

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121820\
 Data File : BF122794.D
 Acq On : 18 Dec 2020 19:42
 Operator : JU/CG
 Sample : L5127-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-121620

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-BF120520.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122794.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.251	26	28	39	rVB	20354	27882	1.83%	0.130%
2	2.369	43	48	58	rVB	57352	109252	7.16%	0.508%
3	5.428	564	568	579	rBV	1098026	1115284	73.11%	5.190%
4	6.445	737	741	757	rBV	1184471	1194122	78.28%	5.557%
5	6.651	772	776	781	rBV3	41144	46340	3.04%	0.216%
6	6.816	800	804	812	rBV	1094003	862173	56.52%	4.012%
7	7.375	896	899	904	rBV	799825	729146	47.80%	3.393%
8	7.416	904	906	911	rVB	50005	43789	2.87%	0.204%
9	8.104	1017	1023	1026	rBV	1138495	1117116	73.23%	5.199%
10	8.692	1120	1123	1127	rVB	33418	26948	1.77%	0.125%
11	8.816	1141	1144	1148	rVB	36351	28085	1.84%	0.131%
12	8.910	1157	1160	1168	rVB	28555	32641	2.14%	0.152%
13	9.174	1201	1205	1216	rBV	1808053	1525452	100.00%	7.099%
14	9.257	1216	1219	1221	rBV	44194	37175	2.44%	0.173%
15	9.445	1246	1251	1253	rBV2	20865	24979	1.64%	0.116%
16	9.516	1259	1263	1265	rBV	31842	32055	2.10%	0.149%
