LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130506.D
Acq On : 03 Oct 2022 19:01
Operator : CG\JU
Sample : N4907-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130506.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.140	345	349	360	rBV	117802	164362	4.41%	0.303%
2	4.822	458	465	468	rBV	1443771	2061343	55.30%	3.797%
3	5.240	532	536	552	rBV	1908637	1762729	47.29%	3.247%
4	5.646	601	605	611	rBV	132516	137631	3.69%	0.253%
5	6.281	708	713	727	rBV	1819886	1794157	48.13%	3.305%
6	6.634	770	773	777	rBV	683884	567384	15.22%	1.045%
7	7.204	866	870	873	rBV	1259149	1058383	28.39%	1.949%
8	7.916	987	991	993	rBV	761275	722913	19.39%	1.331%
9	7.940	993	995	1001	rVV	1082723	817661	21.93%	1.506%
10	8.628	1109	1112	1119	rBV	532401	468956	12.58%	0.864%
11	8.728	1125	1129	1138	rVB	456978	376588	10.10%	0.694%
12	8.992	1170	1174	1180	rBV	1934725	1636325	43.90%	3.014%
13	9.092	1185	1191	1197	rBV	159257	148759	3.99%	0.274%
14	9.186	1204	1207	1214	rVB	68087	79102	2.12%	0.146%
15	9.257	1214	1219	1223	rBV	188532	257337	6.90%	0.474%
16	9.328	1227	1231	1234	rBV	339200	334528	8.97%	0.616%
17	9.357	1234	1236	1240	rVB	179202	158590	4.25%	0.292%
18	9.445	1245	1251	1259	rVB	160510	189874	5.09%	0.350%
19	9.528	1259	1265	1270	rBV	193791	166263	4.46%	0.306%
20	9.669	1282	1289	1291	rBV2	757578	714689	19.17%	1.316%
21	9.698	1291	1294	1298	rVB	463021	398018	10.68%	0.733%
22	9.869	1317	1323	1327	rBV	622375	576460	15.46%	1.062%
23	9.910	1327	1330	1333	rVB	103611	82843	2.22%	0.153%
24	9.981	1338	1342	1345	rBV2	88787	94518	2.54%	0.174%
25	10.169	1368	1374	1378	rBV3	38479	80867	2.17%	0.149%
26	10.216	1378	1382	1388	rVB	1050064	940844	25.24%	1.733%
27	10.275	1388	1392	1394	rBV	59374	83098	2.23%	0.153%
28	10.369	1406	1408	1413	rVB	167539	140007	3.76%	0.258%
29	10.451	1416	1422	1427	rBV	1018815	997409	26.76%	1.837%
30	10.581	1441	1444	1451	rVB2	85726	103099	2.77%	0.190%
31	10.757	1469	1474	1477	rBV	164388	201964	5.42%	0.372%
32	10.786	1477	1479	1482	rVV	106309	87926	2.36%	0.162%
33	11.045	1520	1523	1528	rVB	338599	306160	8.21%	0.564%
34	11.151	1537	1541	1542	rBV	479736	487377	13.07%	0.898%
35	11.180	1542	1546	1549	rVV	4088602	3727736	100.00%	6.866%
36	11.222	1549	1553	1556	rVV	875370	805908	21.62%	1.484%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
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Acq On : 03 Oct 2022 19:01
Operator : CG\JU
Sample : N4907-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.386	1573	1581	1589	rBV	407301	446873	11.99%	0.823%
38	11.445	1589	1591	1594	rVV3	94509	93836	2.52%	0.173%
39	11.480	1594	1597	1601	rVB2	92210	103072	2.77%	0.190%
40	11.551	1606	1609	1615	rVB	773493	628381	16.86%	1.157%
41	11.651	1622	1626	1628	rBV	382982	379034	10.17%	0.698%
42	11.675	1628	1630	1635	rVV	504518	474711	12.73%	0.874%
43	11.722	1635	1638	1641	rVV	160571	135533	3.64%	0.250%
44	11.757	1641	1644	1647	rVV	664862	717249	19.24%	1.321%
45	11.780	1647	1648	1654	rVB	283582	191915	5.15%	0.353%
46	11.945	1673	1676	1678	rBV	241565	193759	5.20%	0.357%
47	11.969	1678	1680	1684	rVB	91188	88860	2.38%	0.164%
48	12.198	1715	1719	1722	rBV	202839	227119	6.09%	0.418%
49	12.239	1722	1726	1728	rBV	2405001	2340337	62.78%	4.311%
50	12.257	1728	1729	1738	rVB2	1839112	1602616	42.99%	2.952%
51	12.363	1741	1747	1750	rBV	3220866	3161072	84.80%	5.822%
52	12.504	1768	1771	1776	rVV	109193	122717	3.29%	0.226%
53	12.592	1779	1786	1791	rBV	2460356	2770447	74.32%	5.103%
54	12.633	1791	1793	1798	rVB2	120885	143965	3.86%	0.265%
55	12.704	1802	1805	1807	rBV	158629	148799	3.99%	0.274%
56	12.733	1807	1810	1817	rVB	1300663	1170124	31.39%	2.155%
57	12.804	1817	1822	1826	rBV2	160415	267042	7.16%	0.492%
58	12.886	1833	1836	1838	rBV3	138704	159175	4.27%	0.293%
59	12.916	1838	1841	1844	rVB	462313	426971	11.45%	0.786%
60	12.980	1848	1852	1855	rBV	503788	410798	11.02%	0.757%
61	13.016	1855	1858	1861	rVV2	264860	235957	6.33%	0.435%
62	13.104	1870	1873	1876	rBV	133649	127698	3.43%	0.235%
63	13.139	1876	1879	1883	rBV	149687	160070	4.29%	0.295%
64	13.316	1901	1909	1910	rBV4	81546	131728	3.53%	0.243%
65	13.392	1919	1922	1925	rBV	80790	108810	2.92%	0.200%
66	13.421	1925	1927	1931	rVB3	76599	90745	2.43%	0.167%
67	13.527	1941	1945	1948	rBV	234157	250140	6.71%	0.461%
68	13.557	1948	1950	1952	rVV	215469	185487	4.98%	0.342%
69	13.580	1952	1954	1955	rVV	179779	151387	4.06%	0.279%
70	13.598	1955	1957	1960	rVV2	134516	150090	4.03%	0.276%
71	13.627	1960	1962	1966	rVB2	92022	91840	2.46%	0.169%
72	13.698	1971	1974	1978	rVV	69284	77957	2.09%	0.144%
73	13.774	1978	1987	1991	rVV2	1580232	2437948	65.40%	4.490%
74	13.810	1991	1993	1999	rVV	1402758	1197715	32.13%	2.206%
75	13.886	2000	2006	2008	rVV2	307777	340690	9.14%	0.627%
76	13.927	2008	2013	2015	rVV	123245	166908	4.48%	0.307%

