	000099-87-6	64
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
Data File : BF127525.D
Acq On : 25 Mar 2022 13:46
Operator : CG\JU
Sample : N2104-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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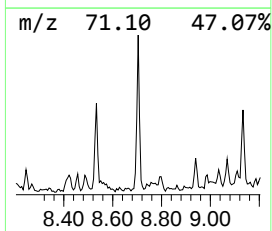
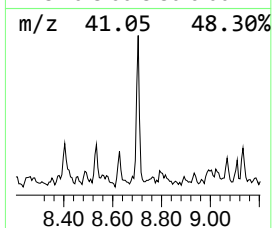
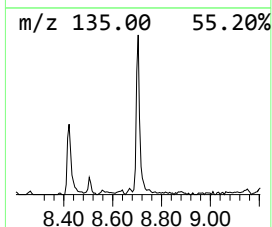
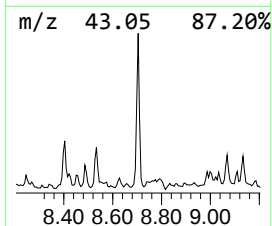
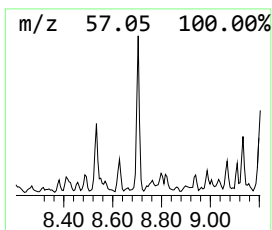
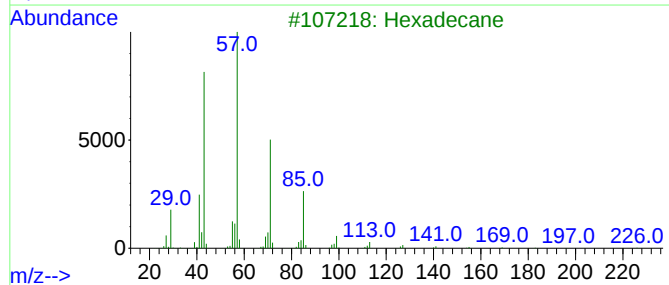
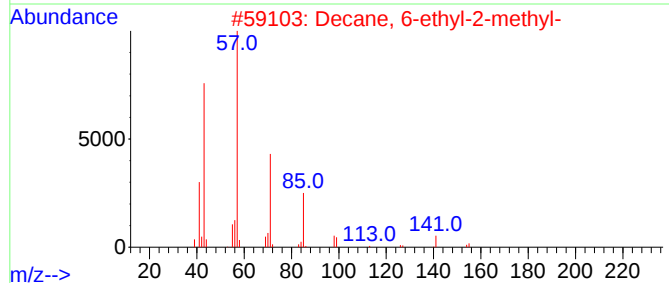
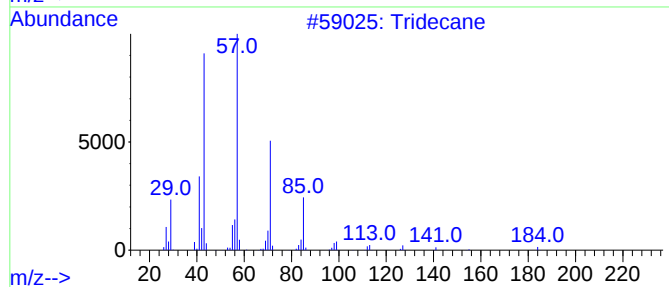
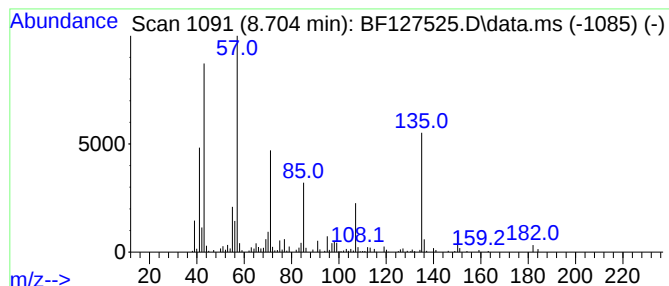
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.704	4.54 ng	200997	Naphthalene-d8	8.128

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	50
2			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	43
3			Hexadecane	226	C16H34	000544-76-3	43
4			Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	42
5			Dodecane, 2-methyl-	184	C13H28	001560-97-0	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
Data File : BF127525.D
Acq On : 25 Mar 2022 13:46
Operator : CG\JU
Sample : N2104-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FRAC-TANK-A229

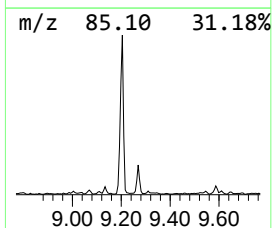
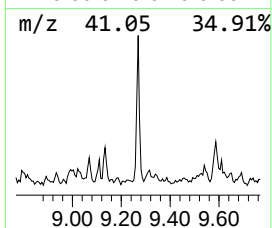
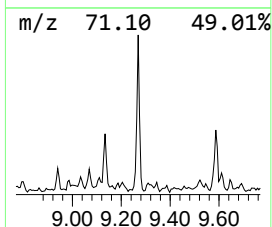
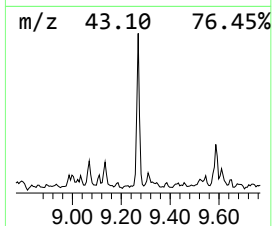
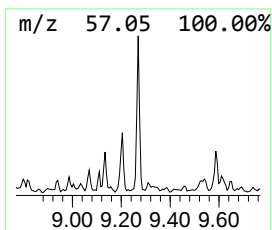
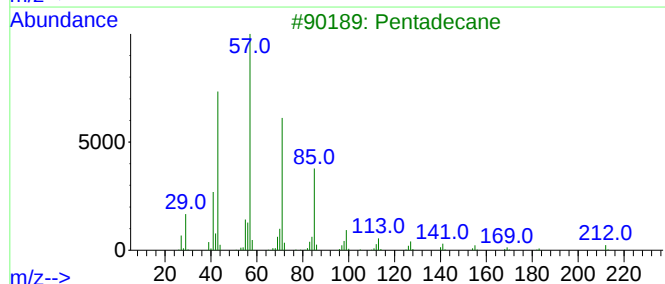
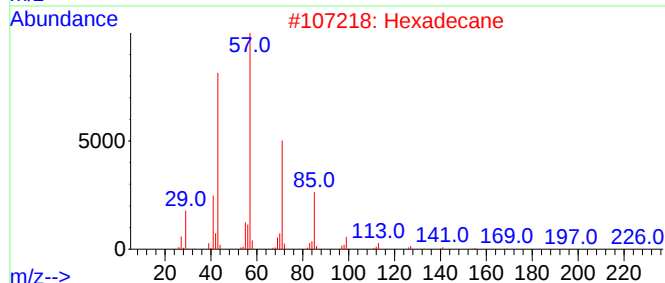
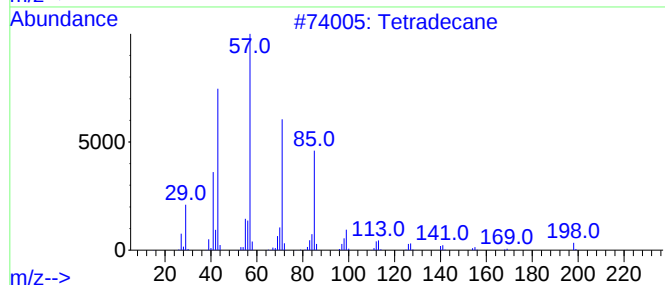
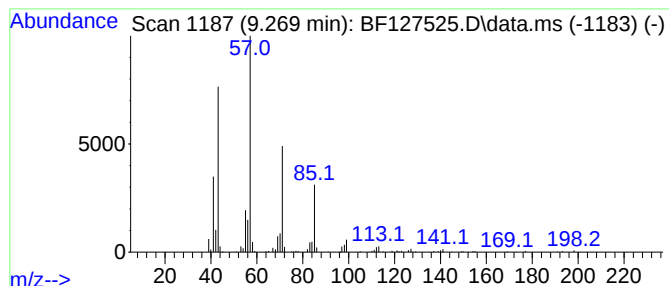
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.269	2.90 ng	153050	Acenaphthene-d10	9.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Hexadecane	226	C16H34	000544-76-3	91
3			Pentadecane	212	C15H32	000629-62-9	86
4			Undecane	156	C11H24	001120-21-4	86
5			Tridecane	184	C13H28	000629-50-5	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
Data File : BF127525.D
Acq On : 25 Mar 2022 13:46
Operator : CG\JU
Sample : N2104-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FRAC-TANK-A229