17	9.569	1269	1272	1280	rVV	227109	223901	14.68%	1.042%
18	9.633	1280	1283	1287	rVB3	19097	18994	1.25%	0.088%
19	9.716	1294	1297	1301	rBV	151079	127699	8.37%	0.594%
20	9.786	1307	1309	1314	rVB	48594	35134	2.30%	0.163%
21	9.857	1317	1321	1324	rVV	1370216	1240762	81.34%	5.774%
22	9.886	1324	1326	1336	rVB	74780	84117	5.51%	0.391%
23	10.057	1351	1355	1360	rBV2	49403	58105	3.81%	0.270%
24	10.098	1360	1362	1369	rVB5	17874	21428	1.40%	0.100%
25	10.168	1371	1374	1376	rBV2	19086	18726	1.23%	0.087%
26	10.263	1386	1390	1391	rBV3	20667	25232	1.65%	0.117%
27	10.286	1391	1394	1396	rVB	53440	42149	2.76%	0.196%
28	10.404	1410	1414	1420	rVB2	64718	72031	4.72%	0.335%
29	10.510	1430	1432	1435	rVB2	27652	22678	1.49%	0.106%
30	10.557	1438	1440	1444	rVB2	20997	17875	1.17%	0.083%
31	10.639	1451	1454	1465	rVB	845615	843343	55.28%	3.925%
32	10.757	1472	1474	1475	rBV	56484	45362	2.97%	0.211%
33	10.951	1503	1507	1509	rBV3	23116	26965	1.77%	0.125%
34	11.080	1524	1529	1531	rBV3	18933	22983	1.51%	0.107%
35	11.145	1537	1540	1544	rBV	29636	31053	2.04%	0.145%
36	11.204	1548	1550	1553	rVV2	52210	53899	3.53%	0.251%

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.239	1553	1556	1561	rVB	67372	70062	4.59%	0.326%
