

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
 Data File : BF129171.D
 Acq On : 07 Jul 2022 21:38
 Operator : CG\JU
 Sample : N3605-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OE-3-070622

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129171.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.575	554	559	562	rBV	4950193	4429740	95.42%	7.215%
2	6.575	724	729	732	rBV	3699698	3366508	72.52%	5.483%
3	6.781	761	764	767	rBV	55347	59271	1.28%	0.097%
4	6.951	790	793	797	rVB	1328325	1044389	22.50%	1.701%
5	7.222	833	839	841	rBV4	84692	103942	2.24%	0.169%
6	7.481	878	883	885	rBV2	106742	141815	3.05%	0.231%
7	7.516	885	889	891	rVV	2501023	2251543	48.50%	3.667%
8	7.539	891	893	897	rVB	201716	181365	3.91%	0.295%
9	7.592	897	902	905	rBV5	117459	175490	3.78%	0.286%
10	7.639	905	910	914	rBV5	66584	132367	2.85%	0.216%
11	7.757	926	930	935	rVB4	165815	199637	4.30%	0.325%
12	7.828	937	942	943	rBV3	48133	66186	1.43%	0.108%
13	7.875	947	950	953	rBV4	137265	131452	2.83%	0.214%
14	7.939	959	961	964	rBV4	75661	71785	1.55%	0.117%
15	7.969	964	966	969	rBV	146993	137983	2.97%	0.225%
16	8.045	976	979	982	rVB4	65799	67356	1.45%	0.110%
17	8.104	986	989	991	rBV2	102419	93511	2.01%	0.152%
18	8.134	991	994	998	rBV3	82208	114728	2.47%	0.187%
19	8.204	1003	1006	1008	rVV	379710	357710	7.71%	0.583%
20	8.234	1008	1011	1014	rVV	1364363	1250794	26.94%	2.037%
21	8.286	1017	1020	1022	rVB2	314043	282603	6.09%	0.460%
22	8.316	1022	1025	1028	rBV3	108876	124830	2.69%	0.203%
23	8.381	1033	1036	1038	rBV4	45190	57764	1.24%	0.094%
24	8.434	1042	1045	1048	rVB3	127120	113682	2.45%	0.185%
25	8.522	1056	1060	1064	rVB3	223212	246068	5.30%	0.401%
26	8.581	1064	1070	1072	rBV5	74674	129064	2.78%	0.210%
27	8.645	1078	1081	1083	rVB	230037	171759	3.70%	0.280%
28	8.675	1083	1086	1088	rBV2	97965	98117	2.11%	0.160%
29	8.698	1088	1090	1094	rVB3	81090	77193	1.66%	0.126%
30	8.739	1094	1097	1099	rBV	203543	161309	3.47%	0.263%
31	8.775	1099	1103	1105	rBV3	66831	78108	1.68%	0.127%
32	8.816	1108	1110	1114	rVB3	280279	224936	4.85%	0.366%
33	8.857	1114	1117	1119	rBV4	88612	95779	2.06%	0.156%
34	9.057	1148	1151	1153	rBV3	125216	100773	2.17%	0.164%
35	9.181	1168	1172	1177	rBV6	76828	128793	2.77%	0.210%
36	9.245	1181	1183	1186	rVV2	143732	109422	2.36%	0.178%

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37	9.310	1190	1194	1197	rBV	4884609	3851244	82.96%	6.273%
38	9.381	1204	1206	1210	rBV	155471	141785	3.05%	0.231%
39	9.457	1217	1219	1222	rVB	84371	79836	1.72%	0.130%
40	9.569	1235	1238	1244	rVB6	56812	64699	1.39%	0.105%
41	9.628	1245	1248	1250	rBV3	57155	69930	1.51%	0.114%
42	9.704	1258	1261	1265	rBV3	105278	124703	2.69%	0.203%
43	9.857	1284	1287	1290	rBV	282431	235345	5.07%	0.383%
44	9.910	1294	1296	1299	rVB2	109606	84276	1.82%	0.137%
45	9.998	1307	1311	1314	rVB	1271848	1125194	24.24%	1.833%
46	10.028	1314	1316	1320	rVB	96804	70493	1.52%	0.115%
47	10.198	1343	1345	1349	rVB3	78141	74965	1.61%	0.122%
48	10.310	1361	1364	1366	rBV4	78402	91969	1.98%	0.150%
49	10.410	1378	1381	1384	rBV2	99613	105633	2.28%	0.172%
50	10.545	1401	1404	1407	rBV	124401	114843	2.47%	0.187%
51	10.786	1441	1445	1448	rBV	2939342	2409350	51.90%	3.924%
52	10.886	1460	1462	1463	rBV	133445	101281	2.18%	0.165%
53	11.292	1528	1531	1534	rVB	84418	74197	1.60%	0.121%
54	11.339	1536	1539	1541	rBV	146808	139460	3.00%	0.227%
55	11.369	1541	1544	1545	rBV	99526	92615	1.99%	0.151%
56	11.486	1561	1564	1566	rBV	1401191	1250013	26.93%	2.036%
57	11.510	1566	1568	1572	rVV	1445218	1270301	27.36%	2.069%
58	11.563	1574	1577	1580	rVV	521870	416273	8.97%	0.678%
59	11.716	1601	1603	1606	rBV	145815	140796	3.03%	0.229%
60	11.763	1609	1611	1613	rBV	128629	98436	2.12%	0.160%
61	11.822	1618	1621	1625	rVB3	76795	103350	2.23%	0.168%
62	11.869	1626	1629	1632	rVB	660496	504113	10.86%	0.821%
63	12.010	1647	1653	1658	rBV2	1868890	2151803	46.35%	3.505%
64	12.063	1660	1662	1666	rVB	131973	120336	2.59%	0.196%
65	12.104	1666	1669	1671	rBV2	372721	390120	8.40%	0.635%
66	12.174	1678	1681	1683	rBV	163880	139284	3.00%	0.227%
67	12.286	1697	1700	1702	rBV	240314	200200	4.31%	0.326%
68	12.310	1702	1704	1708	rVB2	155577	160142	3.45%	0.261%
69	12.557	1741	1746	1748	rBV3	1293169	1474128	31.75%	2.401%
70	12.580	1748	1750	1753	rVV	2384520	1906082	41.06%	3.105%
71	12.627	1756	1758	1761	rBV	265205	266813	5.75%	0.435%
72	12.663	1761	1764	1768	rVB	558576	452330	9.74%	0.737%
73	12.710	1768	1772	1778	rBV	4181672	4642446	100.00%	7.561%
74	12.798	1784	1787	1791	rBV3	568475	589386	12.70%	0.960%
75	12.863	1796	1798	1800	rVB	177153	131558	2.83%	0.214%
76	12.939	1805	1811	1817	rVV2	3057500	3719333	80.12%	6.058%

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77	12.992	1817	1820	1823	rVB2	181044	221804	4.78%	0.361%
78	13.080	1831	1835	1838	rVB	4998099	4061062	87.48%	6.614%
79	13.269	1864	1867	1869	rVB	411218	419578	9.04%	0.683%
80	13.333	1876	1878	1881	rVB	311864	259449	5.59%	0.423%
81	13.369	1882	1884	1887	rVV2	279787	305786	6.59%	0.498%
82	13.774	1951	1953	1958	rVB	332266	324962	7.00%	0.529%
83	13.986	1987	1989	1997	rVB3	521795	827496	17.82%	1.348%
84	14.139	2011	2015	2018	rBV2	1858560	2665981	57.43%	4.342%
85	14.168	2018	2020	2026	rVB	1394662	1339358	28.85%	2.181%
86	14.239	2029	2032	2036	rVB3	510897	669839	14.43%	1.091%
87	15.221	2195	2199	2206	rVB	978343	1942507	41.84%	3.164%
88	15.539	2251	2253	2259	rVB	597156	744559	16.04%	1.213%
89	15.604	2261	2264	2271	rVB	885640	1202418	25.90%	1.958%
90	15.674	2273	2276	2279	rBV	592687	655425	14.12%	1.068%