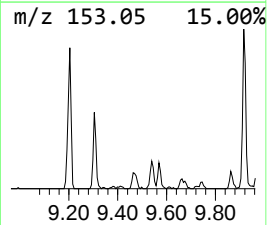
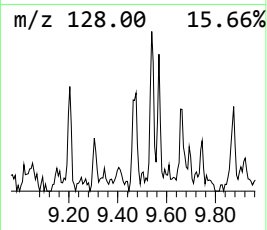
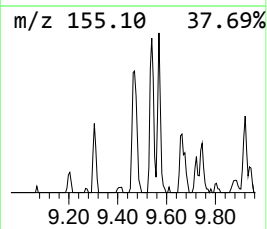
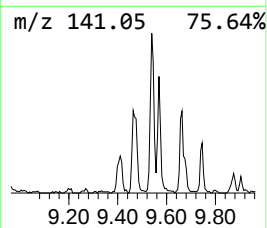
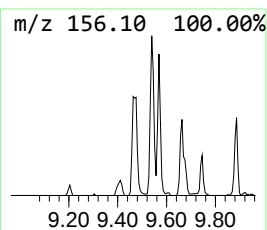
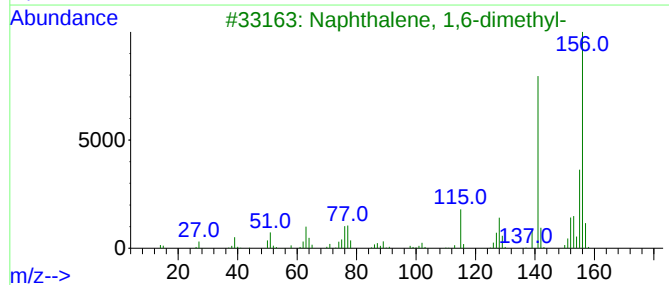
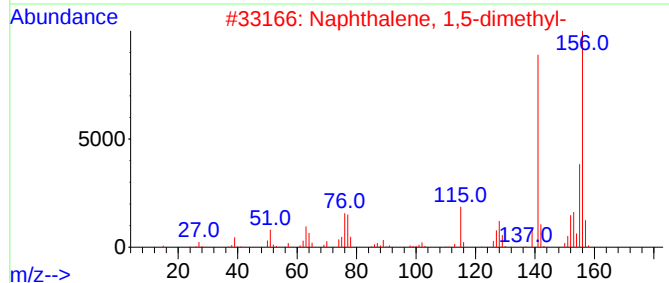
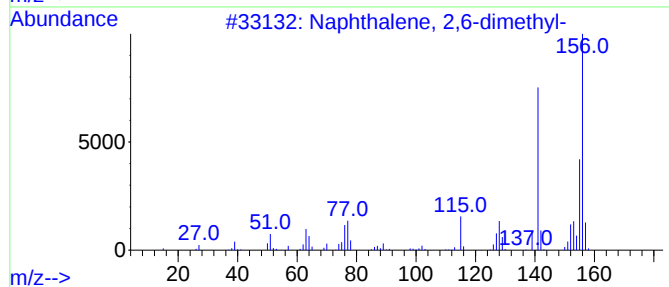
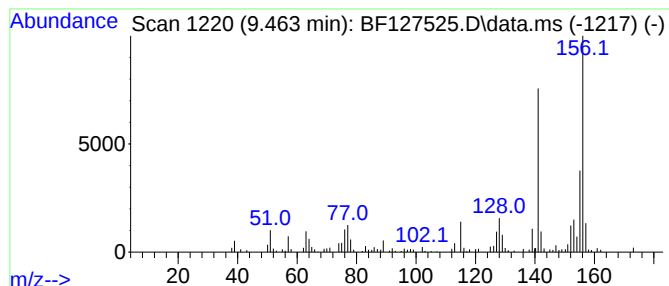
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.463	2.22 ng	116917	Acenaphthene-d10	9.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
Data File : BF127525.D
Acq On : 25 Mar 2022 13:46
Operator : CG\JU
Sample : N2104-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FRAC-TANK-A229

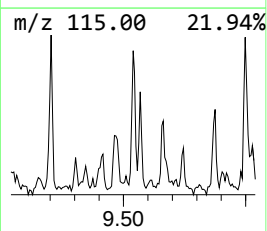
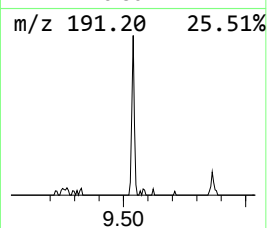
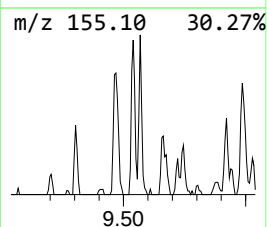
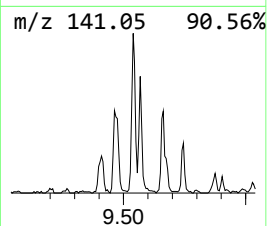
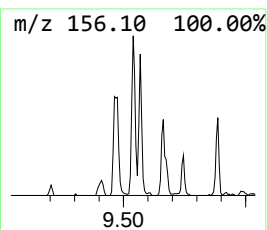
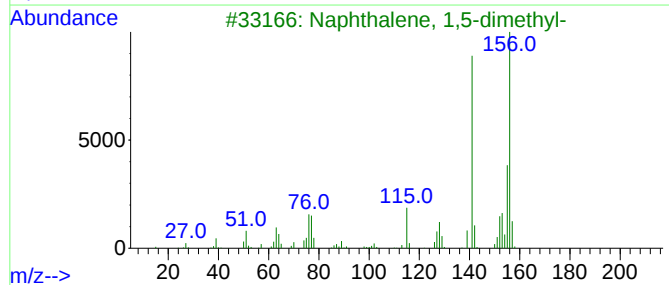
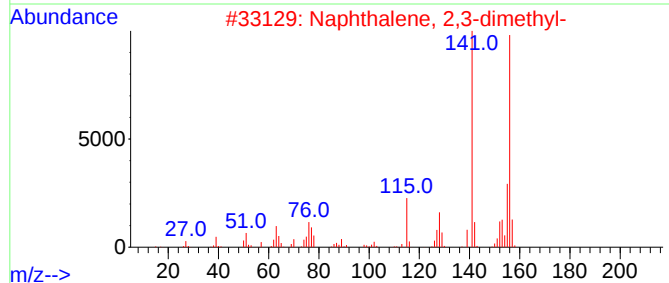
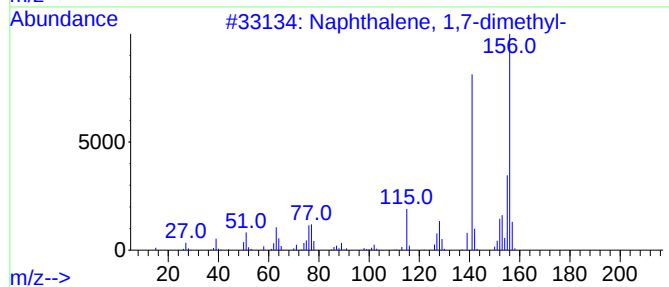
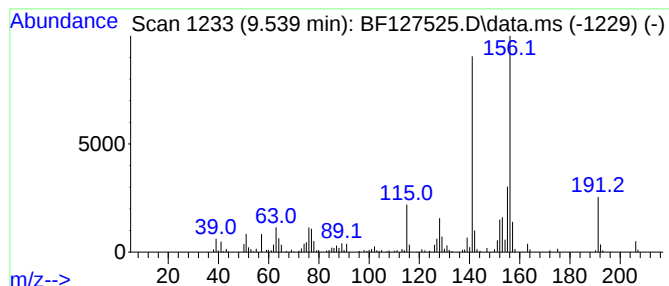
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.539	2.72 ng	143467	Acenaphthene-d10	9.886