38	11.339	1569	1573	1575	rBV	1309444	1139150	74.68%	5.301%
39	11.363	1575	1577	1581	rVV	575576	487915	31.98%	2.271%
40	11.415	1583	1586	1589	rVV	168908	145701	9.55%	0.678%
41	11.451	1589	1592	1595	rVB2	25513	26288	1.72%	0.122%
42	11.574	1610	1613	1618	rBV2	42814	58404	3.83%	0.272%
43	11.633	1620	1623	1626	rVB	62696	47460	3.11%	0.221%
44	11.668	1627	1629	1635	rVB4	24105	34528	2.26%	0.161%
45	11.733	1637	1640	1642	rBV	50475	37777	2.48%	0.176%
46	11.839	1655	1658	1661	rBV	77290	78698	5.16%	0.366%
47	11.868	1661	1663	1669	rVV	152251	148427	9.73%	0.691%
48	11.915	1669	1671	1674	rVV	39082	39877	2.61%	0.186%
49	11.957	1674	1678	1680	rVV2	118810	142057	9.31%	0.661%
50	11.974	1680	1681	1685	rVB	61536	46335	3.04%	0.216%
51	12.039	1689	1692	1696	rVB2	48930	48366	3.17%	0.225%
52	12.074	1696	1698	1701	rVB2	23449	18415	1.21%	0.086%
53	12.104	1701	1703	1706	rBV4	16396	22454	1.47%	0.104%
54	12.139	1706	1709	1711	rVV	50127	50281	3.30%	0.234%
55	12.168	1711	1714	1716	rVB	40913	38602	2.53%	0.180%
56	12.268	1728	1731	1732	rBV2	26942	22026	1.44%	0.102%
57	12.315	1737	1739	1742	rBV2	40652	38108	2.50%	0.177%
58	12.392	1748	1752	1754	rBV	86044	89239	5.85%	0.415%
59	12.421	1754	1757	1758	rBV2	124039	124230	8.14%	0.578%
60	12.480	1764	1767	1771	rBV	49524	50481	3.31%	0.235%