LSC Area Percent Report

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Operator : CG\JU
Sample : N4907-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232

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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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.974	2019	2021	2025	rVV2	150459	218957	5.87%	0.403%
78	14.010	2025	2027	2030	rVV	169703	172783	4.64%	0.318%
79	14.127	2044	2047	2049	rVV2	108259	136169	3.65%	0.251%
80	14.169	2049	2054	2057	rVV	298871	390984	10.49%	0.720%
81	14.198	2057	2059	2063	rVV	164122	179041	4.80%	0.330%
82	14.257	2066	2069	2072	rVV2	204683	253809	6.81%	0.467%
83	14.286	2072	2074	2076	rVV2	177824	186625	5.01%	0.344%
84	14.310	2076	2078	2081	rVV3	217558	218260	5.86%	0.402%
85	14.363	2085	2087	2093	rVB2	88029	107691	2.89%	0.198%
86	14.639	2131	2134	2140	rVB	91103	107094	2.87%	0.197%
87	14.786	2154	2159	2162	rBV	1143733	1765549	47.36%	3.252%
88	14.880	2173	2175	2179	rVB	247783	227431	6.10%	0.419%
89	15.016	2196	2198	2201	rVV3	74551	93769	2.52%	0.173%
90	15.063	2201	2206	2211	rVV	693405	839043	22.51%	1.545%
91	15.121	2211	2216	2220	rVV	1086801	1278854	34.31%	2.355%
92	15.174	2220	2225	2227	rVV	482429	570812	15.31%	1.051%
93	15.198	2227	2229	2236	rVB	349053	447390	12.00%	0.824%
94	15.333	2247	2252	2254	rBV4	43008	87224	2.34%	0.161%
95	15.674	2307	2310	2320	rVB2	90382	135123	3.62%	0.249%
96	16.492	2443	2449	2457	rVB2	417898	711947	19.10%	1.311%
97	16.651	2470	2476	2480	rBV2	82287	169044	4.53%	0.311%
98	16.698	2480	2484	2490	rVB2	64565	119746	3.21%	0.221%
99	16.886	2510	2516	2532	rBV	290818	593265	15.91%	1.093%
100	17.098	2547	2552	2565	rVB3	96057	241750	6.49%	0.445%