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96



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Data File : BF127525.D
Acq On : 25 Mar 2022 13:46
Operator : CG\JU
Sample : N2104-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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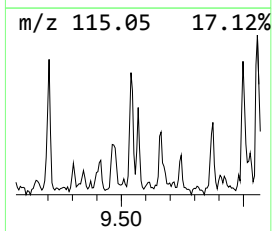
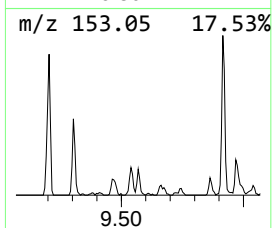
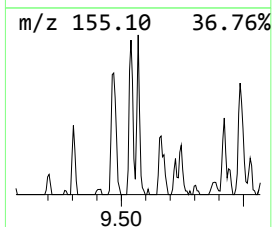
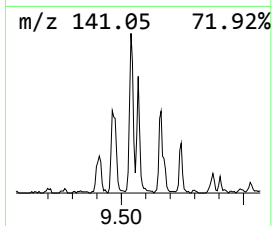
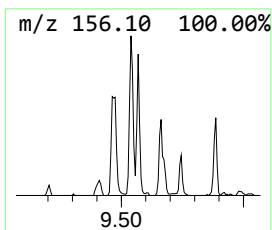
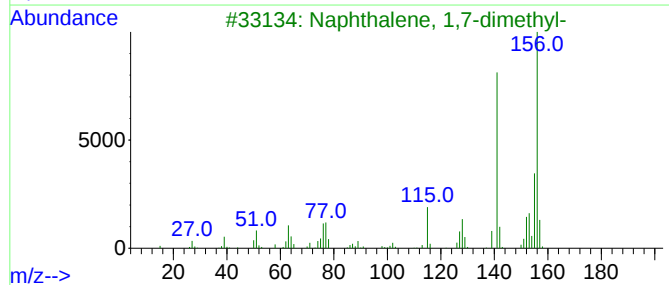
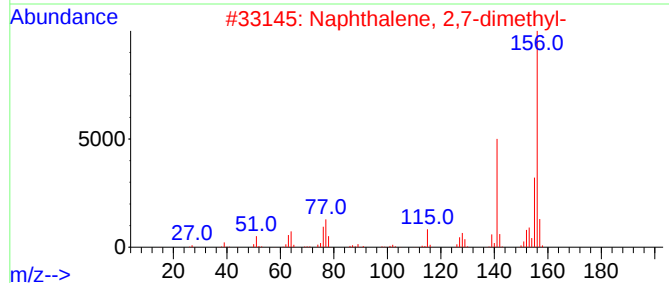
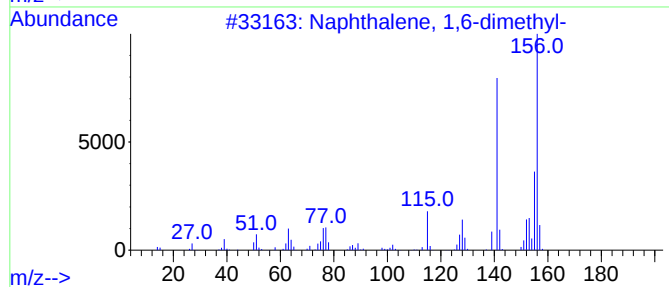
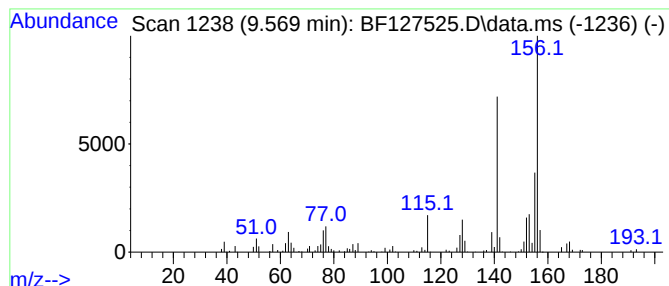
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	2.21 ng	116572	Acenaphthene-d10	9.886

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
Data File : BF127525.D
Acq On : 25 Mar 2022 13:46
Operator : CG\JU
Sample : N2104-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FRAC-TANK-A229

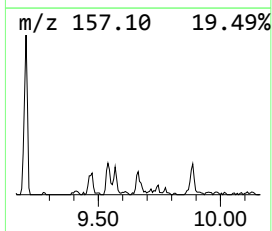
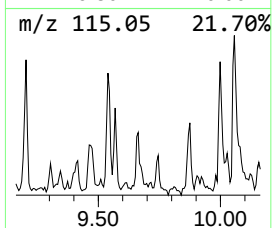
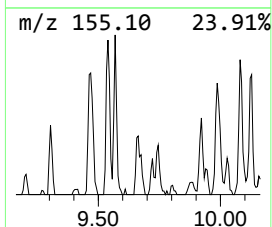
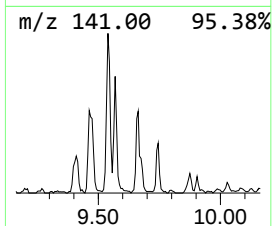
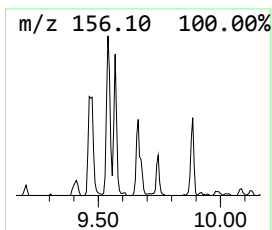
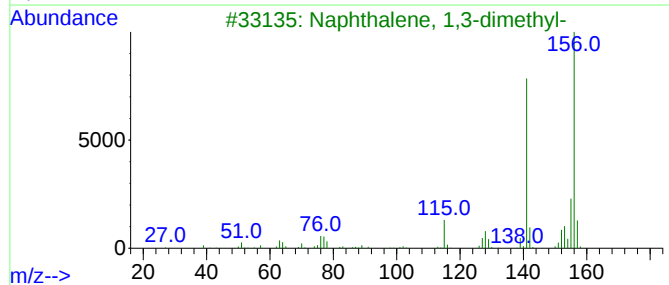
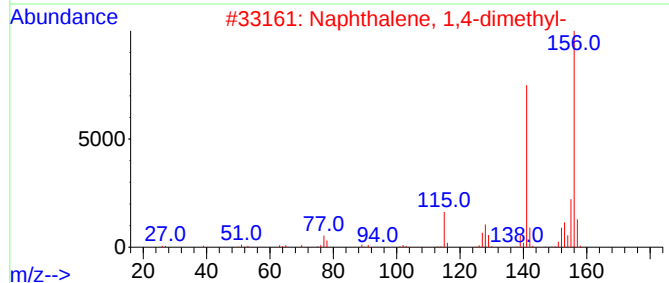
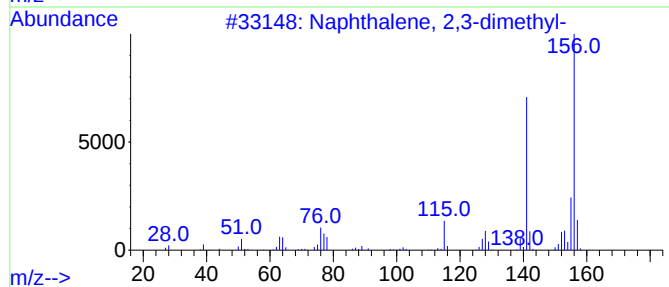
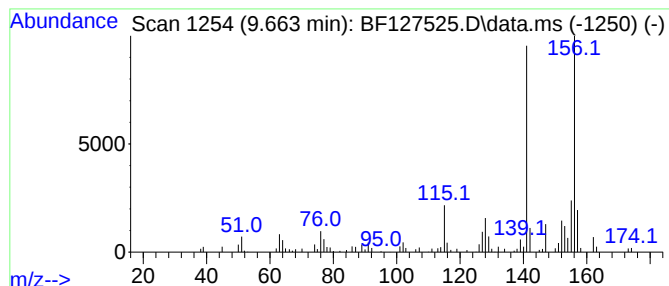
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.663	2.11 ng	111527	Acenaphthene-d10	9.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
Data File : BF127525.D
Acq On : 25 Mar 2022 13:46
Operator : CG\JU
Sample : N2104-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FRAC-TANK-A229