61	12.551	1776	1779	1784	rBV	779258	662358	43.42%	3.082%
62	12.651	1792	1796	1798	rBV	63417	66360	4.35%	0.309%
63	12.709	1803	1806	1807	rBV2	32125	35080	2.30%	0.163%
64	12.780	1812	1818	1821	rBV	729712	712501	46.71%	3.316%
65	12.921	1836	1842	1850	rVB	1598774	1475477	96.72%	6.866%
66	12.998	1852	1855	1859	rBV2	59098	87852	5.76%	0.409%
67	13.057	1863	1865	1867	rBV2	24076	20839	1.37%	0.097%
68	13.086	1867	1870	1871	rBV2	56065	49722	3.26%	0.231%
69	13.109	1872	1874	1877	rVB2	120892	102580	6.72%	0.477%
70	13.157	1879	1882	1883	rBV2	57077	51087	3.35%	0.238%
71	13.174	1883	1885	1888	rVB	65357	53571	3.51%	0.249%
72	13.215	1889	1892	1896	rBV2	95575	96459	6.32%	0.449%
73	13.304	1905	1907	1910	rVB	53620	41589	2.73%	0.194%
74	13.339	1910	1913	1916	rBV	47624	53868	3.53%	0.251%
75	13.498	1938	1940	1943	rVB2	46454	39023	2.56%	0.182%
76	13.621	1958	1961	1964	rVB	61819	69980	4.59%	0.326%

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

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.780	1986	1988	1990	rBV	57626	52973	3.47%	0.247%
78	13.827	1994	1996	1998	rBV	86416	70473	4.62%	0.328%
79	13.980	2017	2022	2025	rBV2	1285121	1486766	97.46%	6.919%
80	14.004	2025	2026	2029	rVB	331452	240403	15.76%	1.119%