Sum of corrected areas: 54293743

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Data File : BF130506.D
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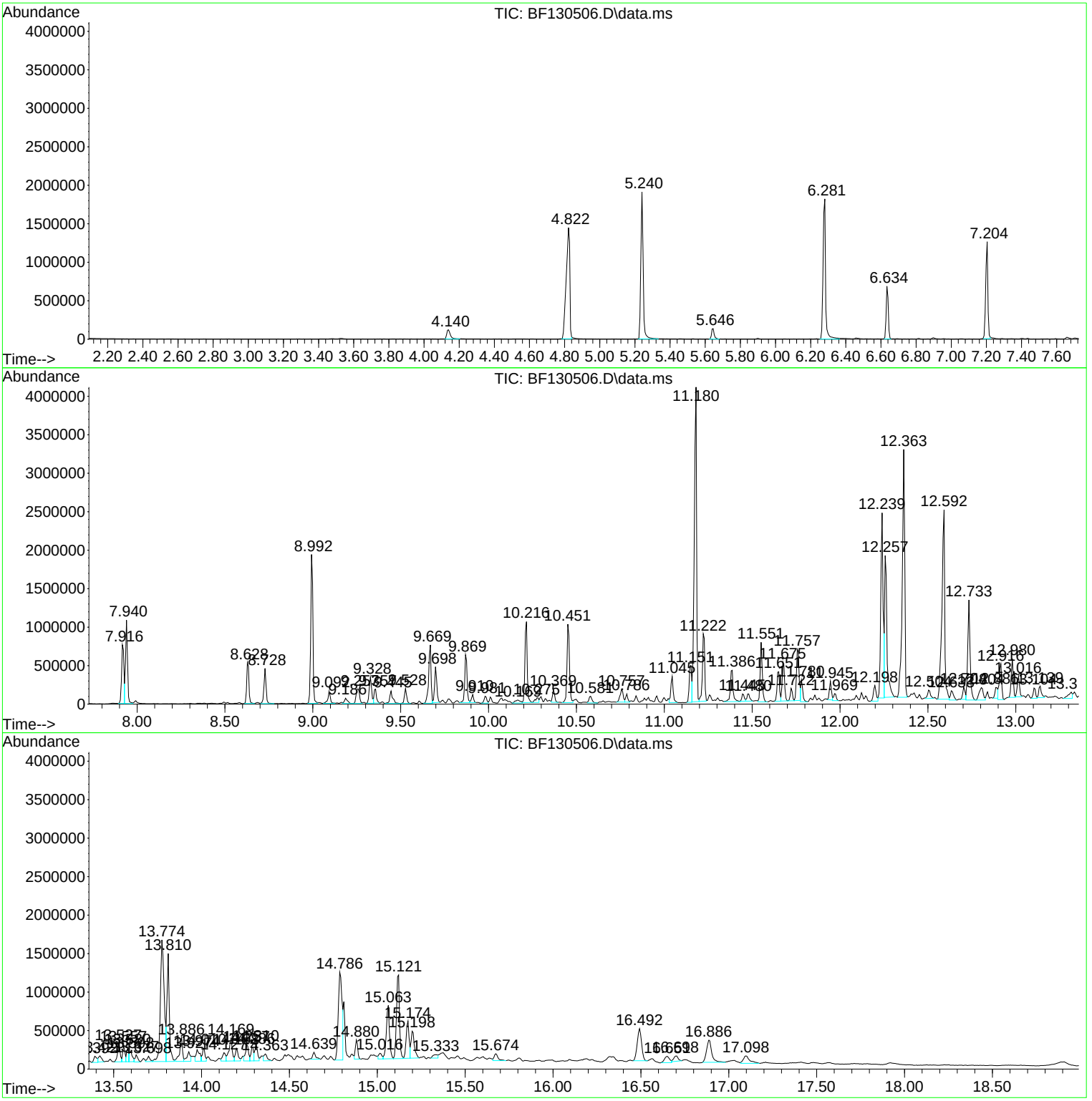
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130506.D
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