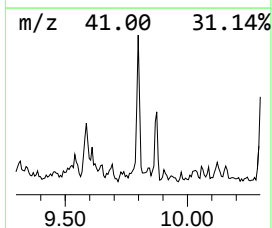
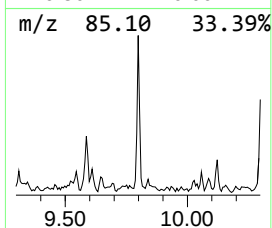
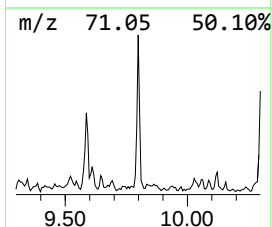
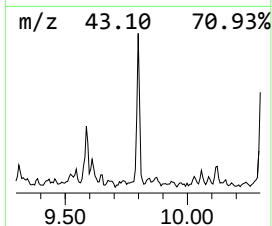
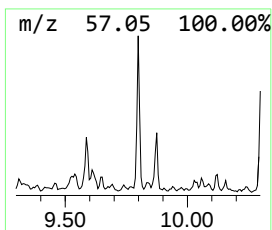
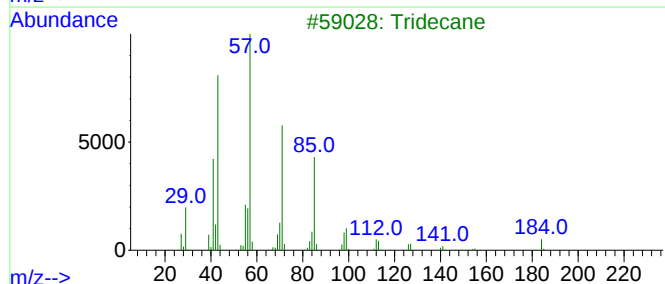
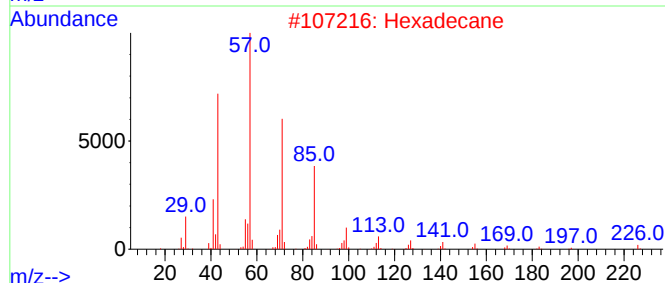
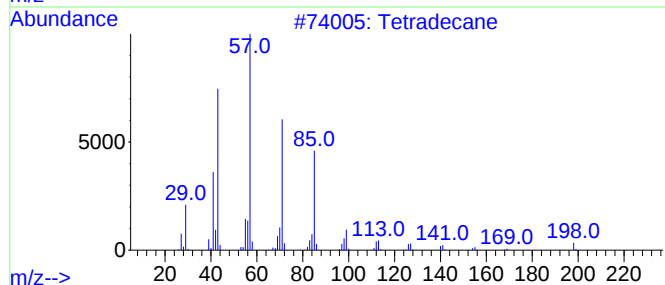
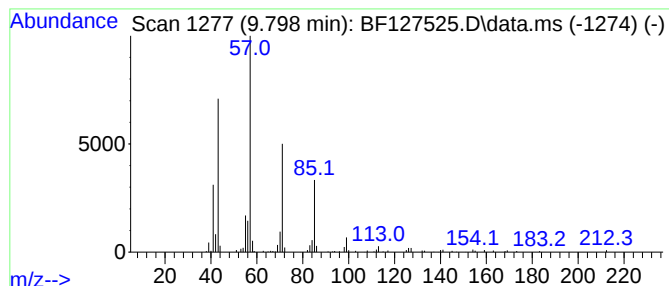
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.798	2.25 ng	118863	Acenaphthene-d10	9.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	83
2			Hexadecane	226	C16H34	000544-76-3	72
3			Tridecane	184	C13H28	000629-50-5	72
4			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	64
5			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
Data File : BF127525.D
Acq On : 25 Mar 2022 13:46
Operator : CG\JU
Sample : N2104-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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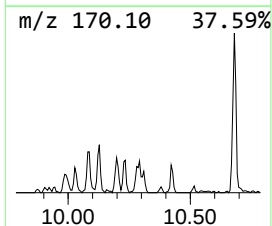
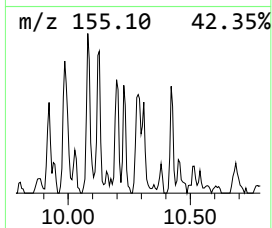
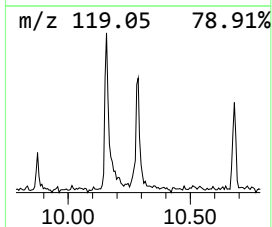
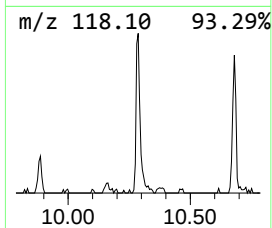
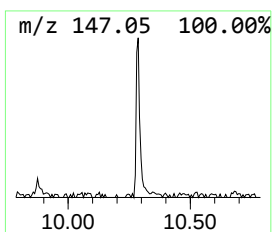
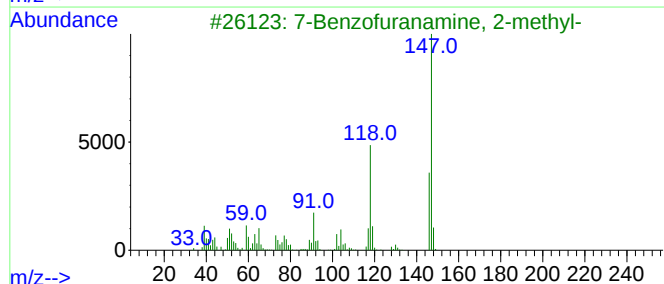
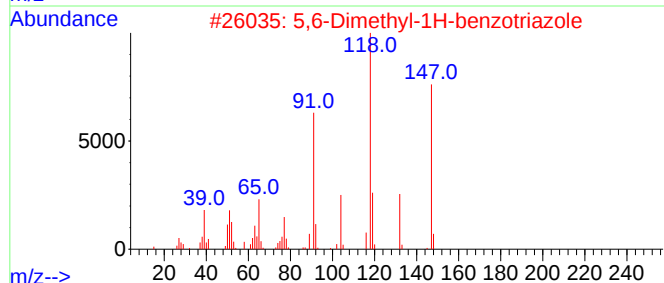
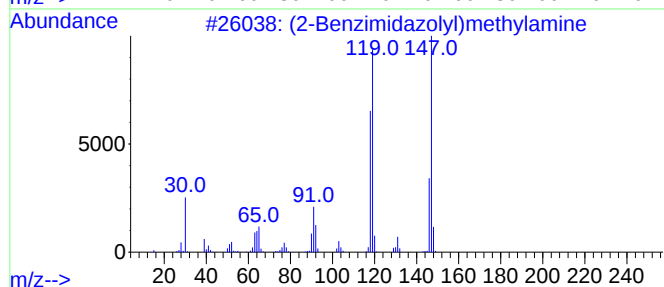
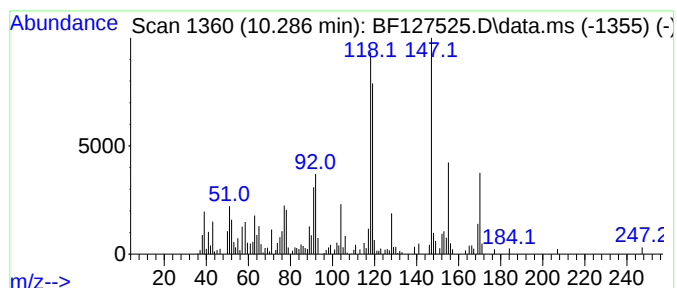
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 (2-Benzimidazolyl)methylamine Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.286	2.09 ng	110345	Acenaphthene-d10	9.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(2-Benzimidazolyl)methylamine	147	C8H9N3	005805-57-2	55
2			5,6-Dimethyl-1H-benzotriazole	147	C8H9N3	004184-79-6	49
3			7-Benzofuranamine, 2-methyl-	147	C9H9NO	1000327-46-4	46
4			2-Indolinone, 1-methyl-	147	C9H9NO	000061-70-1	46
5			Pyrido[3,2-d]pyrimidin-4-ol	147	C7H5N3O	037538-67-3	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
Data File : BF127525.D
Acq On : 25 Mar 2022 13:46
Operator : CG\JU
Sample : N2104-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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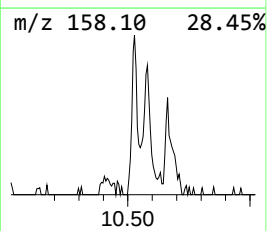
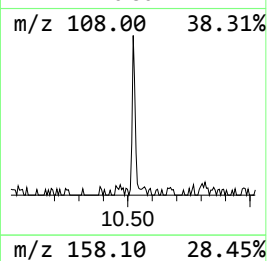