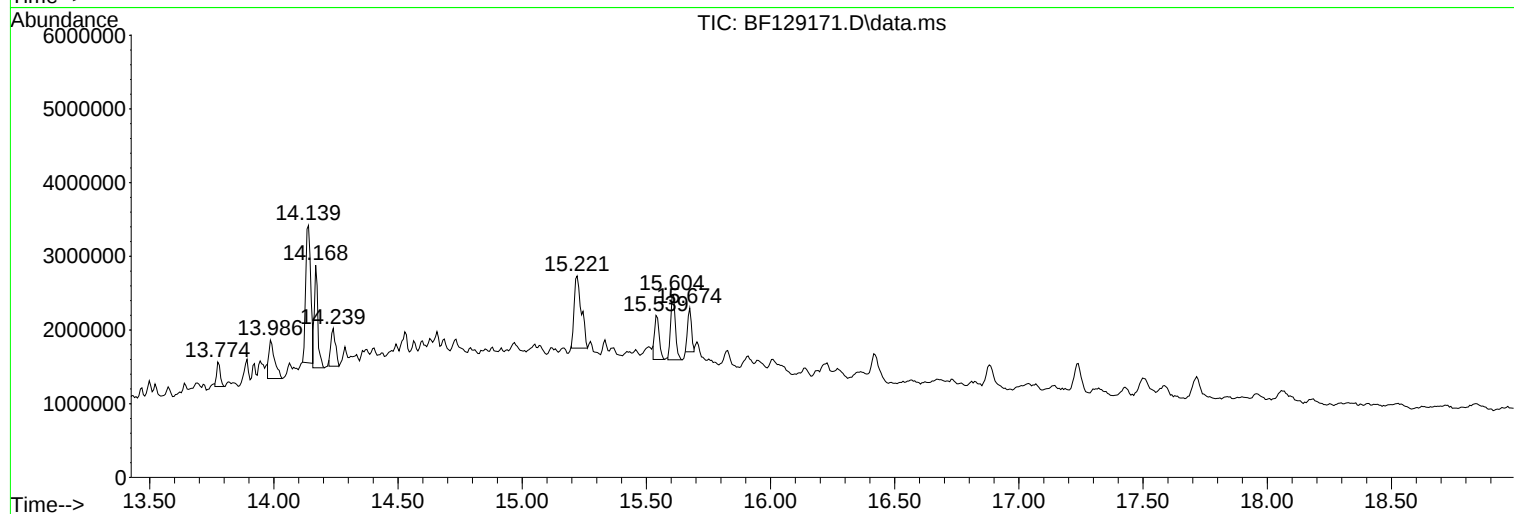
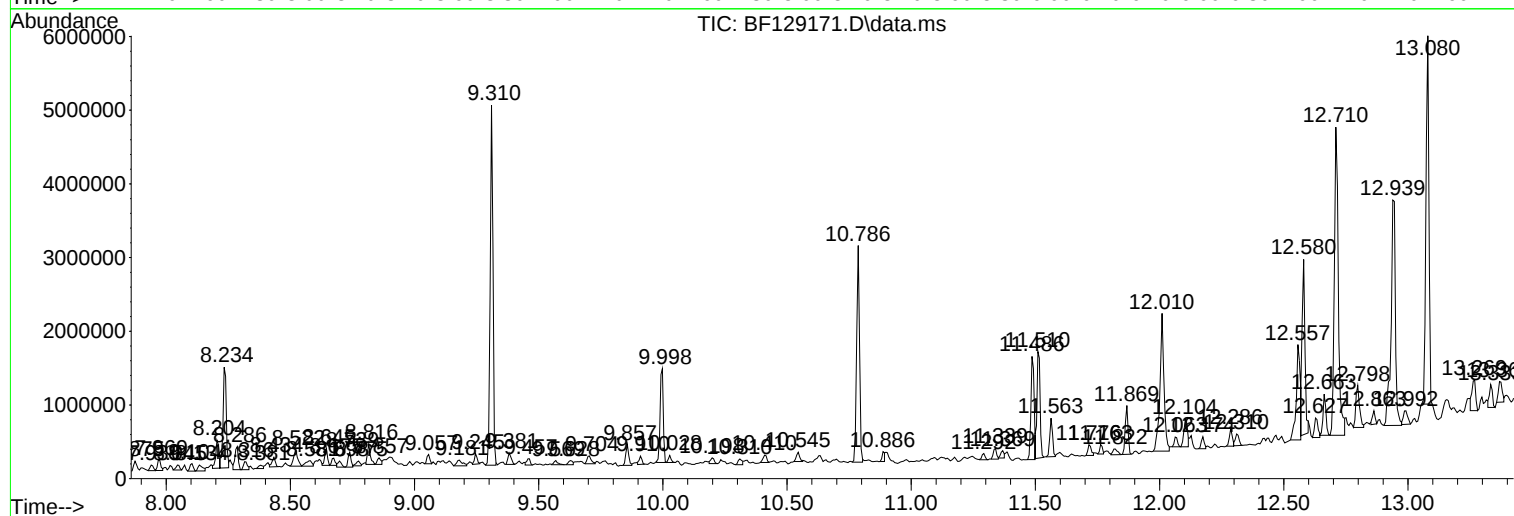
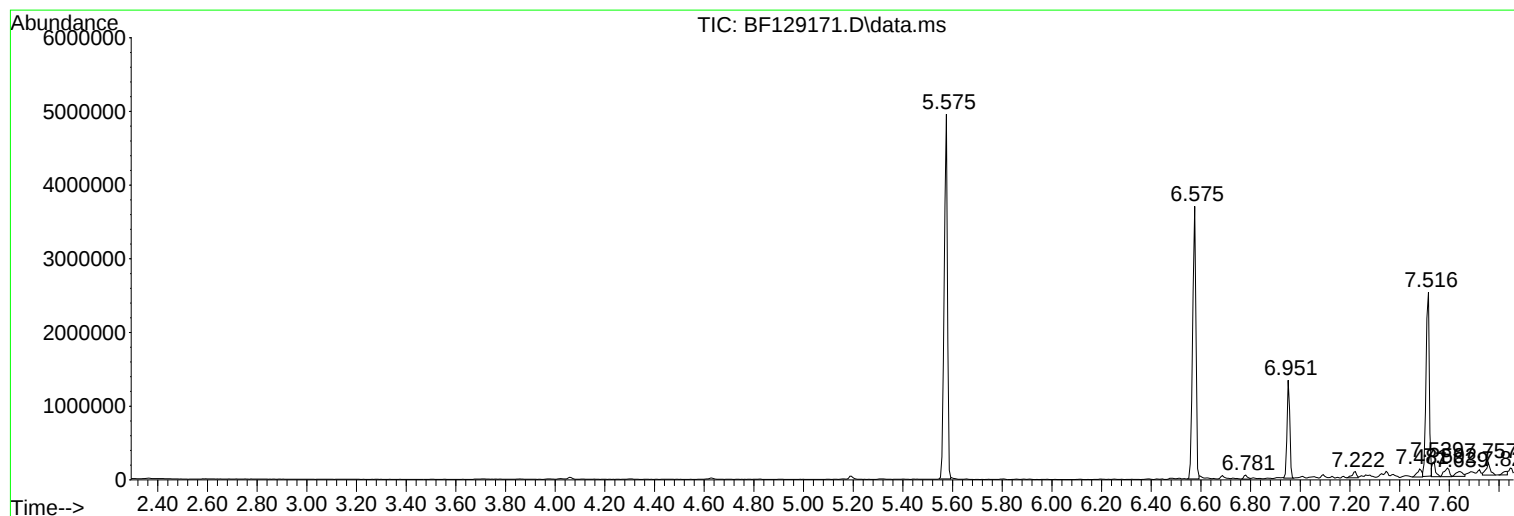
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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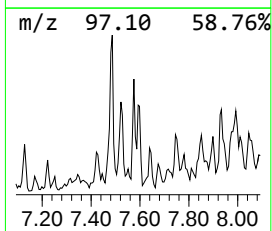
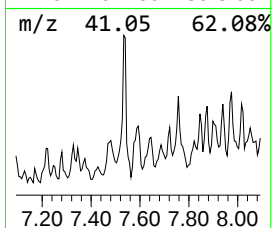
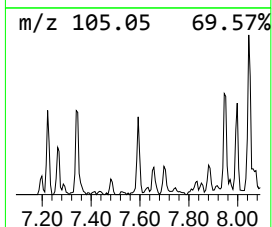
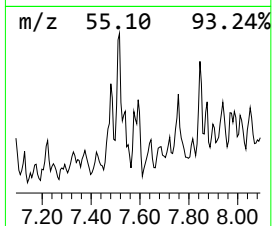
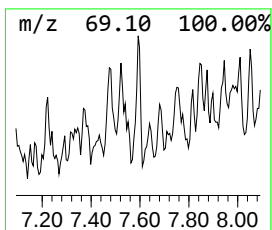
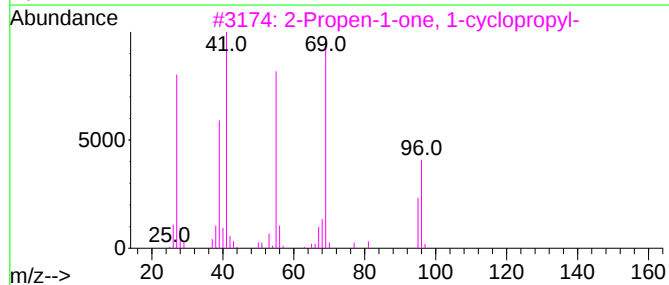
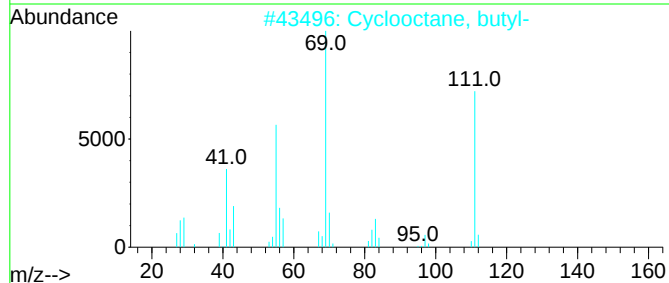
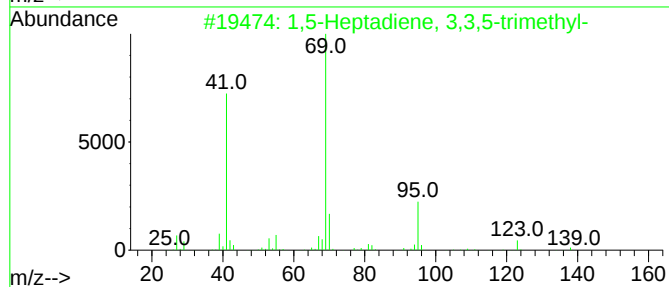
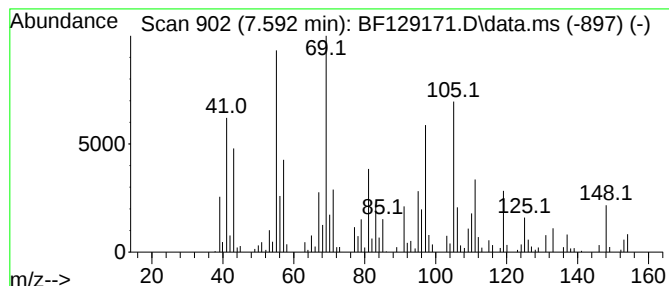
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.592 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.592	2.81 ng	175490	Naphthalene-d8	8.234

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Heptadiene, 3,3,5-trimethyl-	138	C10H18	074630-29-8	30		
2	Cyclooctane, butyl-	168	C12H24	016538-93-5	27		
3	2-Propen-1-one, 1-cyclopropyl-	96	C6H8O	059819-62-4	27		
4	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	27		
5	1,5-Heptadiene, 2,3,6-trimethyl-	138	C10H18	033501-88-1	27		



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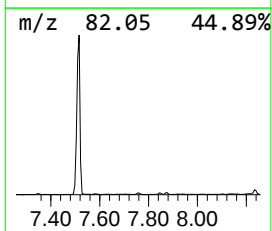
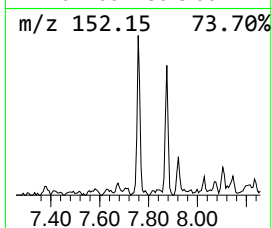
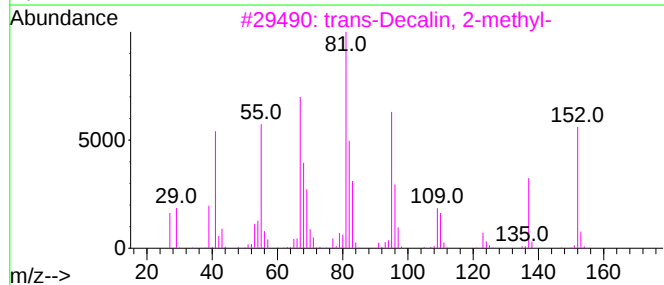
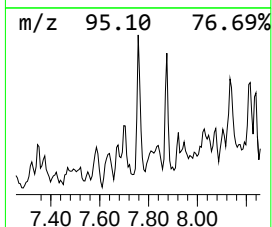
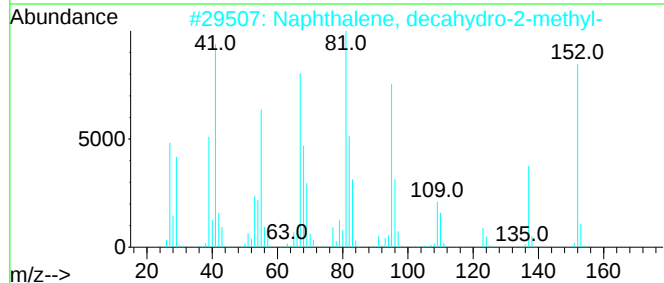
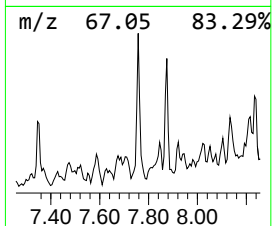
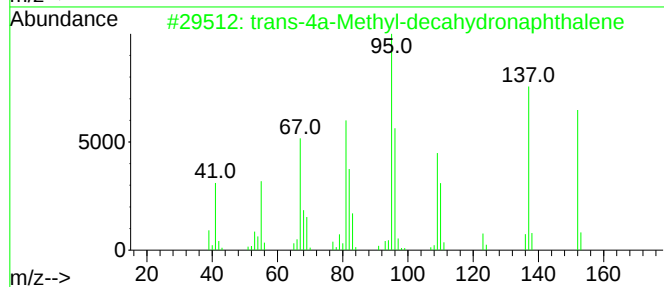
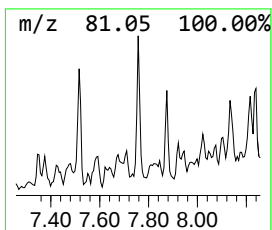
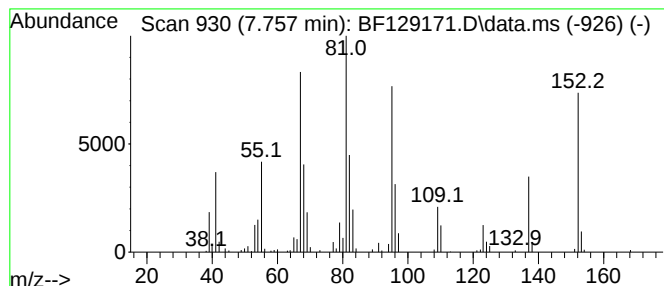
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 trans-4a-Methyl-decahydrona... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.757	3.19 ng	199637	Naphthalene-d8	8.234

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	93
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
4			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	86
5			Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	74