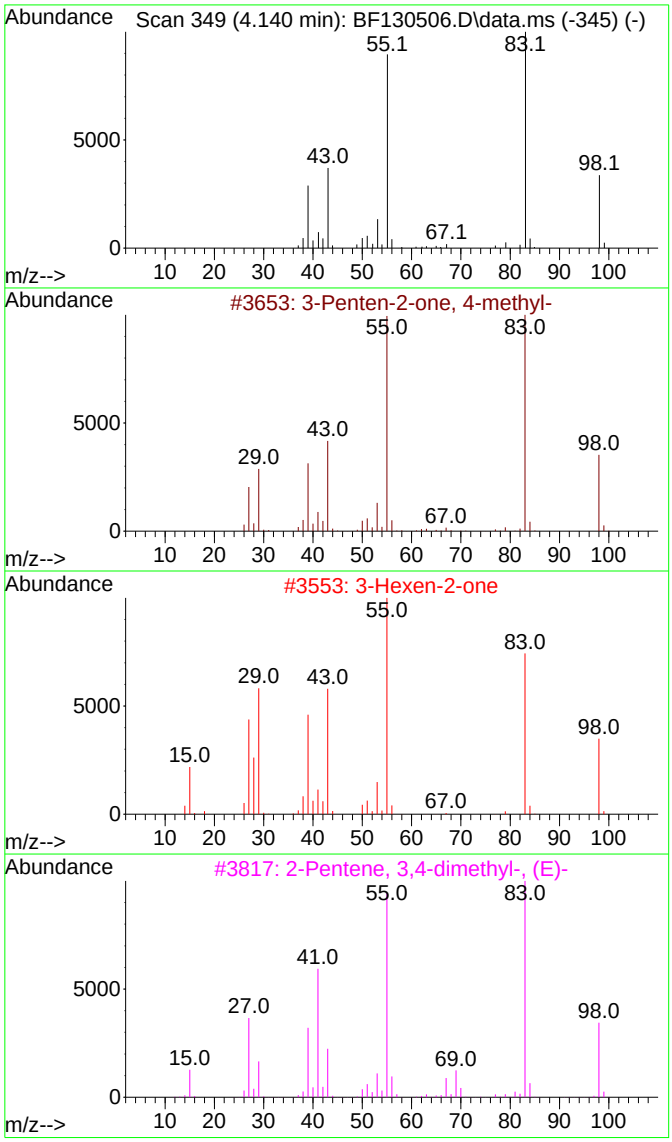
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

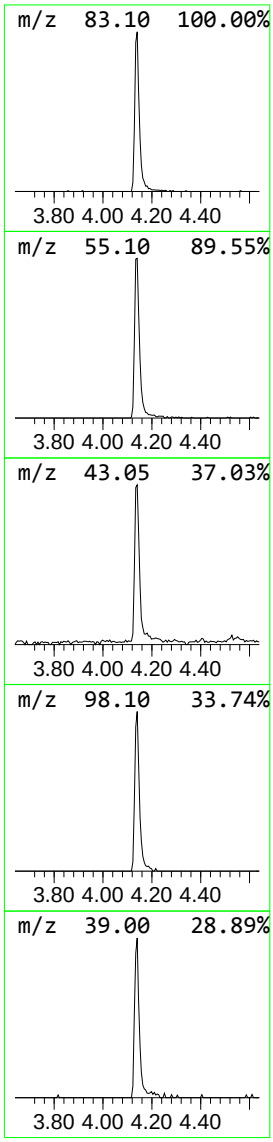
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.140	5.79 ng	164362	1,4-Dichlorobenzene-d4	6.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130506.D
Acq On : 03 Oct 2022 19:01
Operator : CG\JU
Sample : N4907-05
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-232