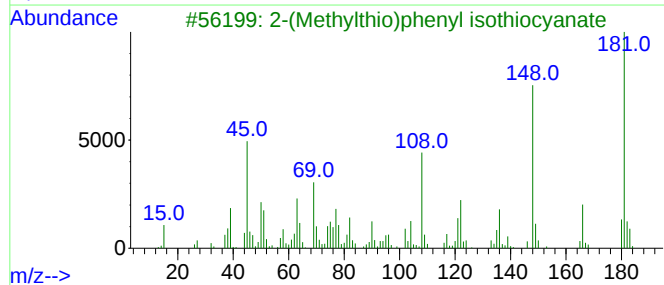
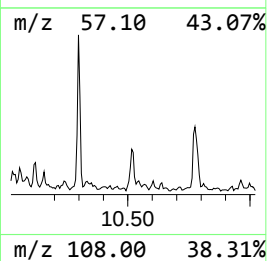
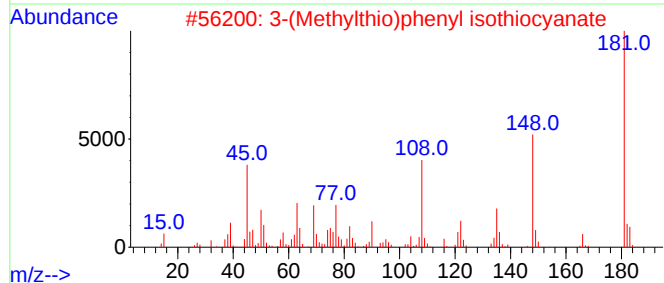
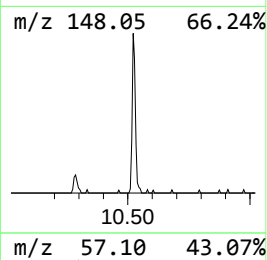
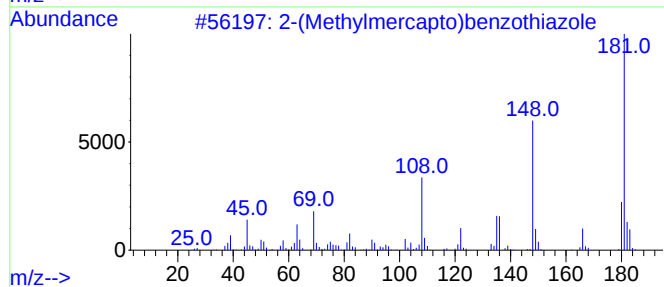
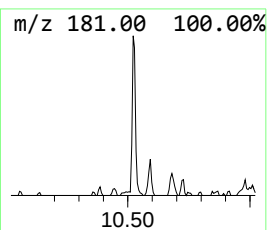
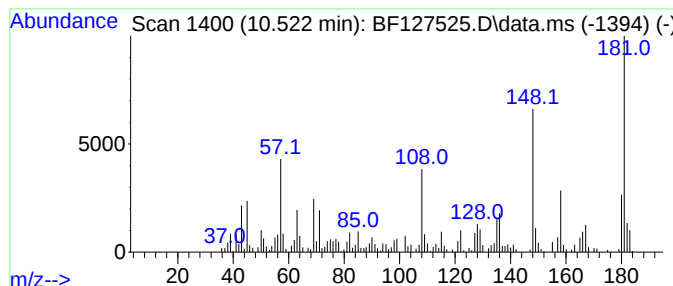
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2-(Methylmercapto)benzothia... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.522	2.93 ng	154491	Acenaphthene-d10	9.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-(Methylmercapto)benzothiazole	181	C8H7NS2	000615-22-5	99
2			3-(Methylthio)phenyl isothiocyanate	181	C8H7NS2	051333-80-3	72
3			2-(Methylthio)phenyl isothiocyanate	181	C8H7NS2	051333-75-6	64
4			4-(Methylthio)phenyl isothiocyanate	181	C8H7NS2	015863-41-9	60
5			2(3H)-Benzothiazolethione, 3-met...	181	C8H7NS2	002254-94-6	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
Data File : BF127525.D
Acq On : 25 Mar 2022 13:46
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ClientSampleId :
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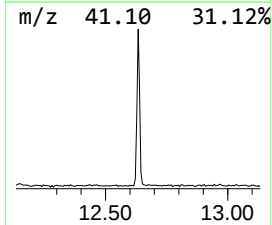
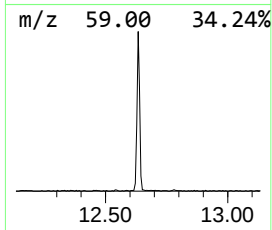
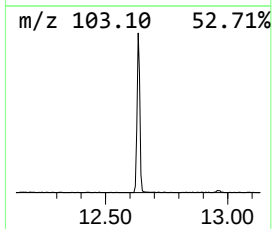
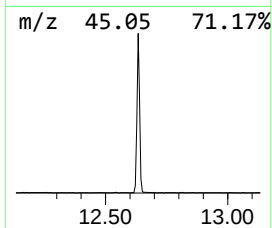
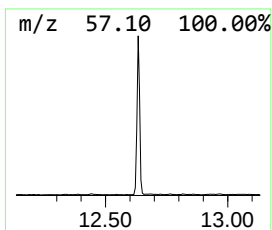
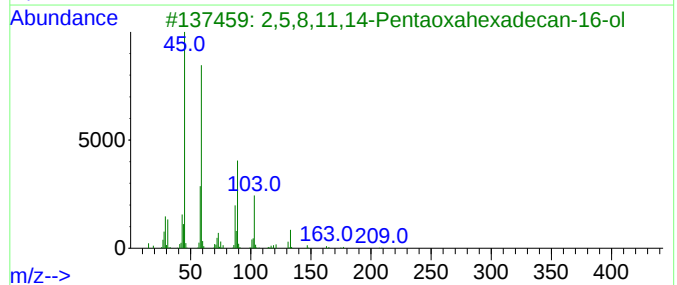
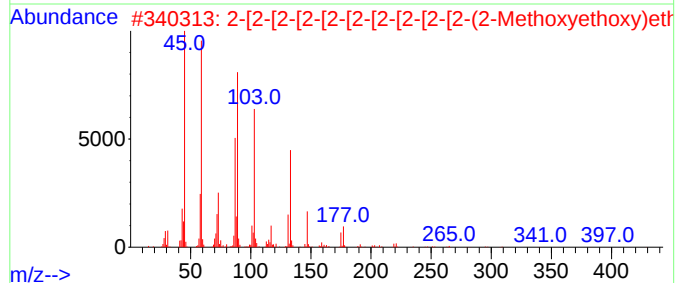
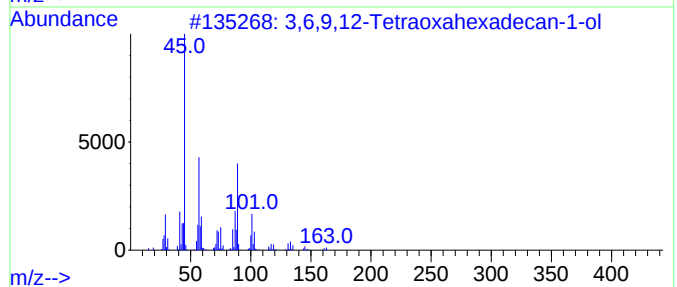
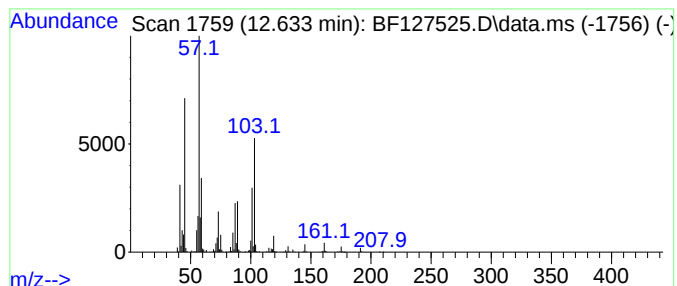
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown12.633 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.633	15.95 ng	726294	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	38		
2	2-[2-[2-[2-[2-[2-[2-[2-(2-...	516	C23H48O12	1010352-04-4	38		
3	2,5,8,11,14-Pentaoxahexadecan-16-ol	252	C11H24O6	023778-52-1	35		
4	Di-sec-Butyl ether	130	C8H18O	006863-58-7	35		
5	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	35		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
Data File : BF127525.D
Acq On : 25 Mar 2022 13:46
Operator : CG\JU
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ALS Vial : 9 Sample Multiplier: 1