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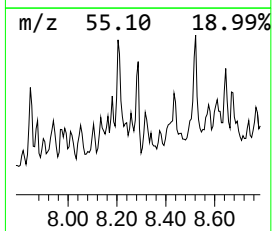
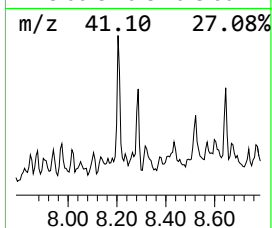
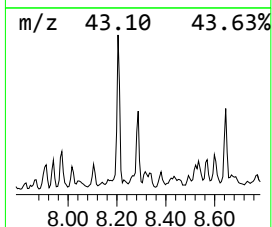
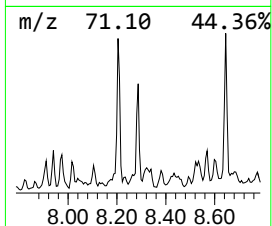
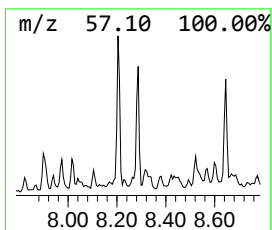
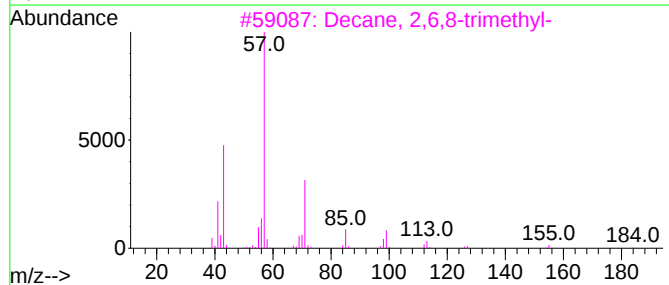
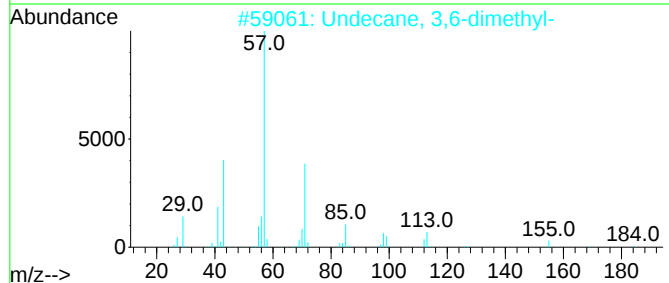
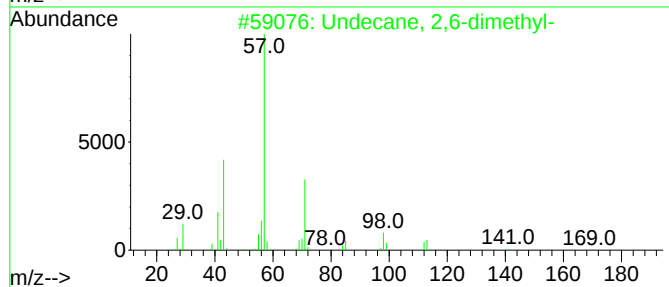
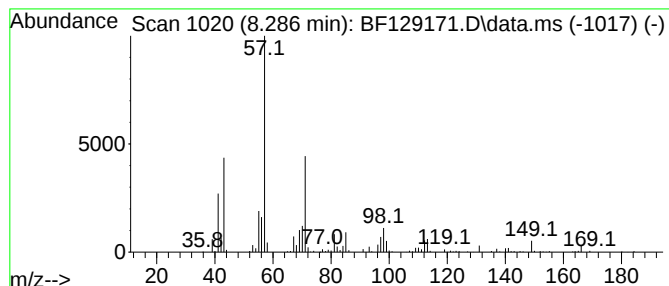
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.286	4.52 ng	282603	Naphthalene-d8	8.234

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	87
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
3			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
4			Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	59
5			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129171.D
Acq On : 07 Jul 2022 21:38
Operator : CG\JU
Sample : N3605-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OE-3-070622

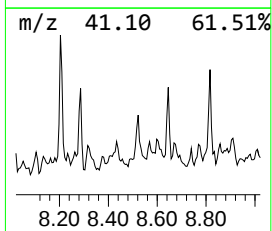
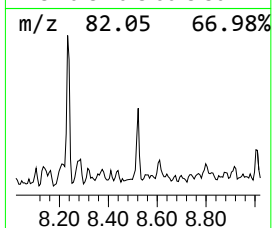
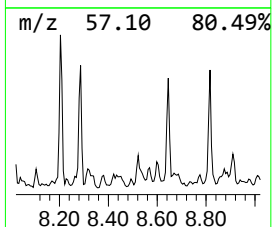
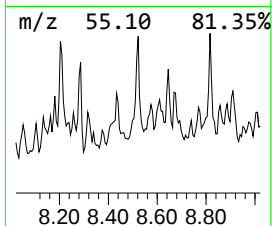
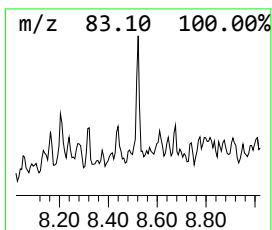
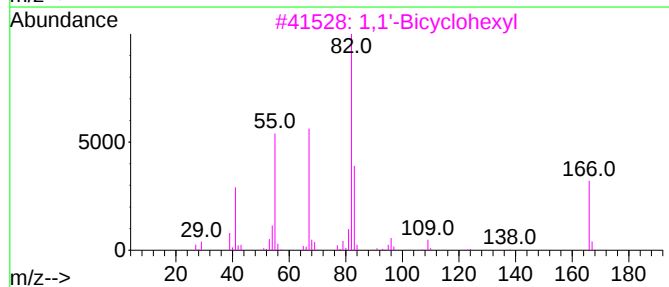
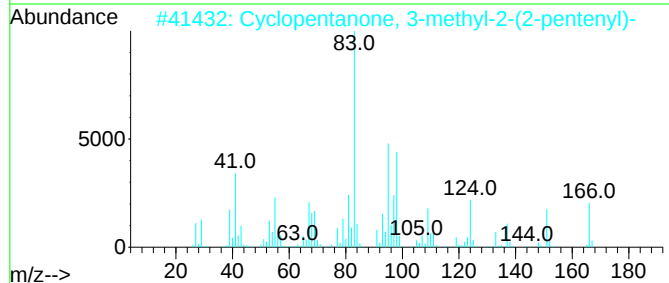
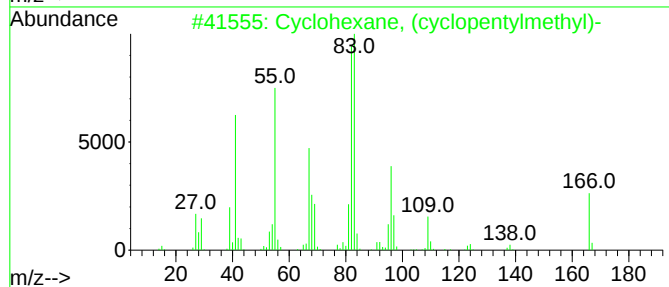
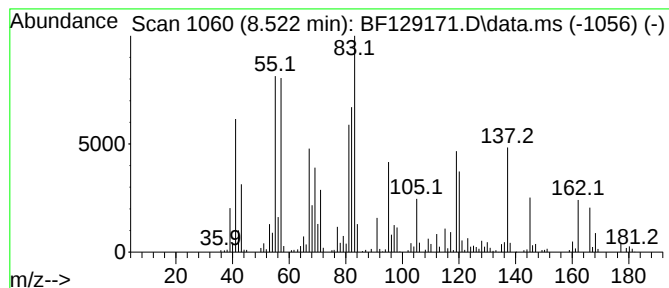
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown8.522 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.522	3.93 ng	246068	Naphthalene-d8	8.234

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (cyclopentylmethyl)-	166	C12H22	004431-89-4	45
2			Cyclopentanone, 3-methyl-2-(2-pe...	166	C11H18O	007051-39-0	35
3			1,1'-Bicyclohexyl	166	C12H22	000092-51-3	25
4			Cyclohexane, hexyl-	168	C12H24	004292-75-5	25
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129171.D
Acq On : 07 Jul 2022 21:38
Operator : CG\JU
Sample : N3605-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-3-070622

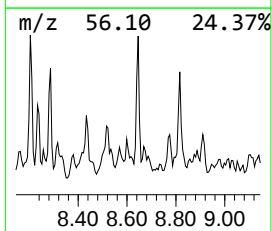
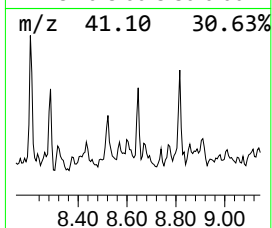
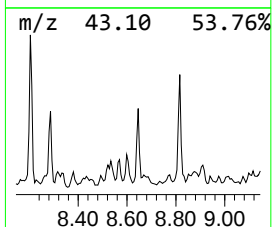
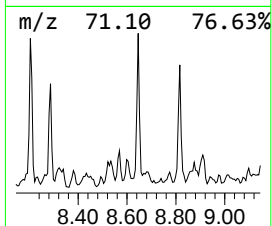
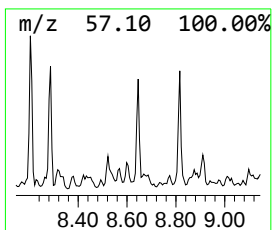
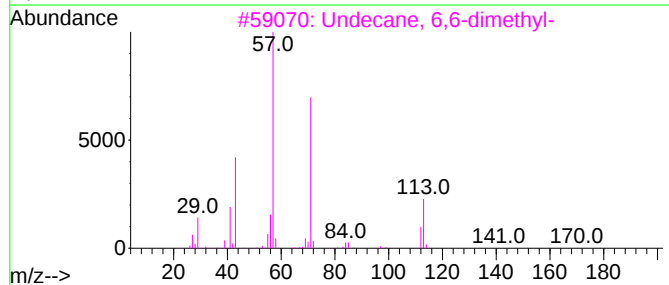
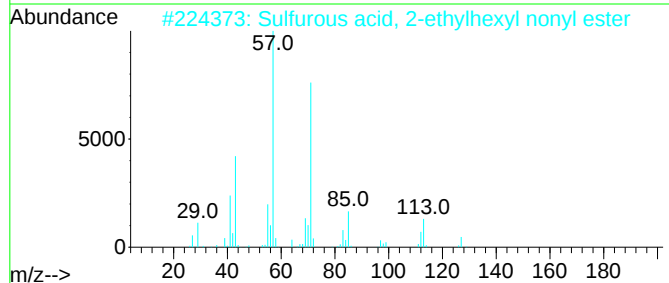
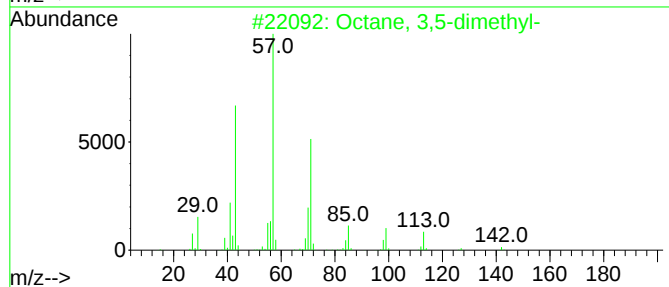
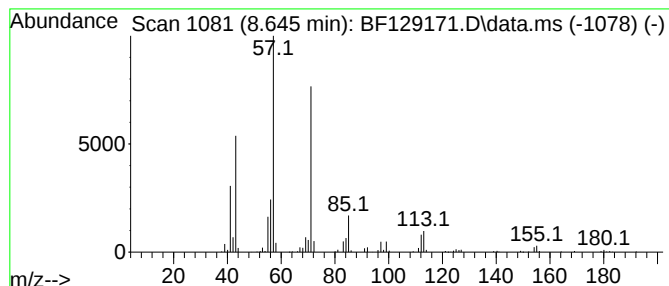
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octane, 3,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.645	2.75 ng	171759	Naphthalene-d8	8.234

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	72
2			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
3			Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
4			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53
5			Sulfurous acid, isobutyl pentyl ...	208	C9H20O3S	1000309-13-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129171.D
Acq On : 07 Jul 2022 21:38
Operator : CG\JU
Sample : N3605-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-3-070622