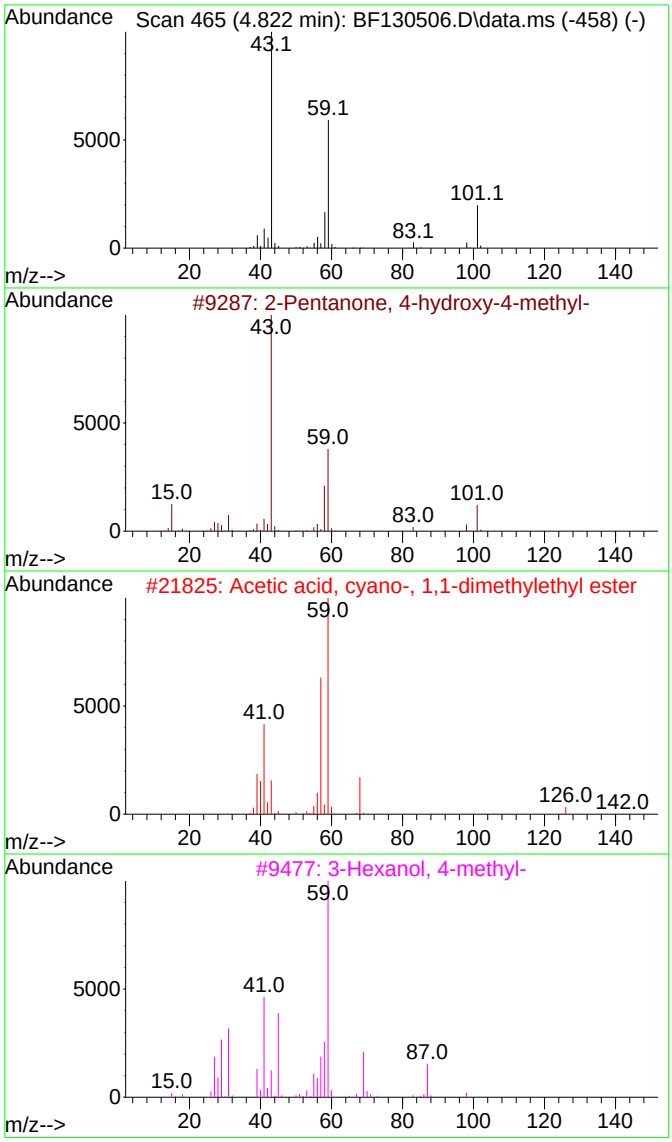
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

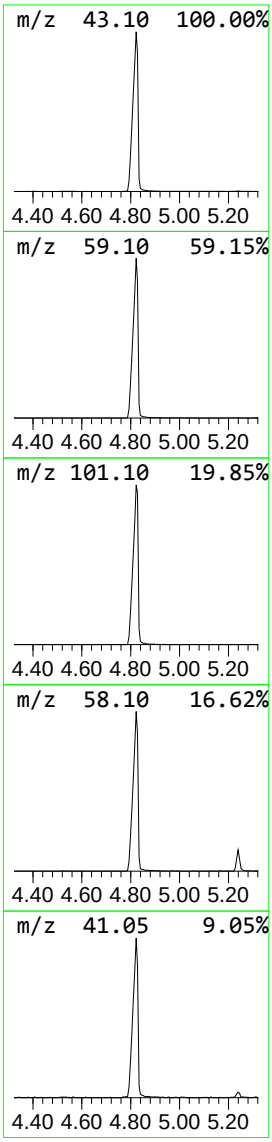
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.822	72.66 ng	2061340	1,4-Dichlorobenzene-d4	6.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
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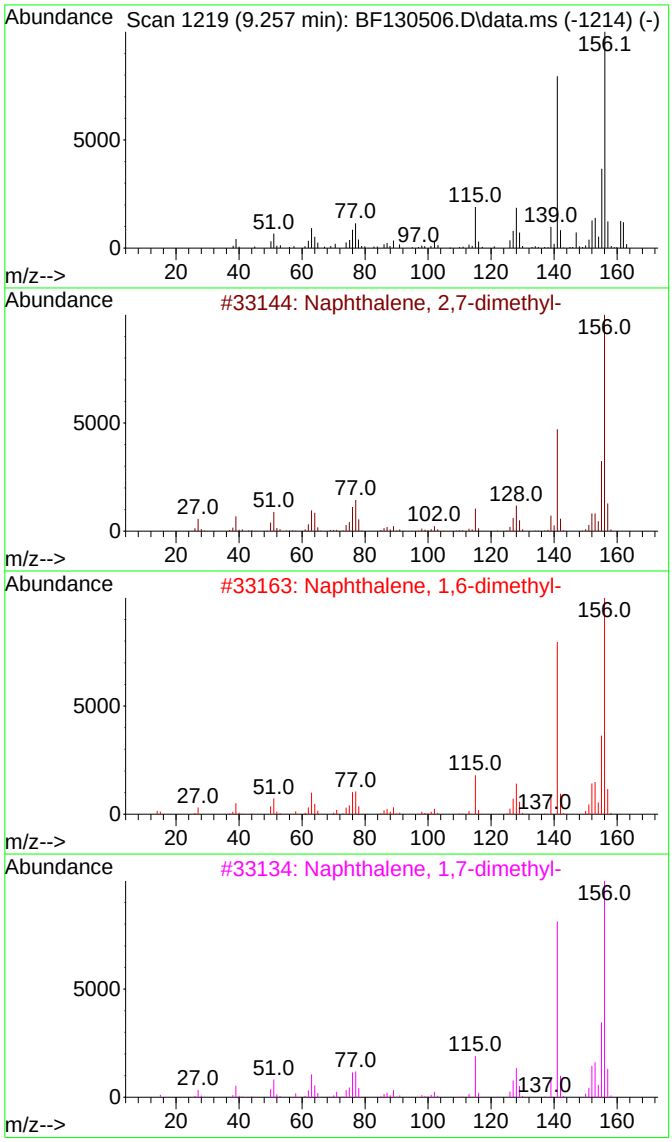
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