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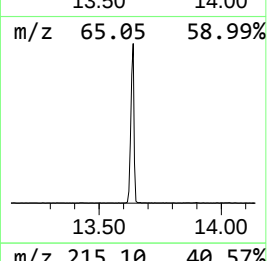
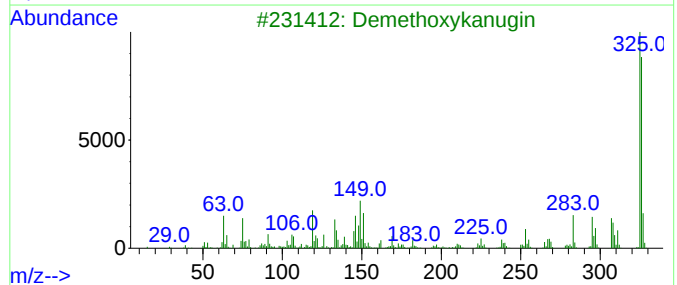
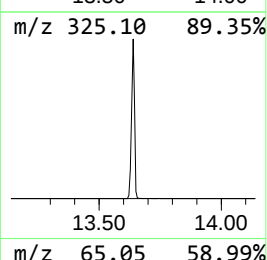
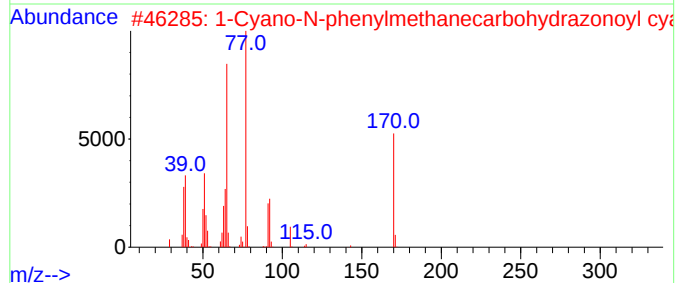
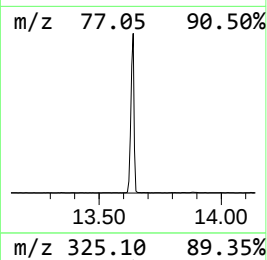
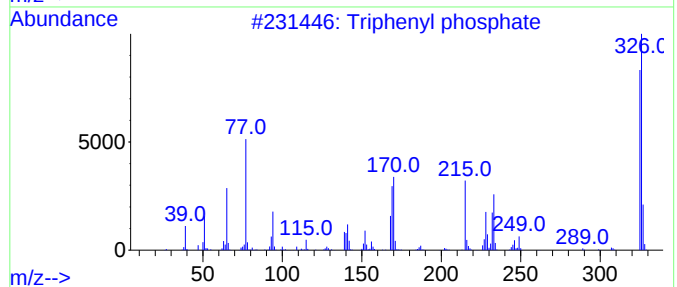
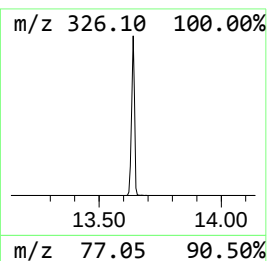
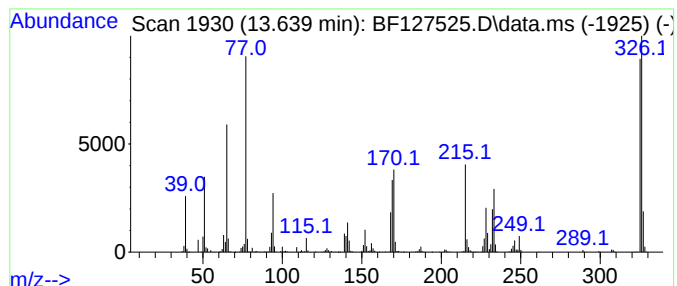
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Triphenyl phosphate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.639	56.63 ng	2130500	Chrysene-d12	14.027