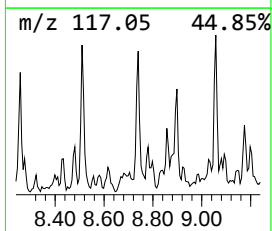
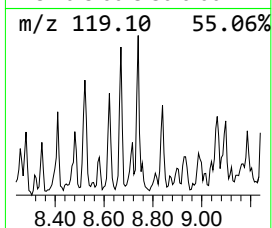
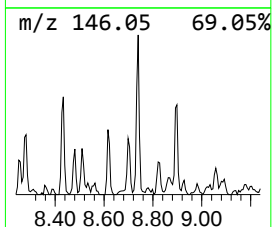
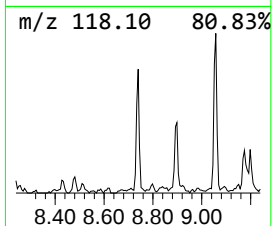
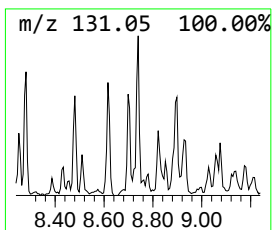
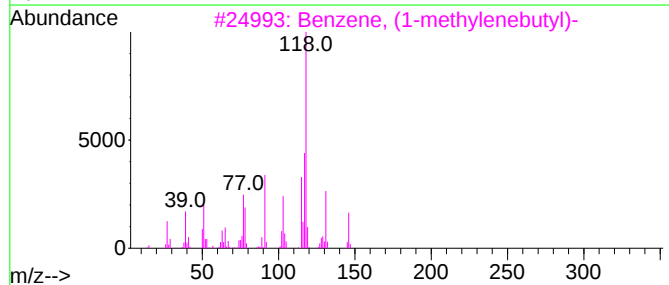
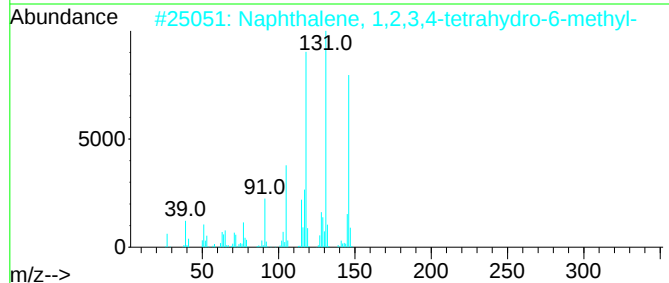
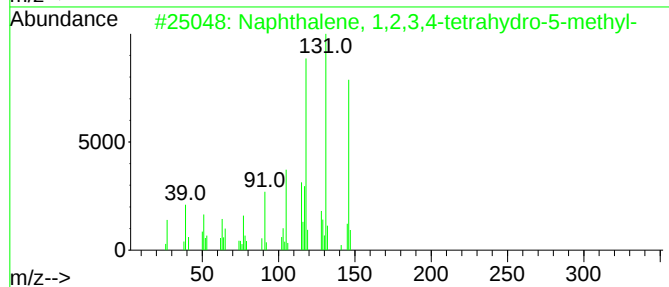
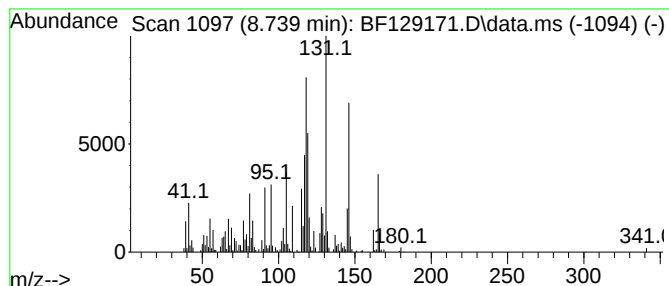
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.739	2.58 ng	161309	Naphthalene-d8	8.234

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	91
3			Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	55
4			2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	45
5			1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129171.D
Acq On : 07 Jul 2022 21:38
Operator : CG\JU
Sample : N3605-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

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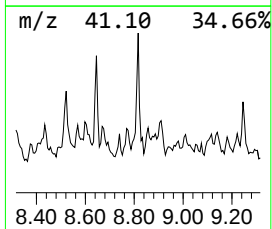
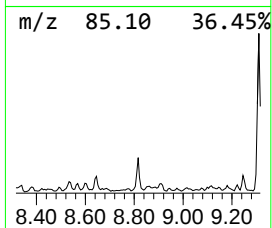
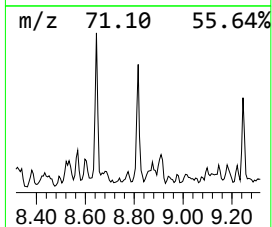
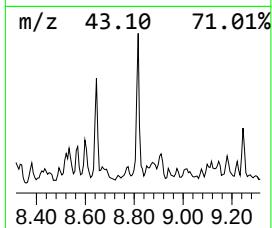
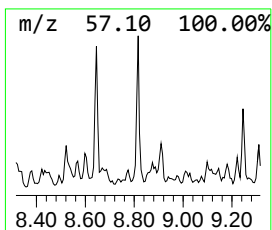
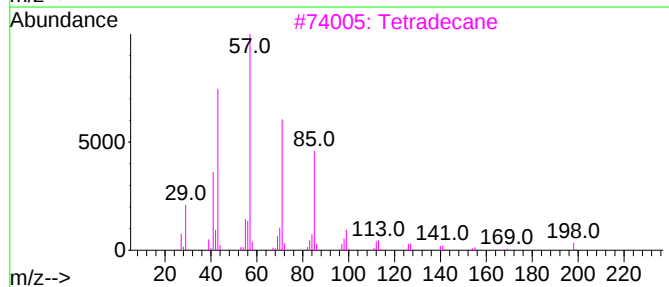
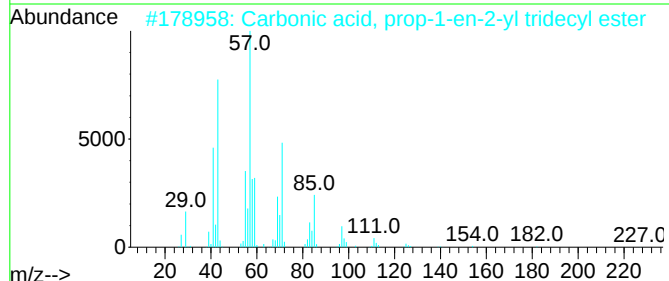
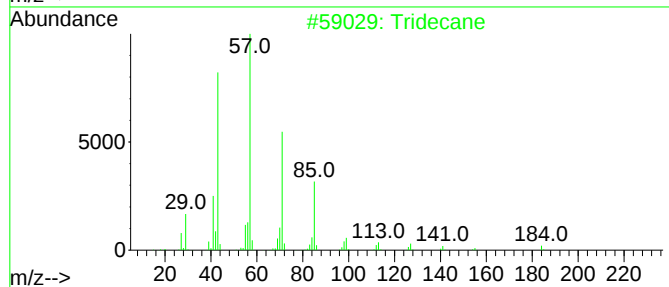
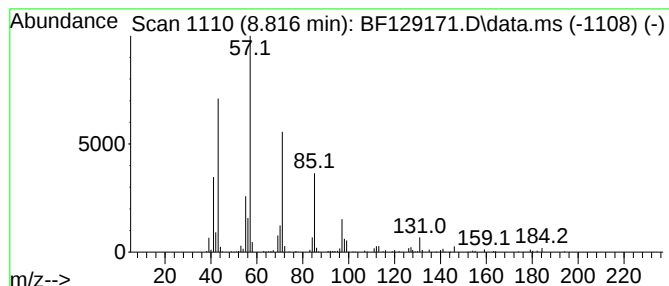
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.816	3.60 ng	224936	Naphthalene-d8	8.234

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	86
3			Tetradecane	198	C14H30	000629-59-4	80
4			Hexadecane	226	C16H34	000544-76-3	80
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129171.D
Acq On : 07 Jul 2022 21:38
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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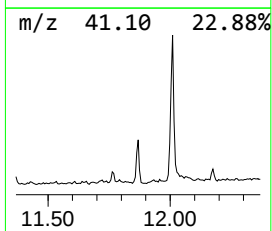
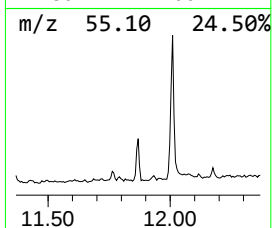
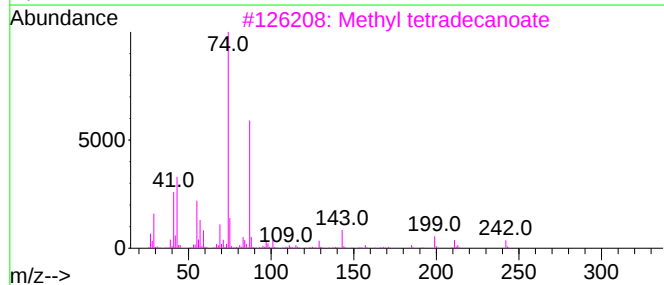
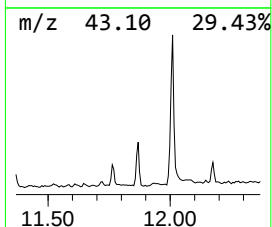
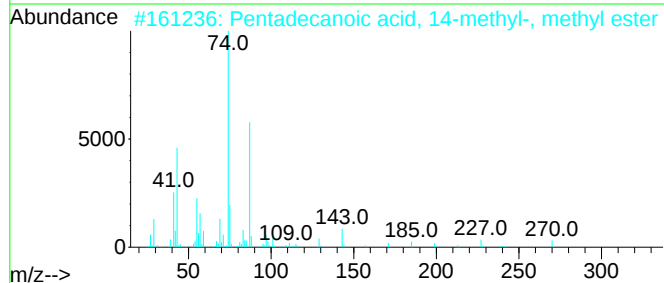
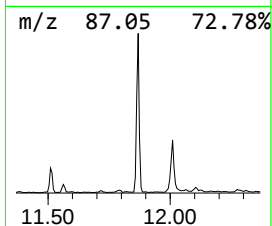
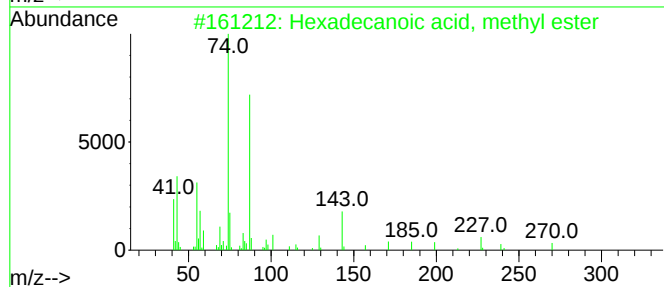
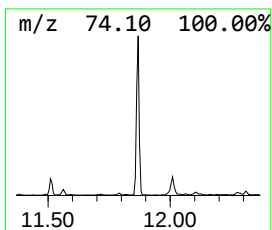
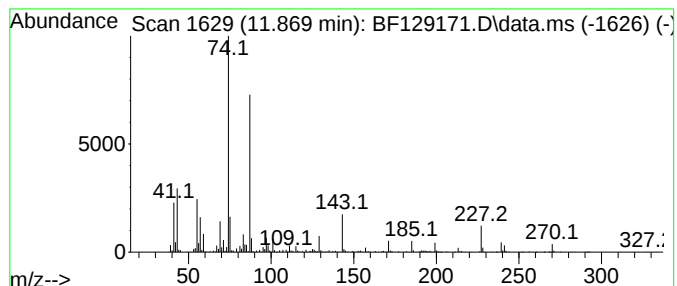
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.869	8.07 ng	504113	Phenanthrene-d10	11.486