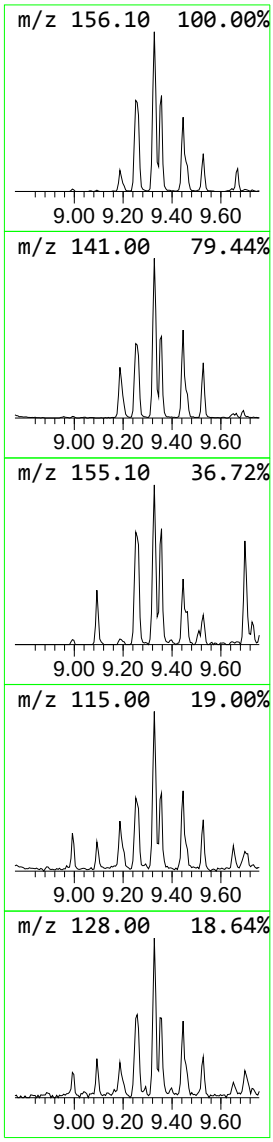
****

Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.257	7.20 ng	257337	Acenaphthene-d10	9.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
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Acq On : 03 Oct 2022 19:01
Operator : CG\JU
Sample : N4907-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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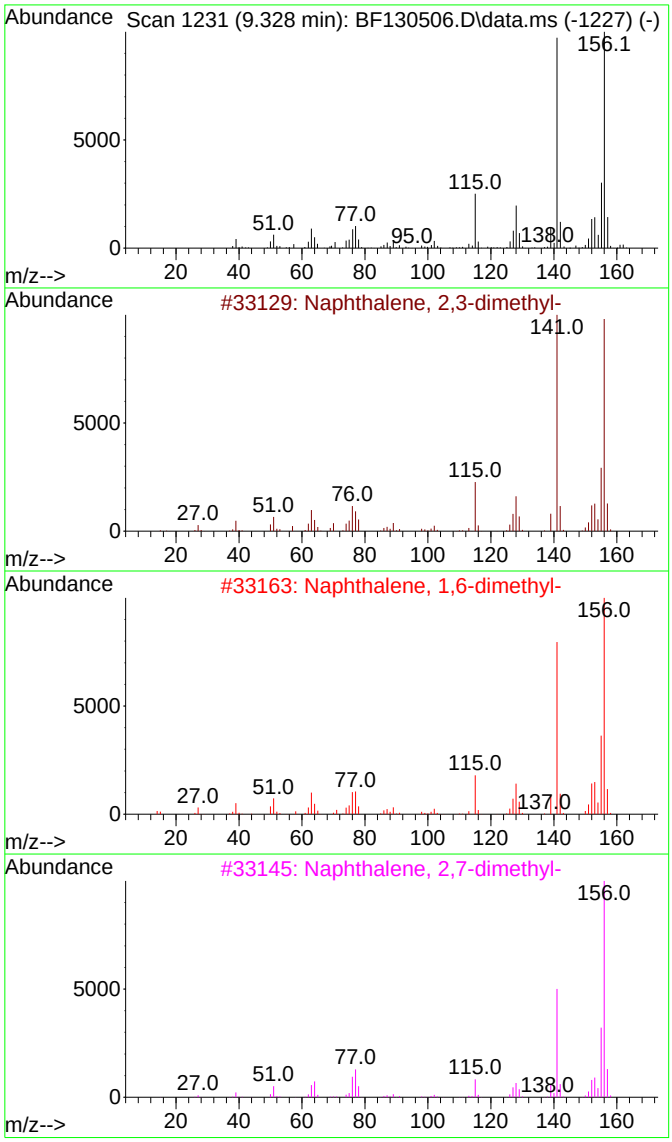
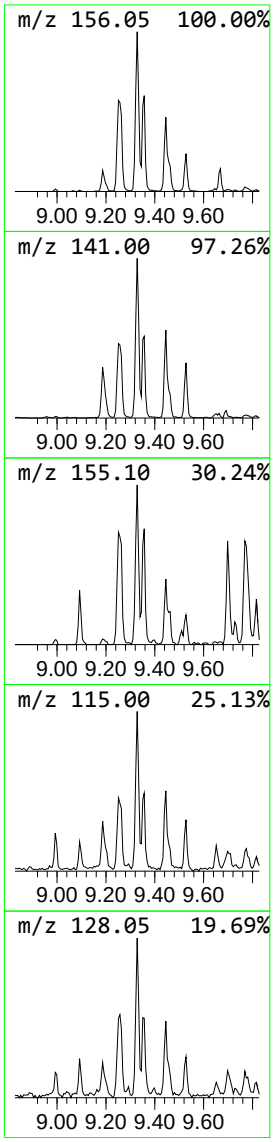
Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.328	9.36 ng	334528	Acenaphthene-d10	9.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130506.D
Acq On : 03 Oct 2022 19:01
Operator : CG\JU
Sample : N4907-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