81	14.492	2107	2109	2111	rBV	91449	75156	4.93%	0.350%
82	15.021	2195	2199	2201	rBV	443310	615104	40.32%	2.862%
83	15.315	2246	2249	2256	rVB	298780	391498	25.66%	1.822%
84	15.380	2256	2260	2265	rBV	408270	563624	36.95%	2.623%
85	15.445	2266	2271	2286	rVB2	830684	1384743	90.78%	6.444%

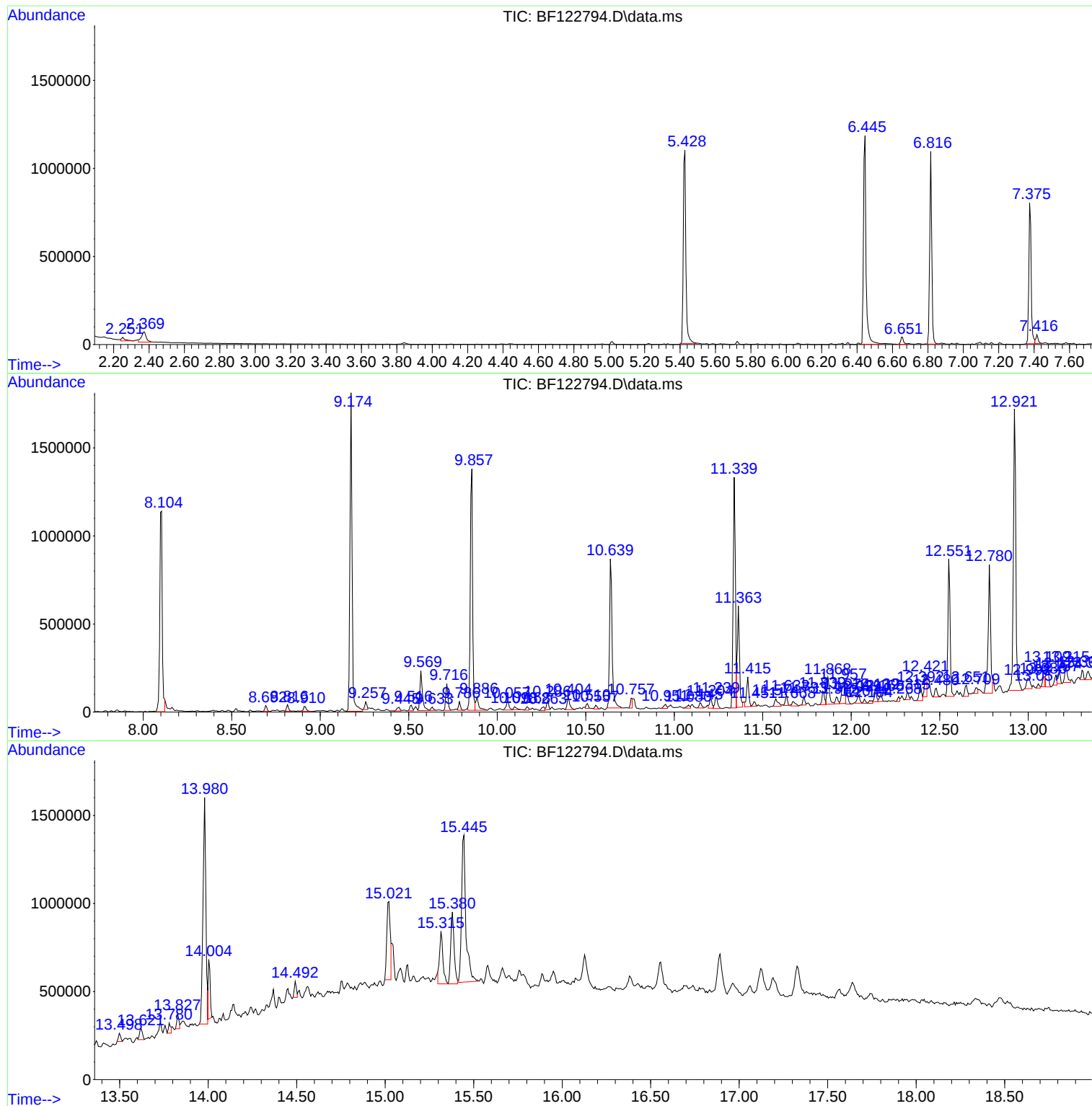
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121820\
Data File : BF122794.D
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Instrument :
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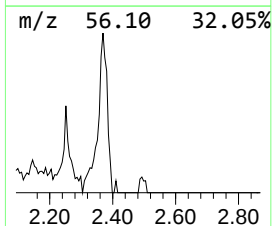
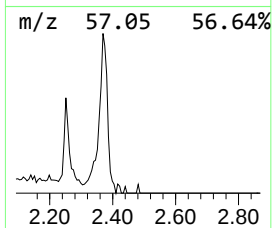
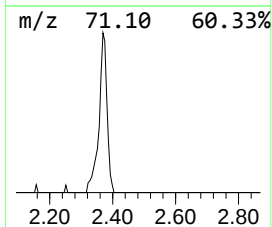
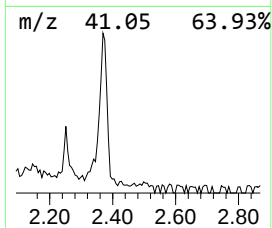
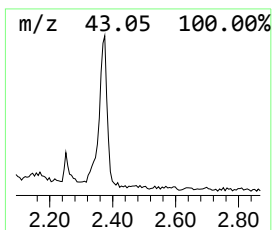
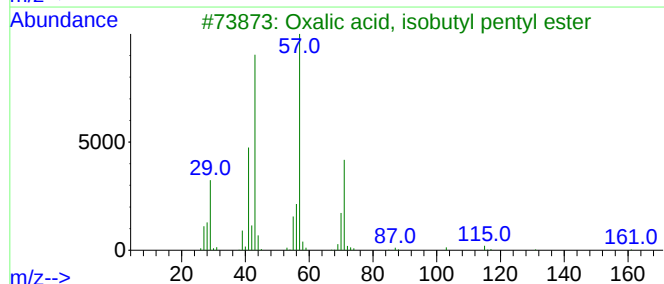
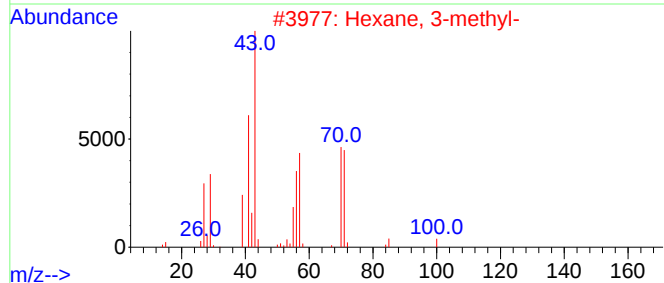
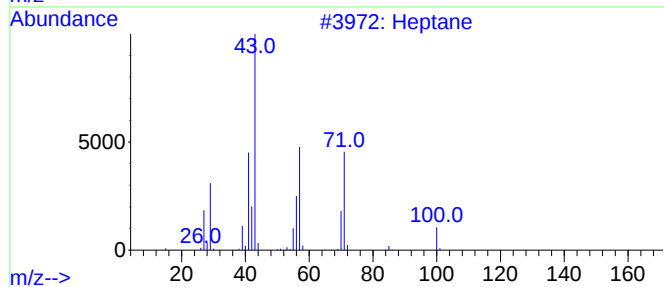
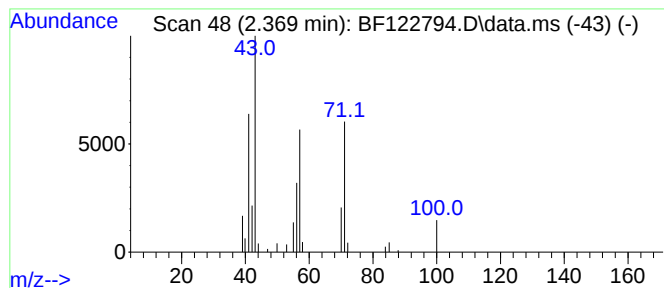
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Heptane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.369	2.53 ng	109252	1,4-Dichlorobenzene-d4	6.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	91
2			Hexane, 3-methyl-	100	C7H16	000589-34-4	64
3			Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	59