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenyl phosphate	326	C18H15O4P	000115-86-6	99
2			1-Cyano-N-phenylmethanecarbohydr...	170	C9H6N4	000306-18-3	43
3			Demethoxykanugin	326	C18H14O6	001668-33-3	14
4			Coumarin, 3-benzoyl-4-phenyl-	326	C22H14O3	019725-29-2	10
5			(5-Oxo-1-phenyl-4-thiophen-2-ylm...	326	C17H14N2O3S	1000302-22-9	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
Data File : BF127525.D
Acq On : 25 Mar 2022 13:46
Operator : CG\JU
Sample : N2104-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-A229

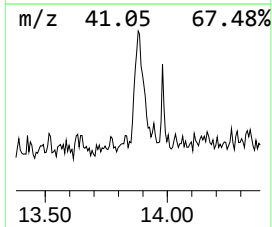
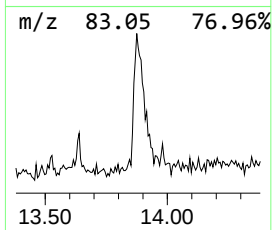
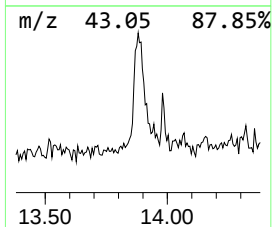
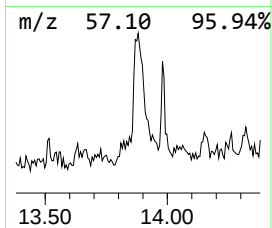
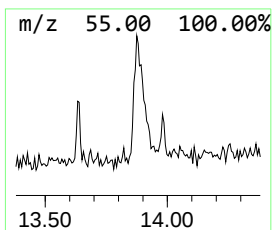
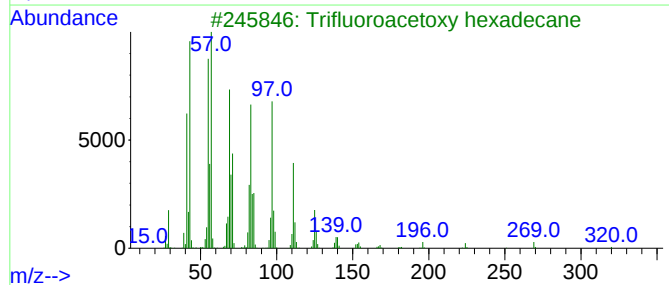
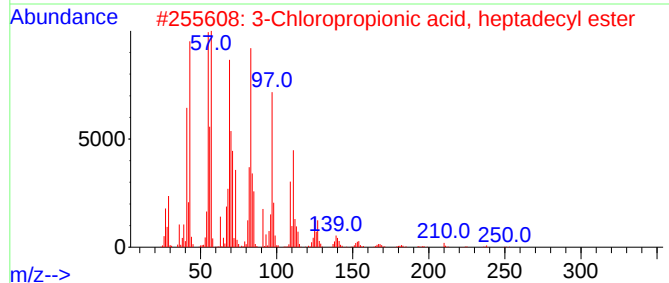
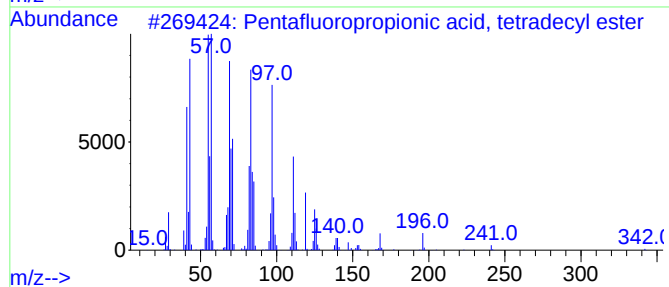
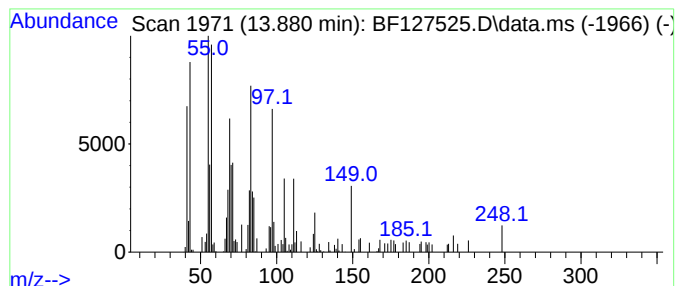
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentafluoropropionic acid, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	3.46 ng	130270	Chrysene-d12	14.027

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	90
2			3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	90
3			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
4			Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	90
5			1-Hexacosene	364	C26H52	018835-33-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
Data File : BF127525.D
Acq On : 25 Mar 2022 13:46
Operator : CG\JU
Sample : N2104-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-A229

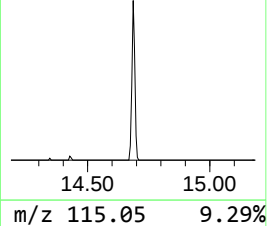
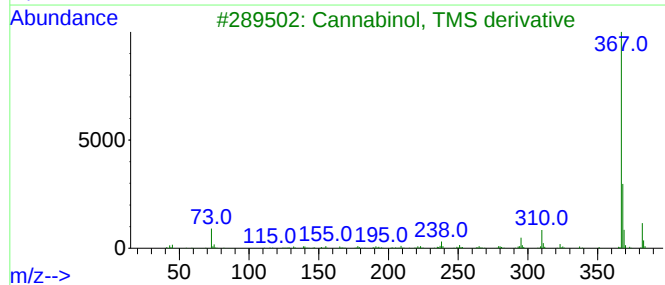
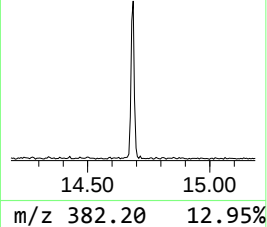
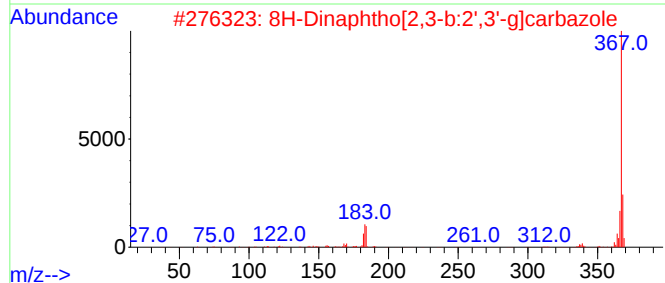
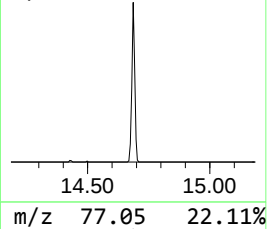
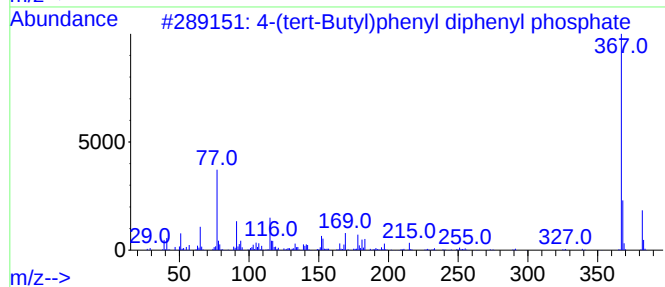
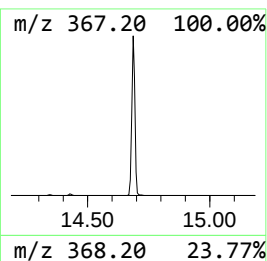
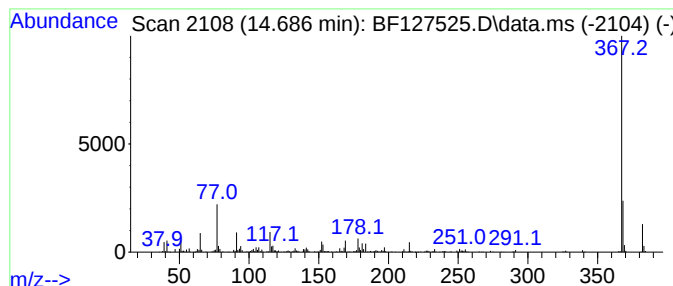
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 4-(tert-Butyl)phenyl diphen... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.686	9.54 ng	358803	Chrysene-d12	14.027