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3			Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
4			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129171.D
Acq On : 07 Jul 2022 21:38
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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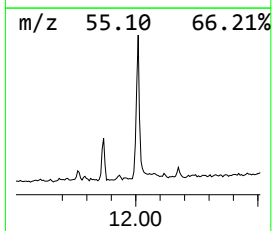
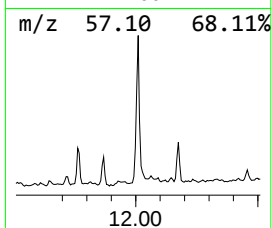
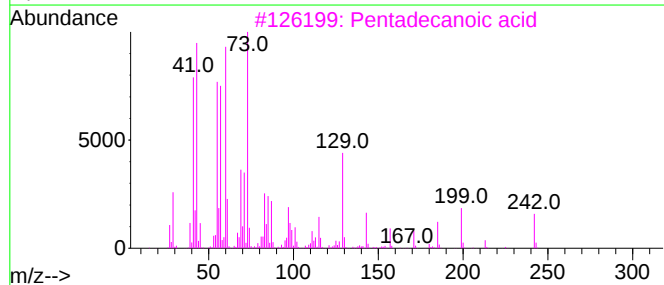
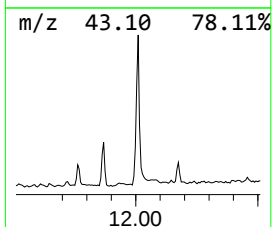
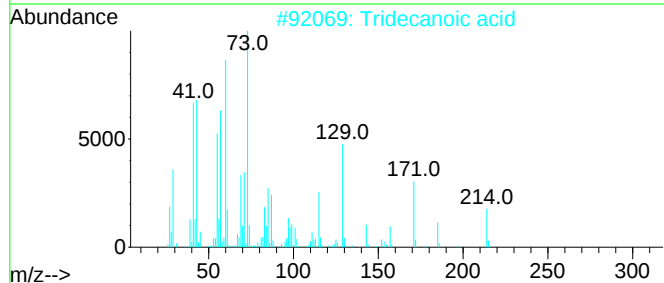
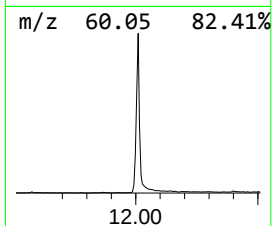
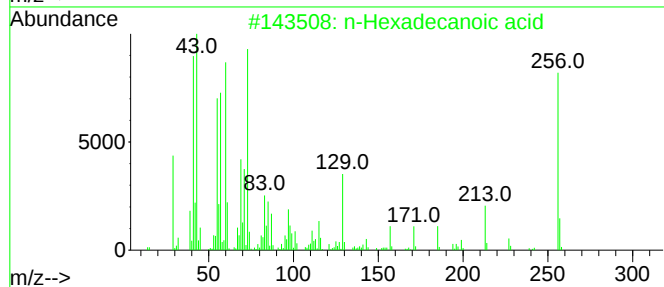
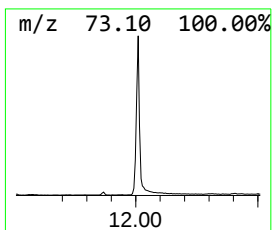
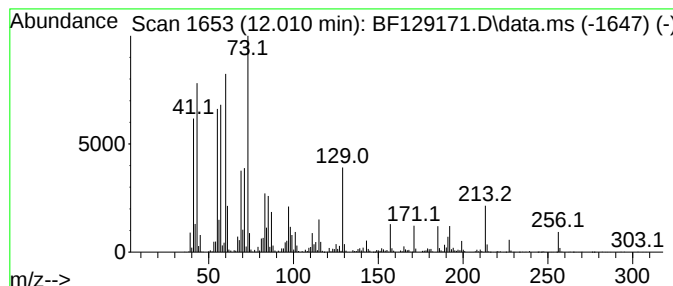
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	34.43 ng	2151800	Phenanthrene-d10	11.486

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5		n-Decanoic acid	172	C10H20O2	000334-48-5	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129171.D
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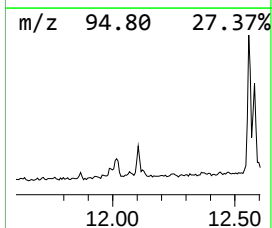
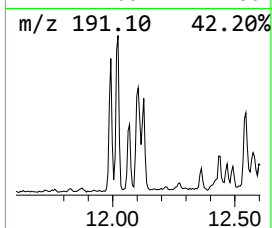
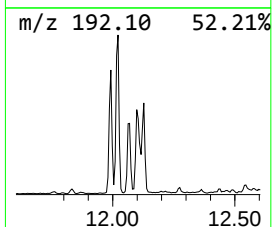
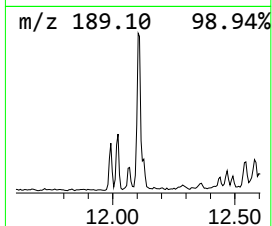
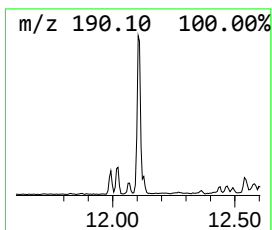
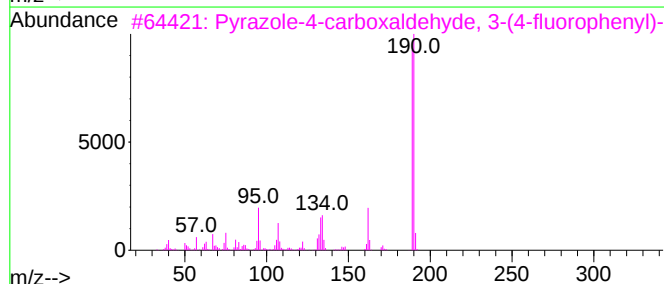
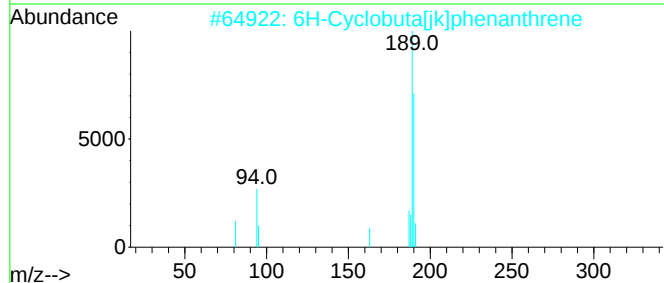
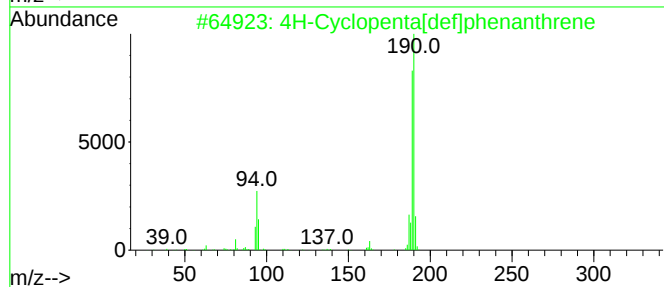
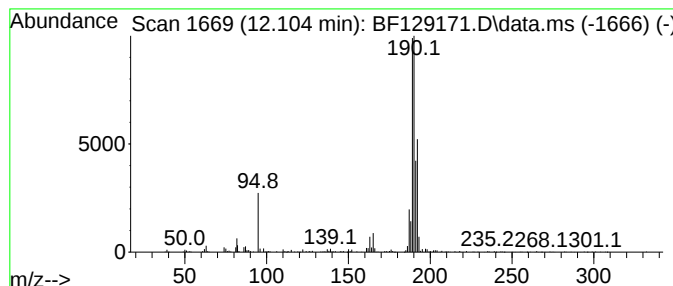
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ClientSampleId :
OE-3-070622

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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 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.104	6.24 ng	390120	Phenanthrene-d10		11.486	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	53
3	Pyrazole-4-carboxaldehyde, 3-(4-...		190	C10H7FN2O	306936-57-2	47
4	4,6-Dichloro-2-ethylpyrimidin-5-...		191	C6H7Cl2N3	006237-96-3	38
5	2-Amino-4,6-dichloropyrimidine-5...		191	C5H3Cl2N3O	005604-46-6	32



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129171.D
Acq On : 07 Jul 2022 21:38
Operator : CG\JU
Sample : N3605-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

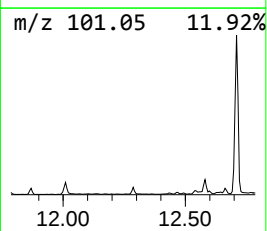
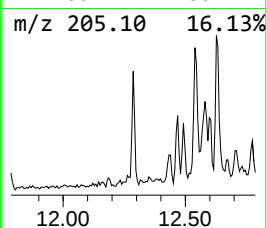
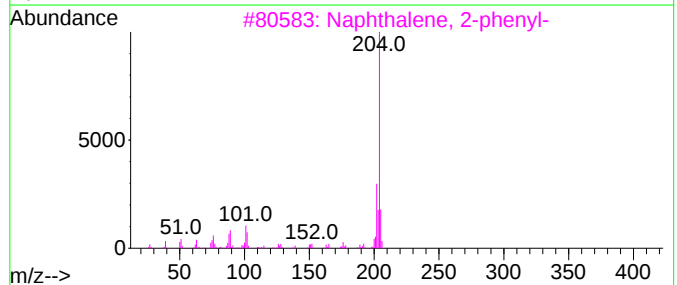
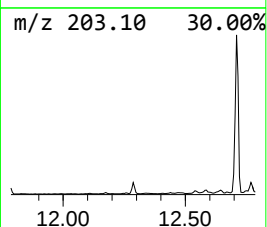
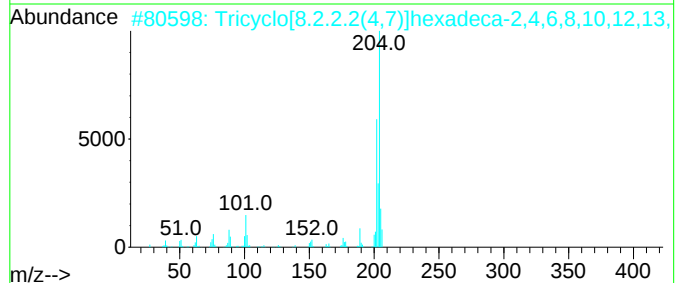
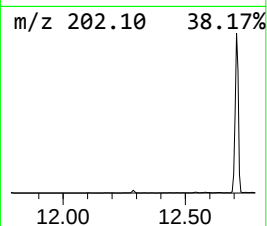
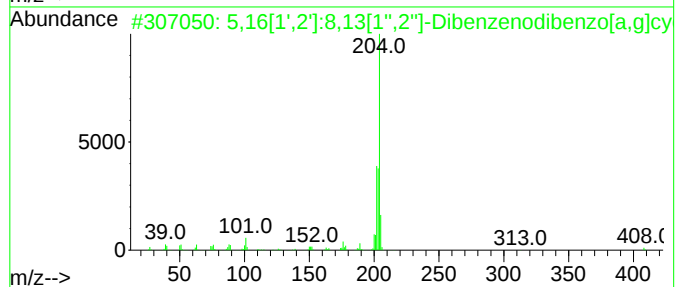
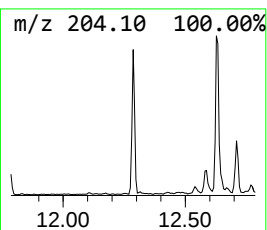
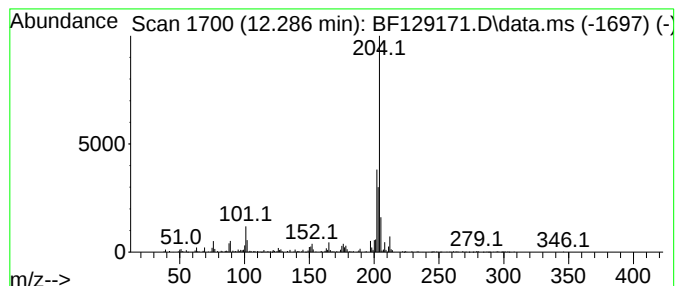
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.286	3.20 ng	200200	Phenanthrene-d10			11.486
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...		408	C32H24	005672-97-9	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...		204	C16H12	006572-60-7	86
3	Naphthalene, 2-phenyl-		204	C16H12	000612-94-2	64
4	9,10-Bis(bromomethyl)anthracene		362	C16H12Br2	034373-96-1	58
5	9,10-di(Chloromethyl)anthracene		274	C16H12Cl2	010387-13-0	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129171.D
Acq On : 07 Jul 2022 21:38
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ClientSampleId :
OE-3-070622