4			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50
5			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47



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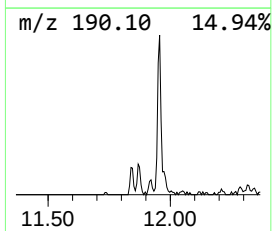
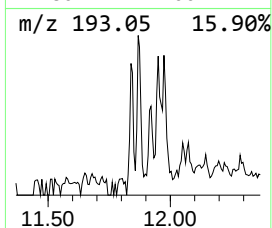
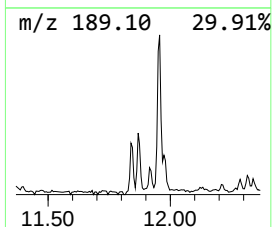
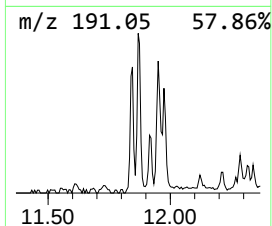
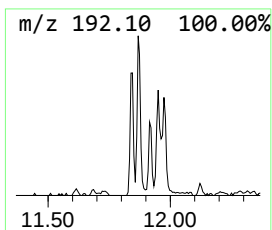
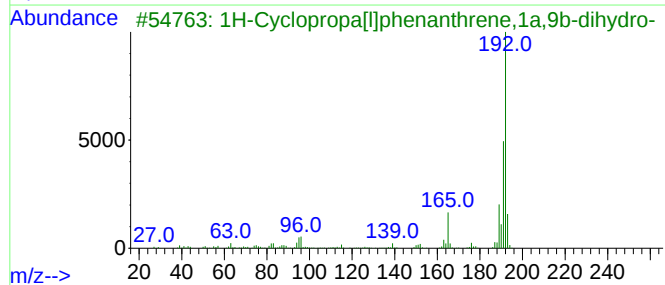
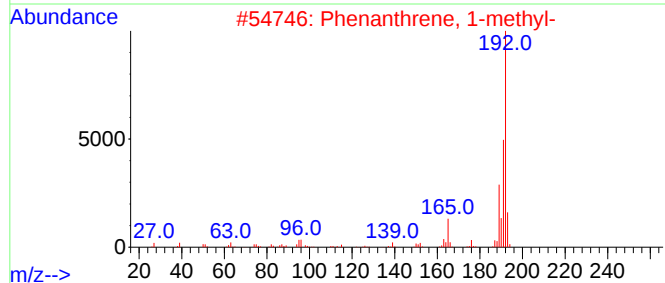
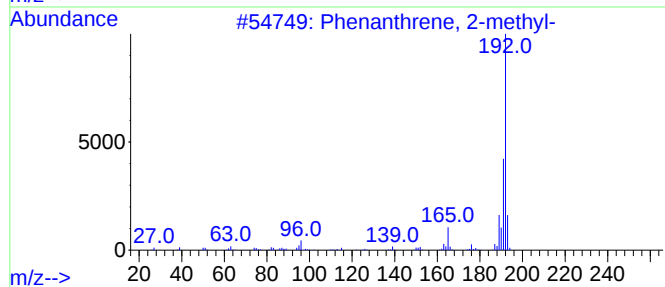
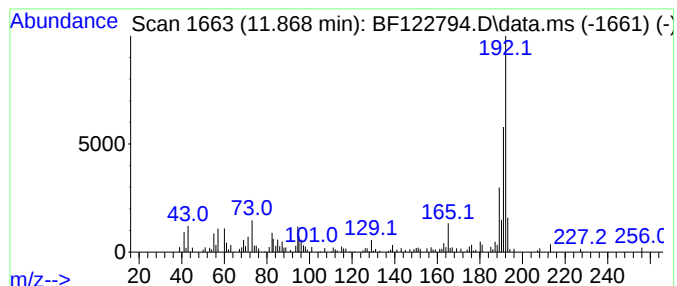
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.868	2.61 ng	148427	Phenanthrene-d10	11.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	97
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



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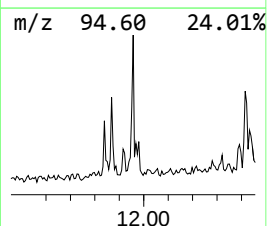
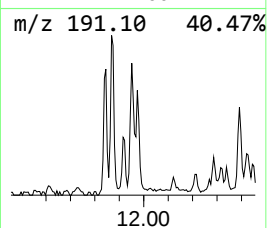
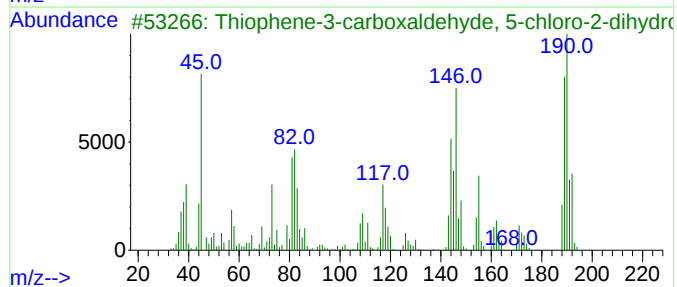
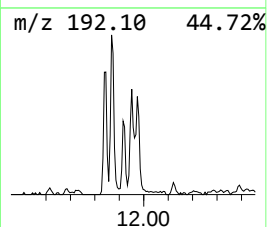
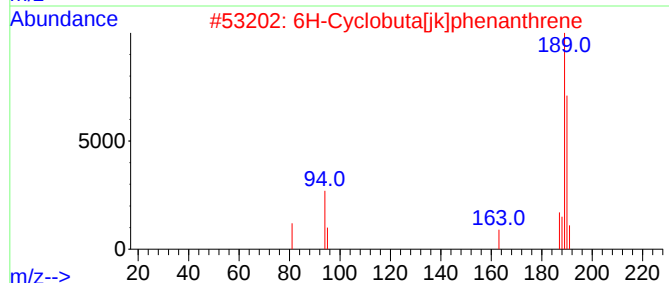
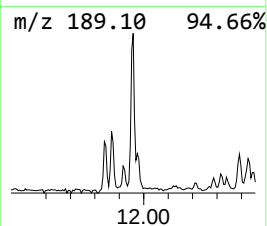
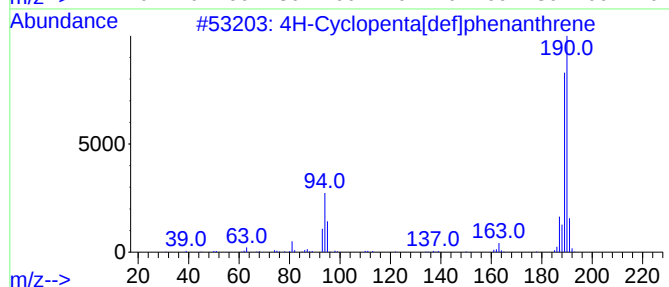
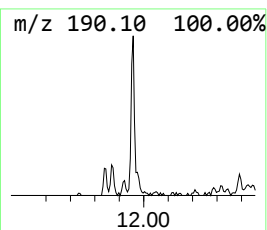
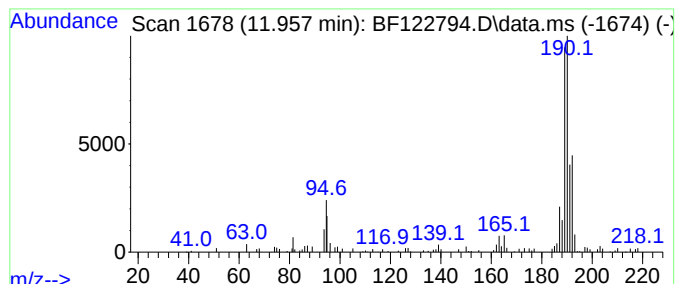