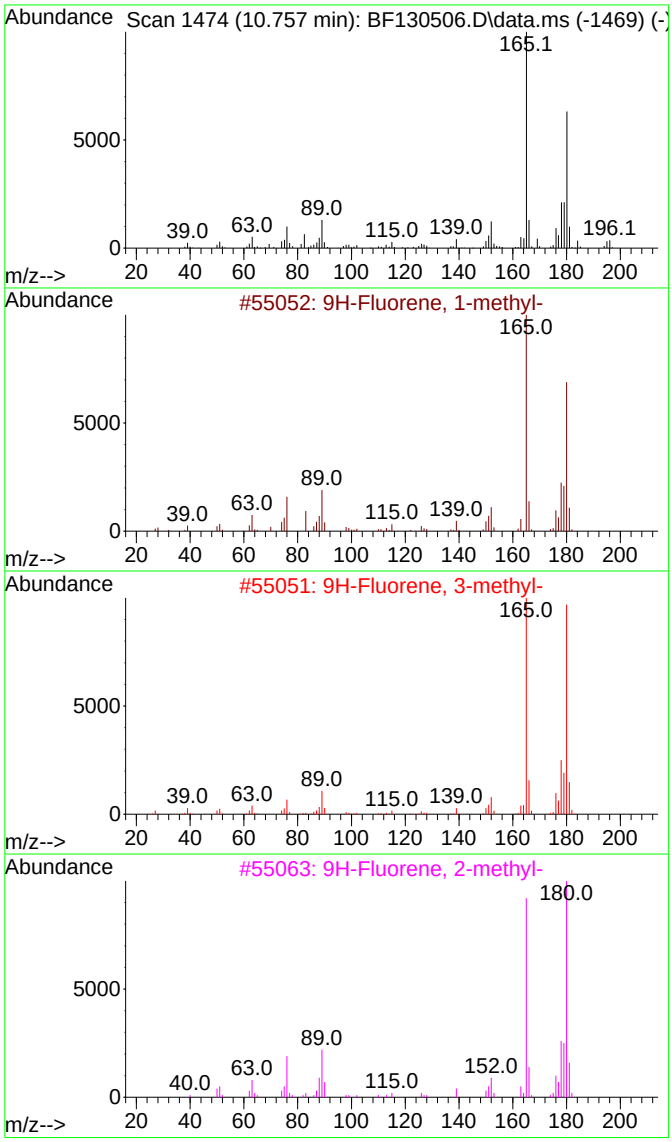
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

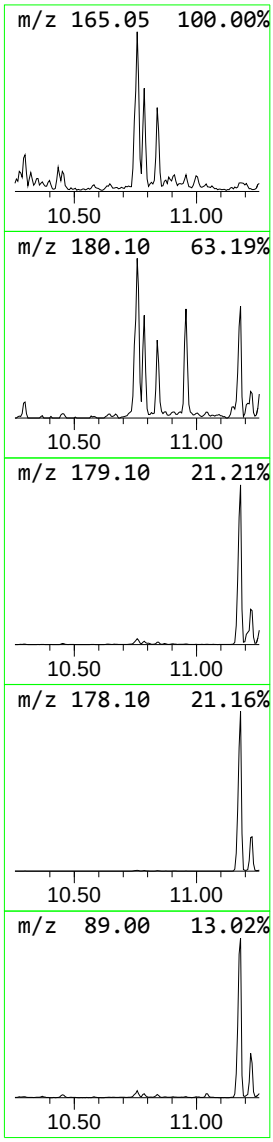
****

Peak Number 5 9H-Fluorene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.757	8.29 ng	201964	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	55