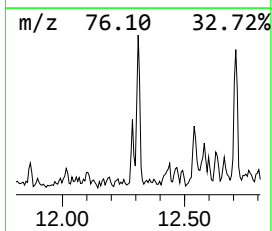
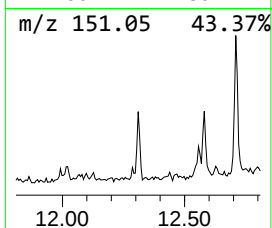
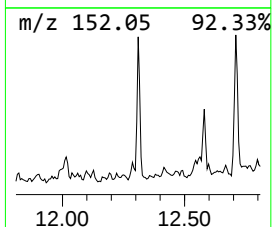
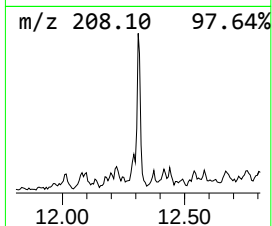
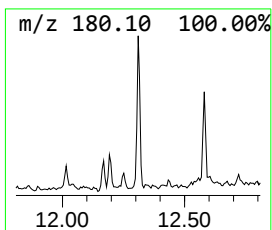
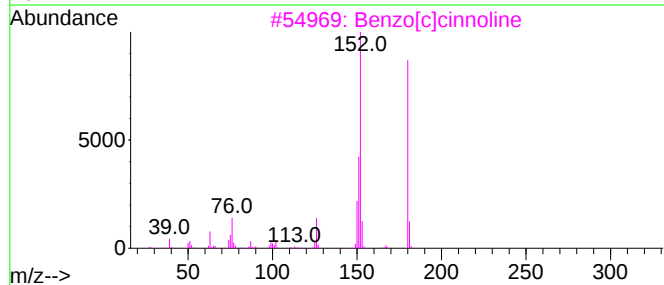
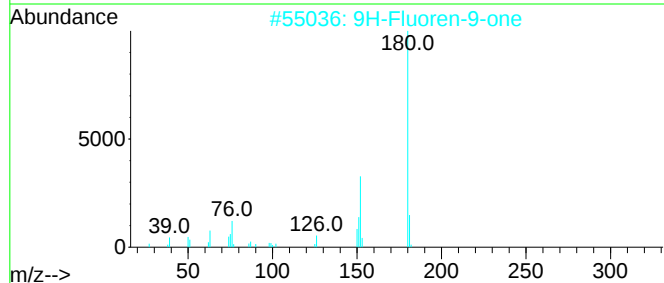
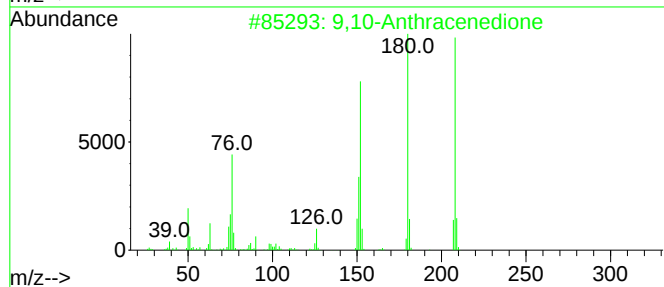
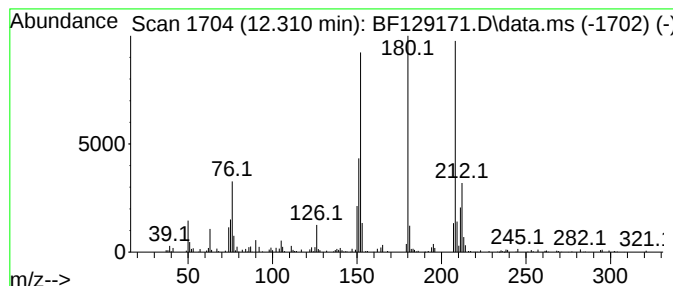
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,10-Anthracenedione Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.310	2.56 ng	160142	Phenanthrene-d10	11.486

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	60
3		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
5		1,4-Anthracenedione	208	C14H8O2	000635-12-1	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
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Sample : N3605-03
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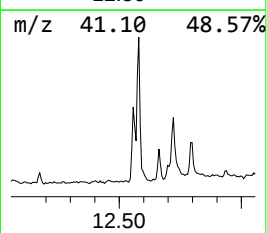
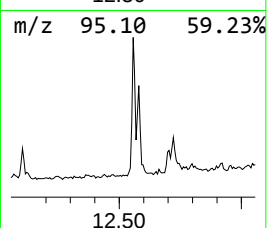
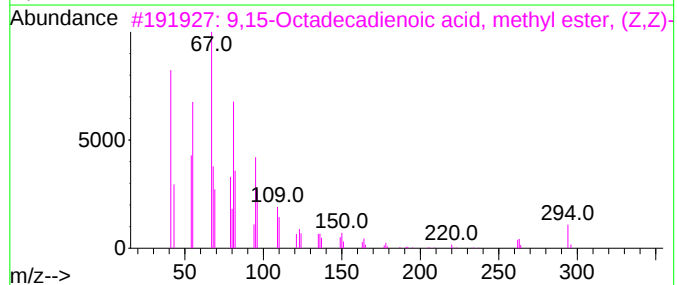
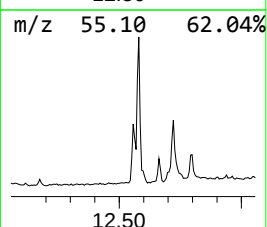
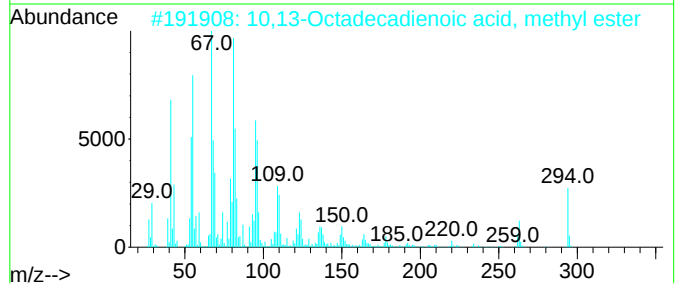
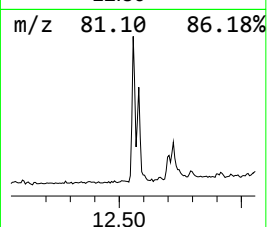
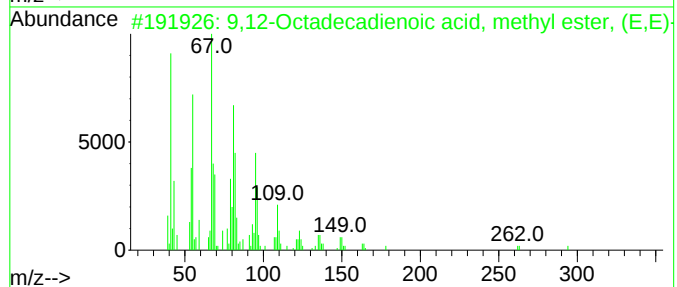
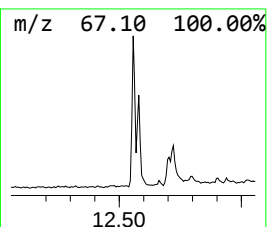
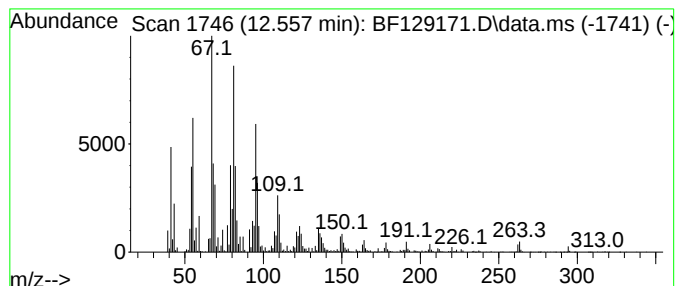
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.557	23.59 ng	1474130	Phenanthrene-d10	11.486	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129171.D
Acq On : 07 Jul 2022 21:38
Operator : CG\JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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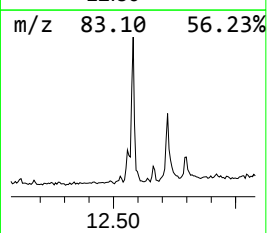
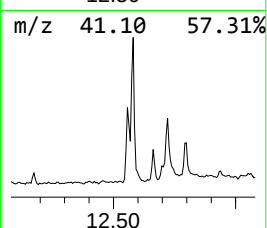
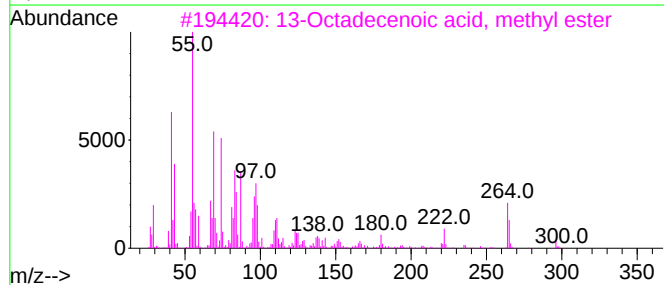
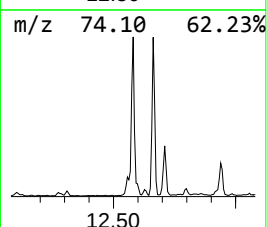
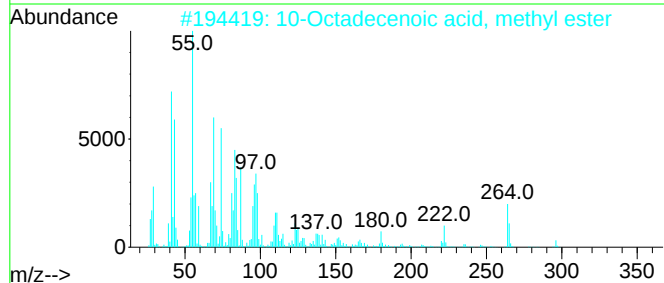
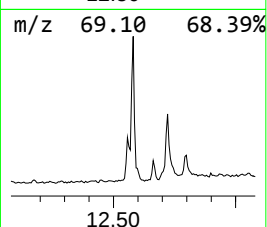
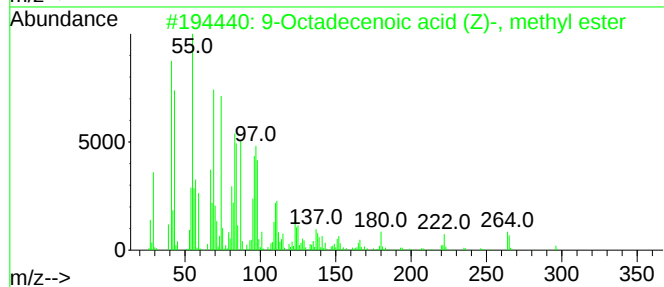
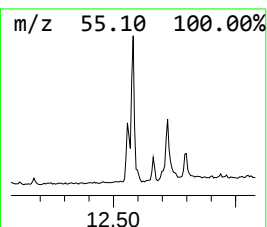
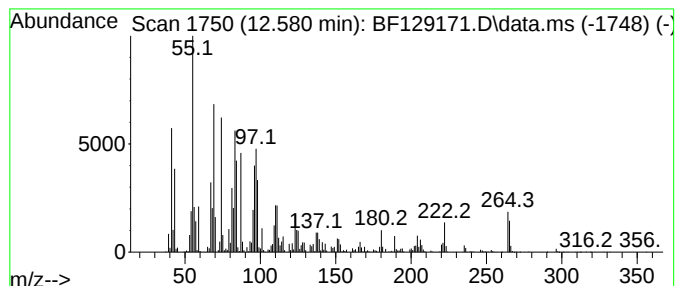
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.580	30.50 ng	1906080	Phenanthrene-d10	11.486

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2			10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
3			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4			11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
5			15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129171.D
Acq On : 07 Jul 2022 21:38
Operator : CG\JU
Sample : N3605-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