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	2.49 ng	142057	Phenanthrene-d10	11.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4			Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
5			Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	37



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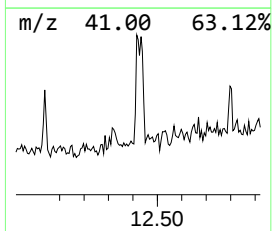
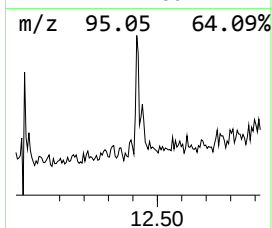
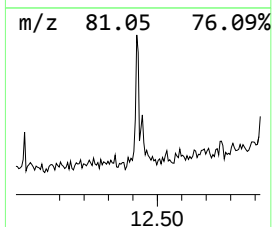
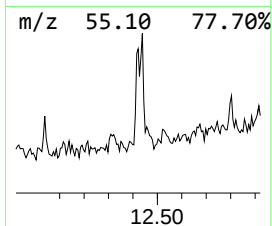
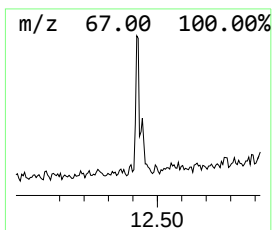
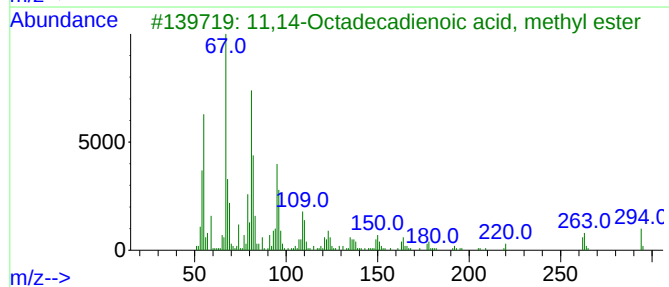
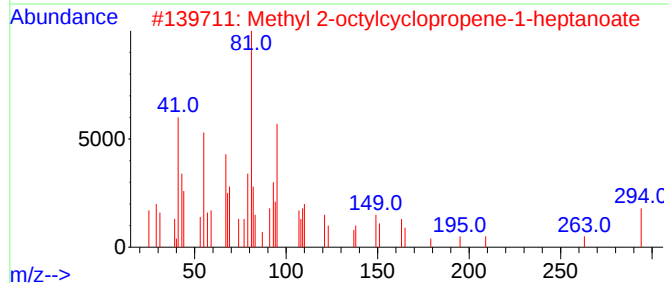
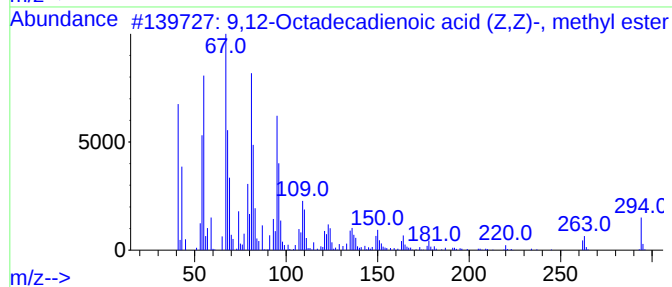
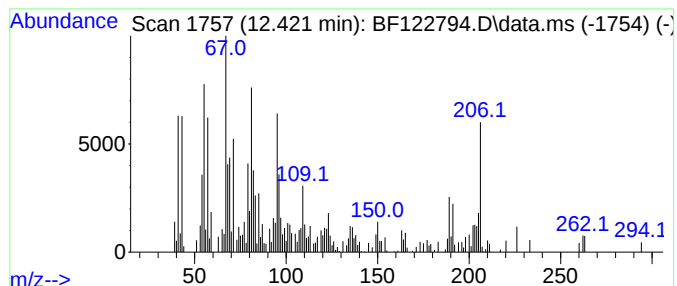
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 9,12-Octadecadienoic acid (... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.421	2.18 ng	124230	Phenanthrene-d10	11.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	74
2			Methyl 2-octylcyclopropene-1-hep...	294	C19H34O2	005026-66-4	70
3			11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	58
4			3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	53
5			2,11-Dodecadiene, 4-chloro-	200	C12H21Cl	1000155-54-5	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121820\
Data File : BF122794.D