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-(tert-Butyl)phenyl diphenyl ph...	382	C22H23O4P	000981-40-8	96
2			8H-Dinaphtho[2,3-b:2',3'-g]carba...	367	C28H17N	003557-50-4	64
3			Cannabinol, TMS derivative	382	C24H34O2Si	064846-18-0	59
4			Benzenamine, 4-methyl-N-(triphen...	367	C25H22NP	002327-67-5	53
5			8H-Dinaphtho[2,3-c:2',3'-g]carba...	367	C28H17N	000313-87-1	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
Data File : BF127525.D
Acq On : 25 Mar 2022 13:46
Operator : CG\JU
Sample : N2104-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-A229

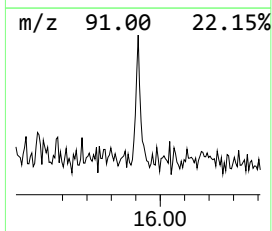
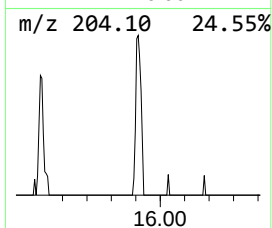
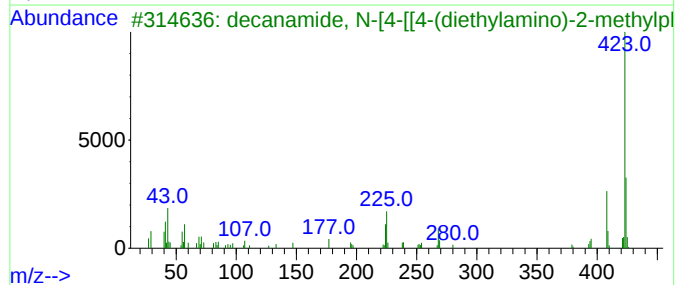
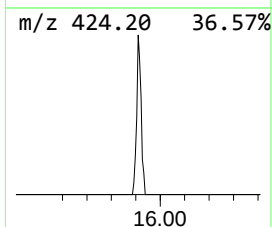
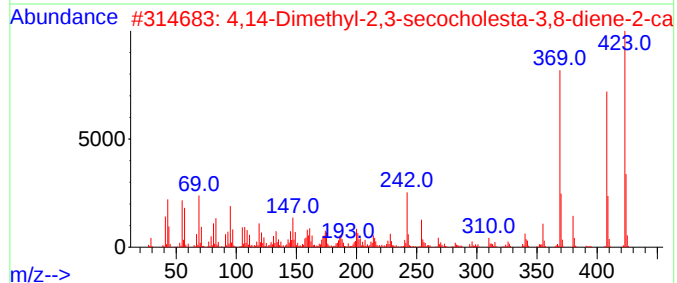
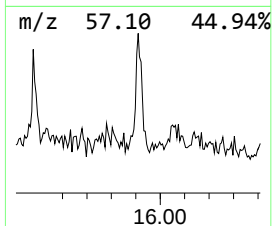
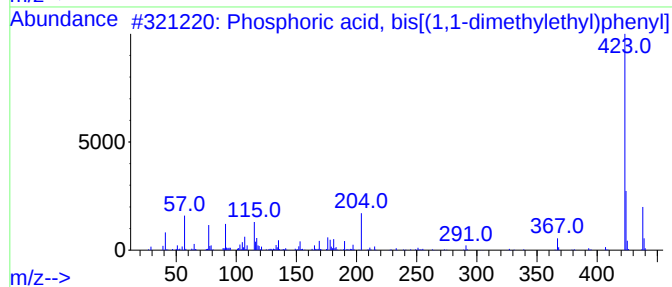
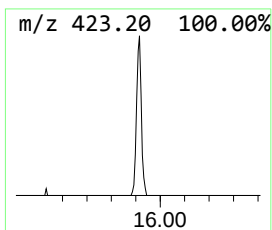
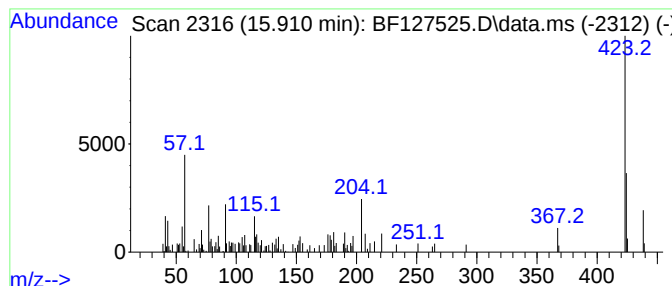
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phosphoric acid, bis[(1,1-d... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.910	2.12 ng	59494	Perylene-d12	15.510

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phosphoric acid, bis[(1,1-dimeth...	438	C26H31O4P	065652-41-7	94
2			4,14-Dimethyl-2,3-secocholesta-3...	423	C30H49N	028370-79-8	47
3			decanamide, N-[4-[4-(diethylami...	423	C27H41N3O	1000399-16-7	47
4			1-hexadecanesulfonamide, N-(3-ac...	423	C24H41NO3S	1000402-78-8	37
5			1,5-Bis[4-fluorophenyl]-2,5-dihy...	438	C27H20F2N4	004447-85-2	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
 Data File : BF127525.D
 Acq On : 25 Mar 2022 13:46
 Operator : CG\JU
 Sample : N2104-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-A229

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, 1,2,3-...	6.898	5.0	ng	150152	1	6.845	598413	20.0
Benzene, 1-ethy...	7.157	3.9	ng	117950	1	6.845	598413	20.0
Adamantane	7.481	2.9	ng	85583	1	6.845	598413	20.0
2-(Adamantan-1-...	7.616	3.1	ng	137190	2	8.128	884526	20.0
unknown7.775	7.775	2.8	ng	121957	2	8.128	884526	20.0
Benzene, 1-meth...	7.863	3.5	ng	156841	2	8.128	884526	20.0
Tridecane	8.704	4.5	ng	200997	2	8.128	884526	20.0
Tetradecane	9.269	2.9	ng	153050	3	9.886	1055320	20.0
Naphthalene, 2,...	9.463	2.2	ng	116917	3	9.886	1055320	20.0
Naphthalene, 1,...	9.539	2.7	ng	143467	3	9.886	1055320	20.0
Naphthalene, 1,...	9.569	2.2	ng	116572	3	9.886	1055320	20.0
Naphthalene, 2,...	9.663	2.1	ng	111527	3	9.886	1055320	20.0
Hexadecane	9.798	2.3	ng	118863	3	9.886	1055320	20.0
(2-Benzimidazol...	10.286	2.1	ng	110345	3	9.886	1055320	20.0
2-(Methylmercap...	10.522	2.9	ng	154491	3	9.886	1055320	20.0
unknown12.633	12.633	15.9	ng	726294	4	11.380	910830	20.0
Triphenyl phosph...	13.639	56.6	ng	2130500	5	14.027	752486	20.0
Pentafluoroprop...	13.880	3.5	ng	130270	5	14.027	752486	20.0
4-(tert-Butyl)p...	14.686	9.5	ng	358803	5	14.027	752486	20.0
Phosphoric acid...	15.910	2.1	ng	59494	6	15.510	560422	20.0