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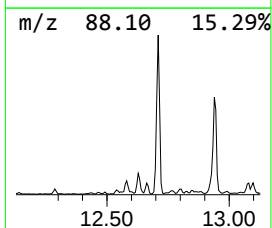
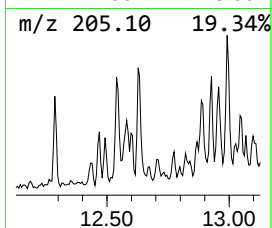
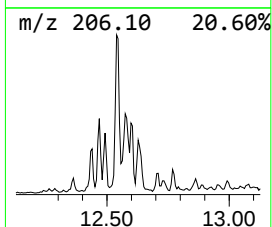
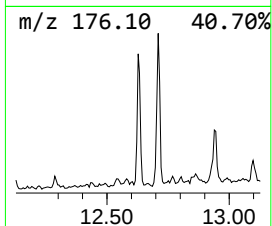
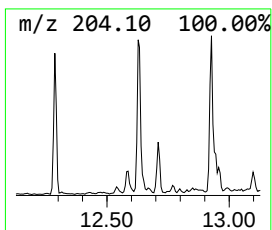
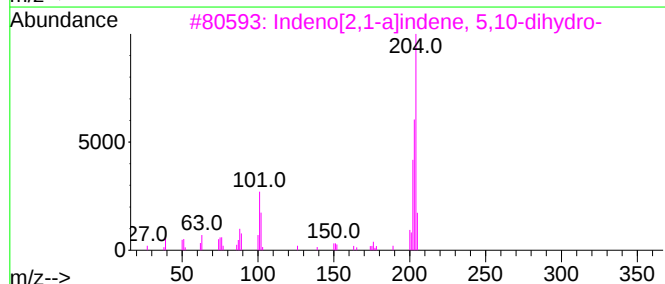
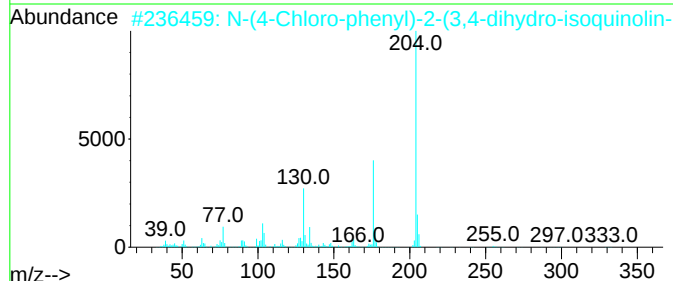
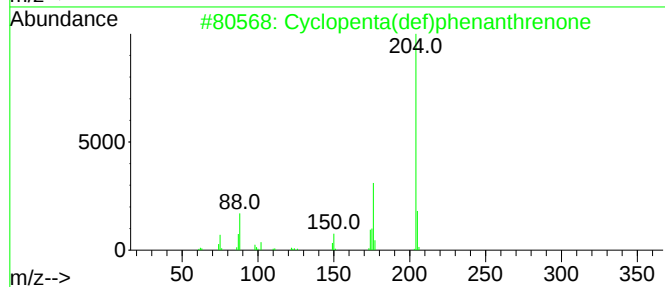
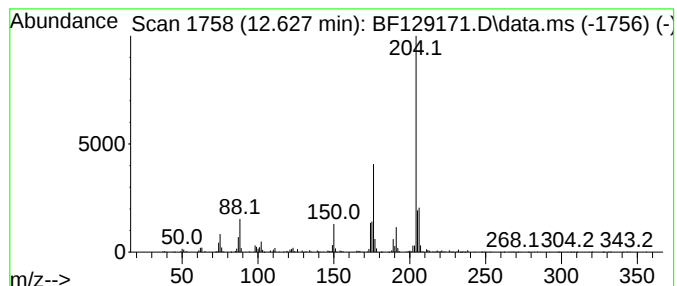
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.627	4.27 ng	266813	Phenanthrene-d10	11.486

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2			N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	50
3			Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	43
4			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
5			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
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ALS Vial : 20 Sample Multiplier: 1

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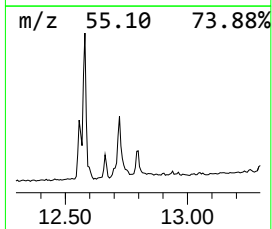
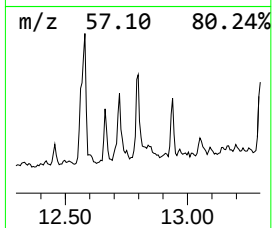
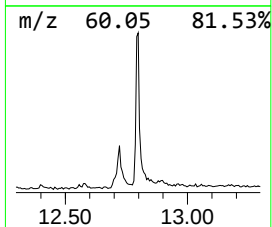
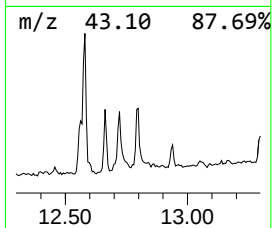
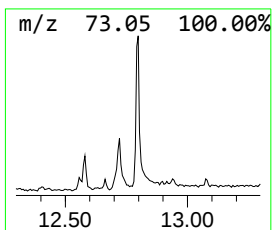
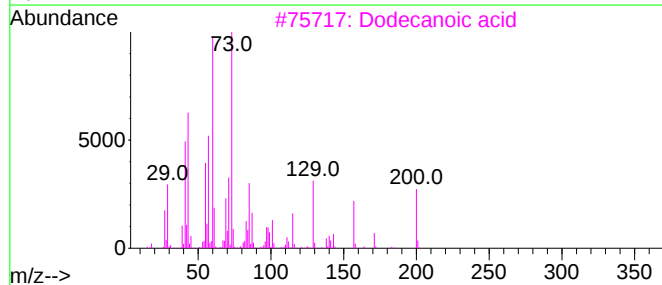
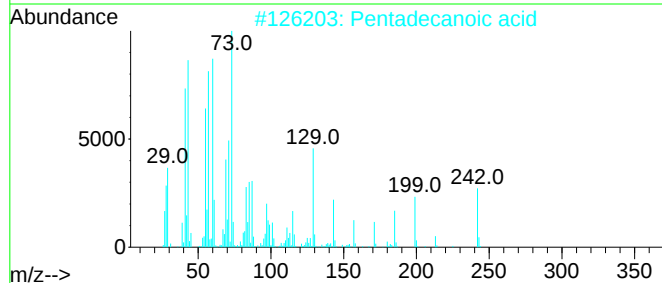
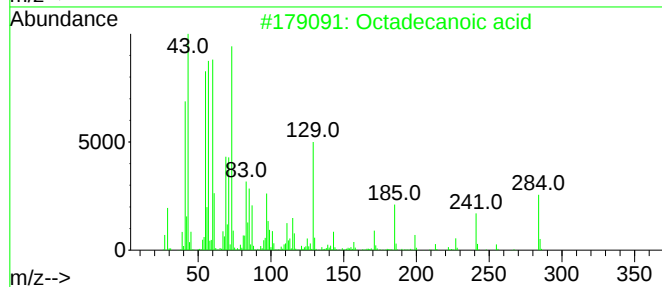
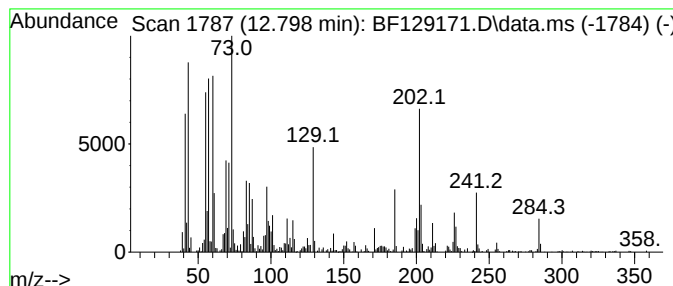
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.798	9.43 ng	589386	Phenanthrene-d10	11.486

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	78
3		Dodecanoic acid	200	C12H24O2	000143-07-7	70
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129171.D
Acq On : 07 Jul 2022 21:38
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Sample : N3605-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
OE-3-070622

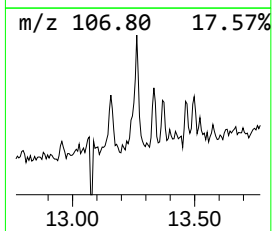
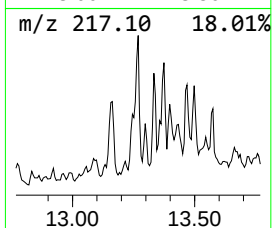
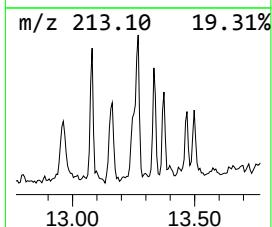
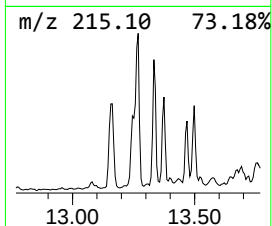
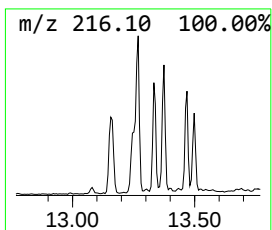
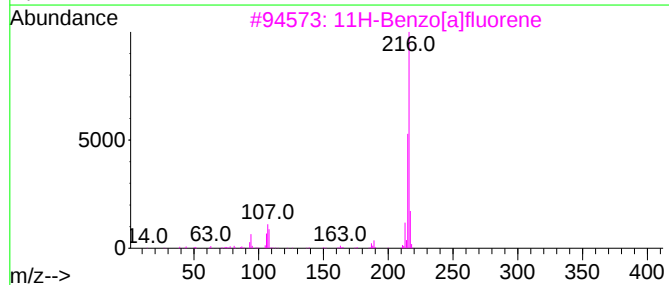
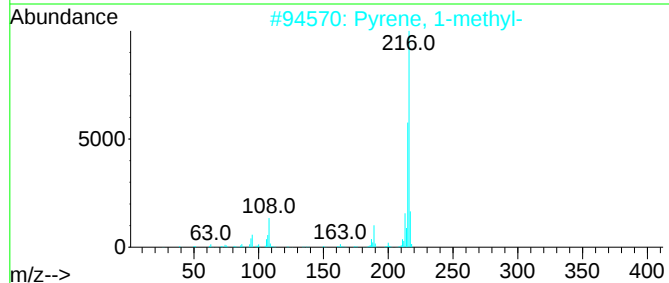
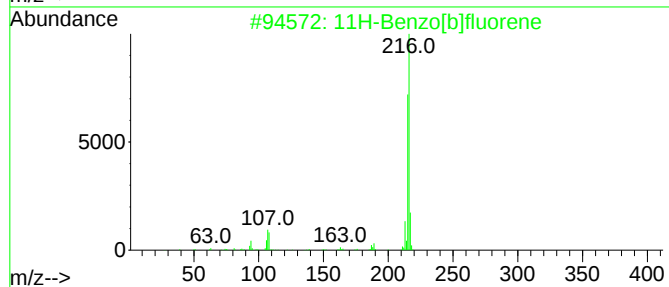
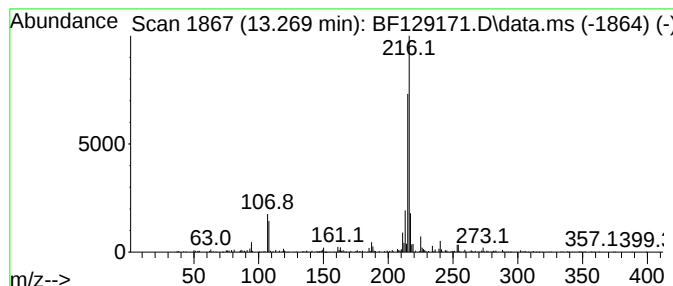
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.269	3.15 ng	419578	Chrysene-d12	14.145

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5		6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129171.D
Acq On : 07 Jul 2022 21:38
Operator : CG\JU
Sample : N3605-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-3-070622

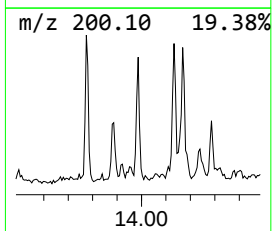
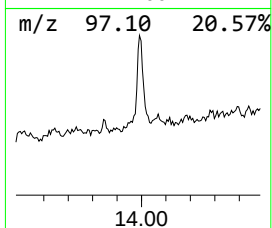
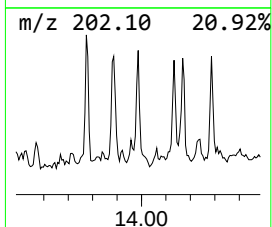
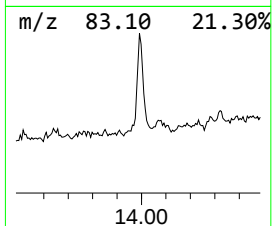
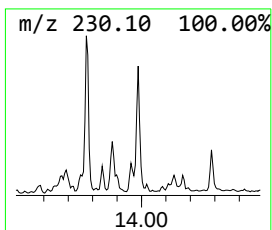
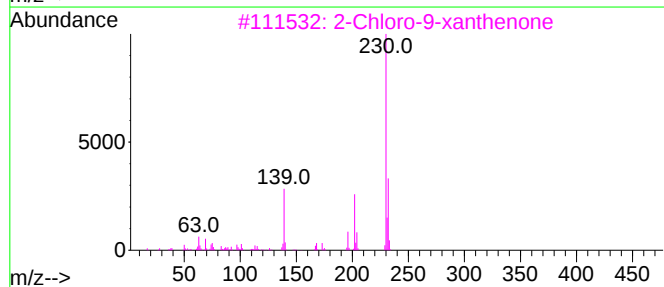
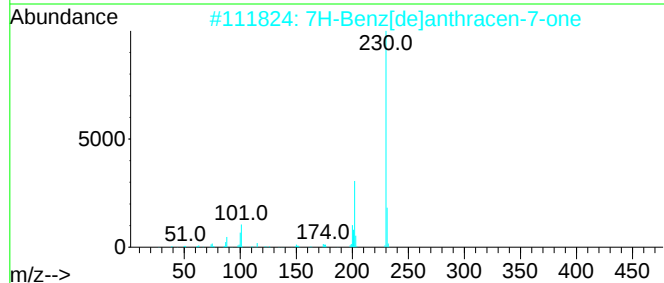
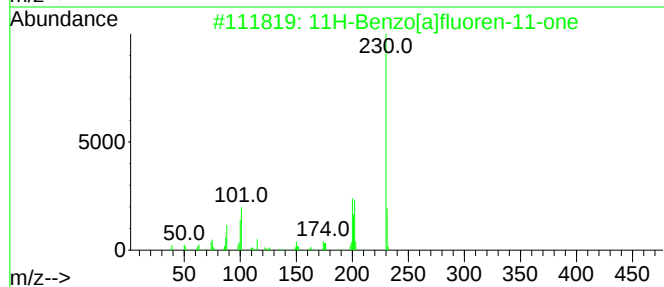
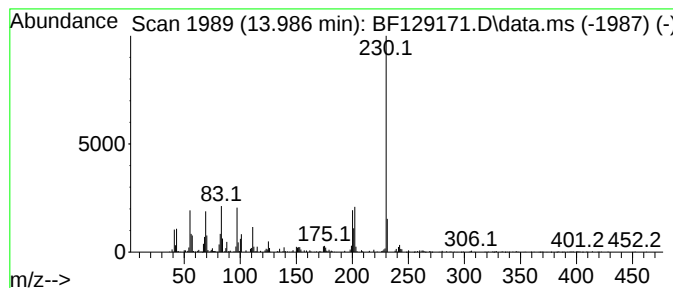
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.986	6.21 ng	827496	Chrysene-d12	14.145