Acq On : 18 Dec 2020 19:42
Operator : JU/CG
Sample : L5127-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-121620

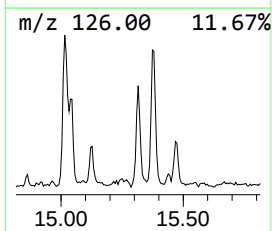
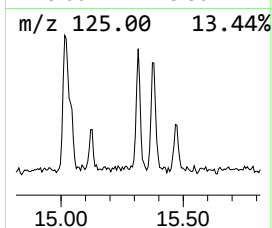
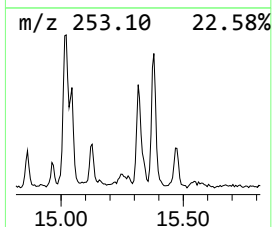
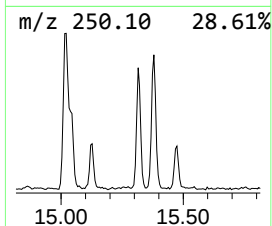
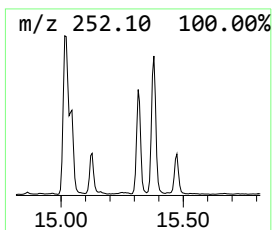
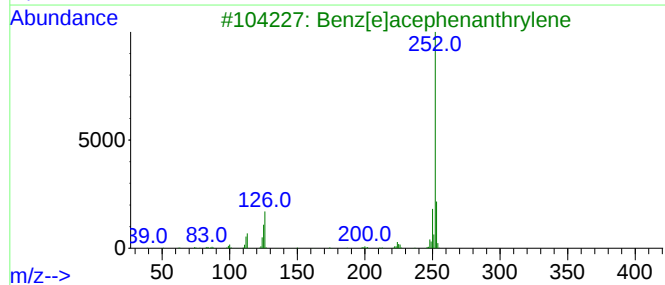
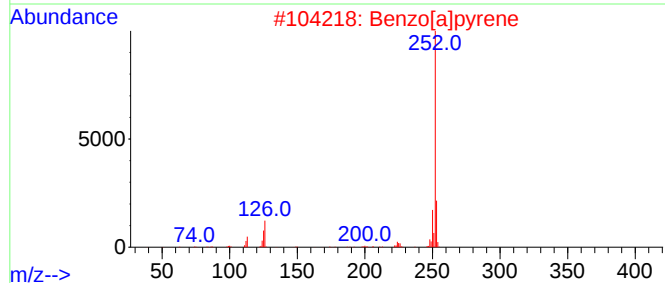
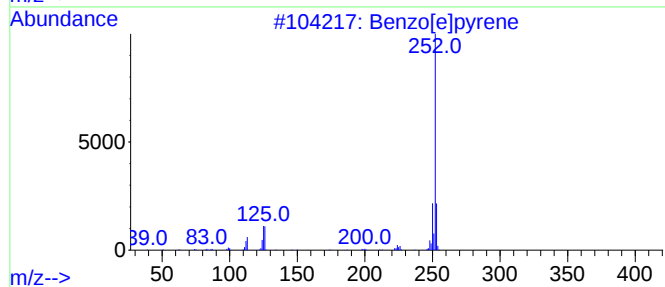
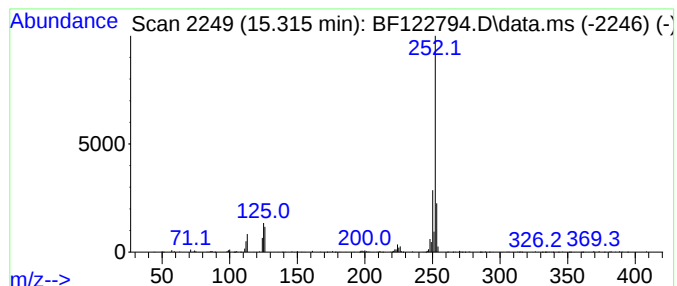
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.315	5.65 ng	391498	Perylene-d12	15.445

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[a]pyrene	252	C20H12	000050-32-8	97
3			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121820\
Data File : BF122794.D
Acq On : 18 Dec 2020 19:42
Operator : JU/CG
Sample : L5127-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-121620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Heptane	2.369	2.5	ng	109252	1	6.816	862173	20.0
Phenanthrene, 2...	11.868	2.6	ng	148427	4	11.339	1139150	20.0
4H-Cyclopenta[d...	11.957	2.5	ng	142057	4	11.339	1139150	20.0
9,12-Octadecadi...	12.421	2.2	ng	124230	4	11.339	1139150	20.0
Benzo[e]pyrene	15.315	5.7	ng	391498	6	15.445	1384740	20.0