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	83
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
3			2-Chloro-9-xanthene	230	C13H7ClO2	013210-15-6	43
4			5-Nitro-2,3-dimethyl-1,7-trimeth...	230	C13H14N2O2	003480-19-1	38
5			p-Terphenyl	230	C18H14	000092-94-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129171.D
Acq On : 07 Jul 2022 21:38
Operator : CG\JU
Sample : N3605-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-3-070622

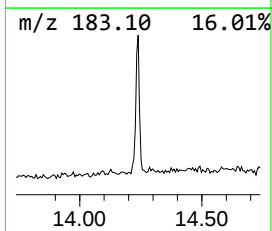
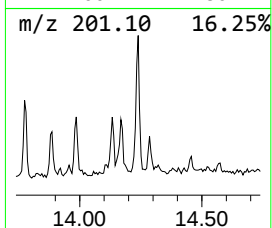
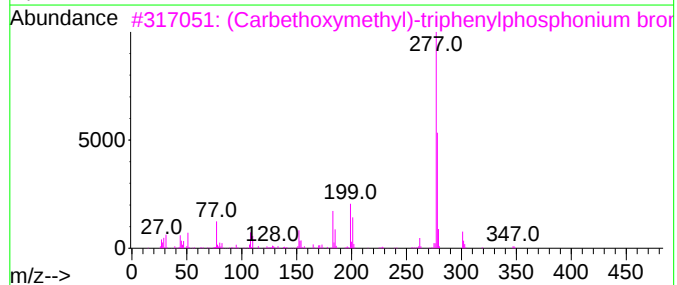
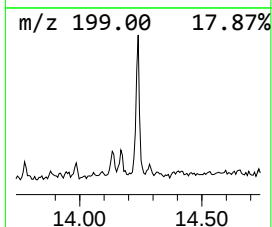
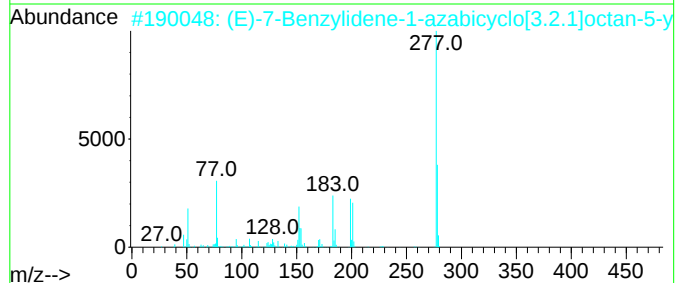
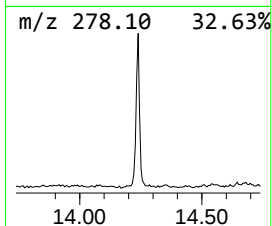
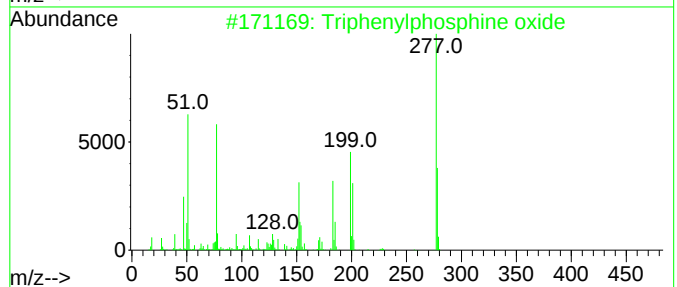
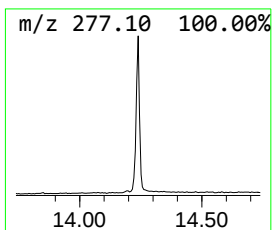
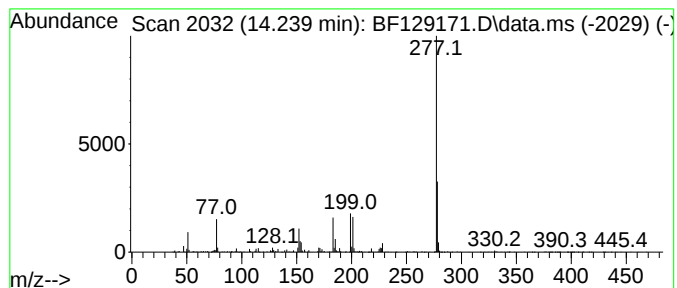
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Triphenylphosphine oxide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.239	5.03 ng	669839	Chrysene-d12	14.145

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	95
2			(E)-7-Benzylidene-1-azabicyclo[3...]	293	C15H19NO3S	1000483-83-4	91
3			(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	40
4			5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	38
5			Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129171.D
Acq On : 07 Jul 2022 21:38
Operator : CG\JU
Sample : N3605-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-3-070622

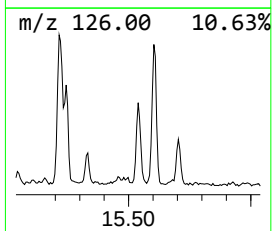
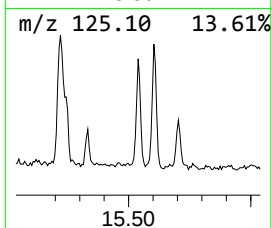
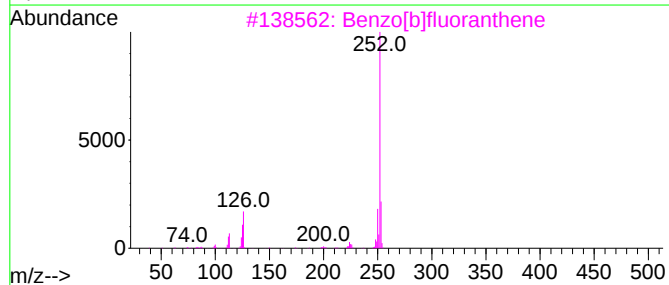
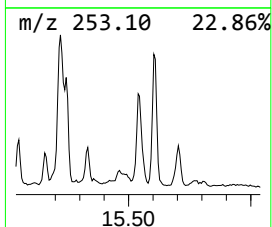
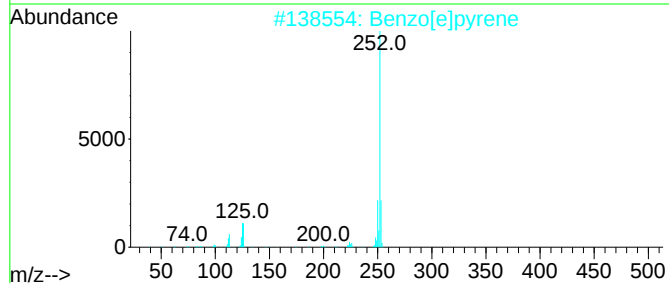
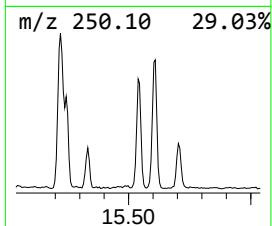
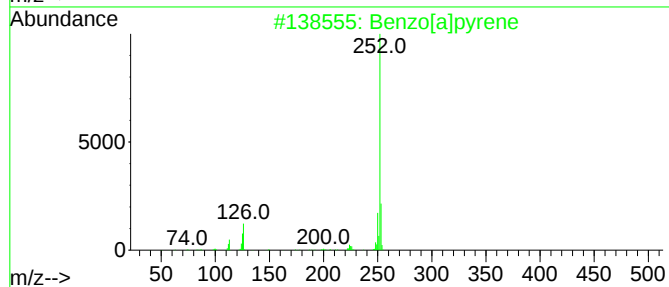
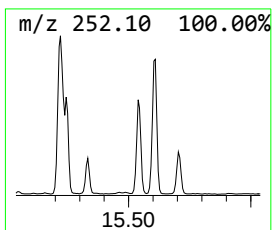
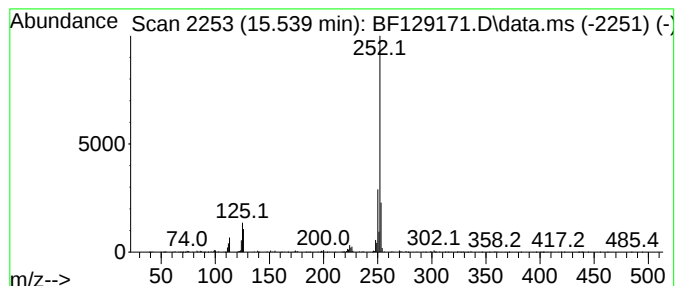
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.539	22.72 ng	744559	Perylene-d12	15.674

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[a]pyrene	252	C20H12	000050-32-8	96
2		Benzo[e]pyrene	252	C20H12	000192-97-2	94
3		Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Perylene	252	C20H12	000198-55-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
 Data File : BF129171.D
 Acq On : 07 Jul 2022 21:38
 Operator : CG\JU
 Sample : N3605-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OE-3-070622

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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trans-4a-Methyl...	7.757	3.2	ng	199637	2	8.234	1250790	20.0
Undecane, 2,6-d...	8.286	4.5	ng	282603	2	8.234	1250790	20.0
unknown8.522	8.522	3.9	ng	246068	2	8.234	1250790	20.0
Octane, 3,5-dim...	8.645	2.8	ng	171759	2	8.234	1250790	20.0
Naphthalene, 1,...	8.739	2.6	ng	161309	2	8.234	1250790	20.0
Tridecane	8.816	3.6	ng	224936	2	8.234	1250790	20.0
Hexadecanoic ac...	11.869	8.1	ng	504113	4	11.486	1250010	20.0
n-Hexadecanoic ...	12.010	34.4	ng	2151800	4	11.486	1250010	20.0
4H-Cyclopenta[d...	12.104	6.2	ng	390120	4	11.486	1250010	20.0
5,16[1',2']:8,1...	12.286	3.2	ng	200200	4	11.486	1250010	20.0
9,10-Anthracene...	12.310	2.6	ng	160142	4	11.486	1250010	20.0
9,12-Octadecadi...	12.557	23.6	ng	1474130	4	11.486	1250010	20.0
9-Octadecenoic ...	12.580	30.5	ng	1906080	4	11.486	1250010	20.0
Cyclopenta(def)...	12.627	4.3	ng	266813	4	11.486	1250010	20.0
Octadecanoic acid	12.798	9.4	ng	589386	4	11.486	1250010	20.0
11H-Benzo[b]flu...	13.269	3.1	ng	419578	5	14.145	2665980	20.0
11H-Benzo[a]flu...	13.986	6.2	ng	827496	5	14.145	2665980	20.0
Triphenylphosph...	14.239	5.0	ng	669839	5	14.145	2665980	20.0
Benzo[e]pyrene	15.539	22.7	ng	744559	6	15.674	655425	20.0