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Acq On : 03 Oct 2022 19:01
Operator : CG\JU
Sample : N4907-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

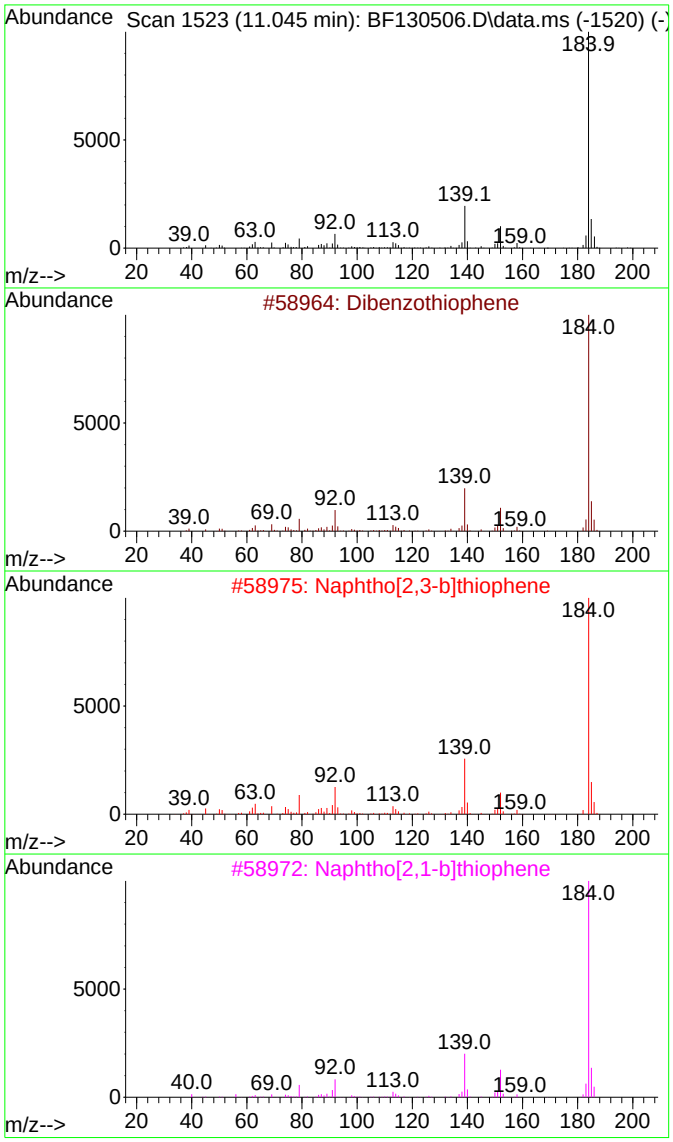
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

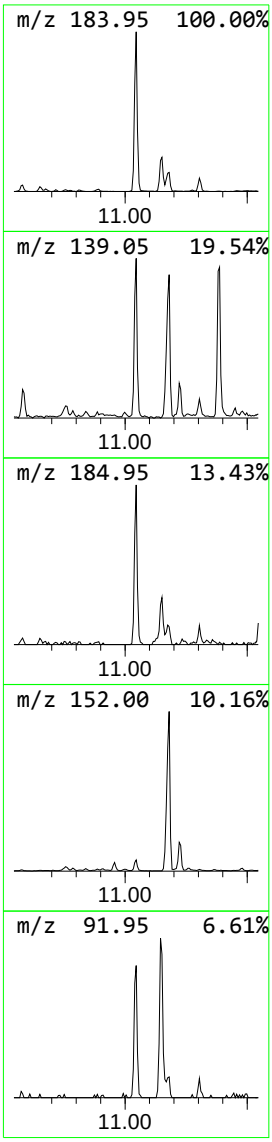
****

Peak Number 6 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.045	12.56 ng	306160	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	2,5-Cyclohexadiene-1,4-dione, 2,...	184	C8H8O5	000085-23-4	58





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232

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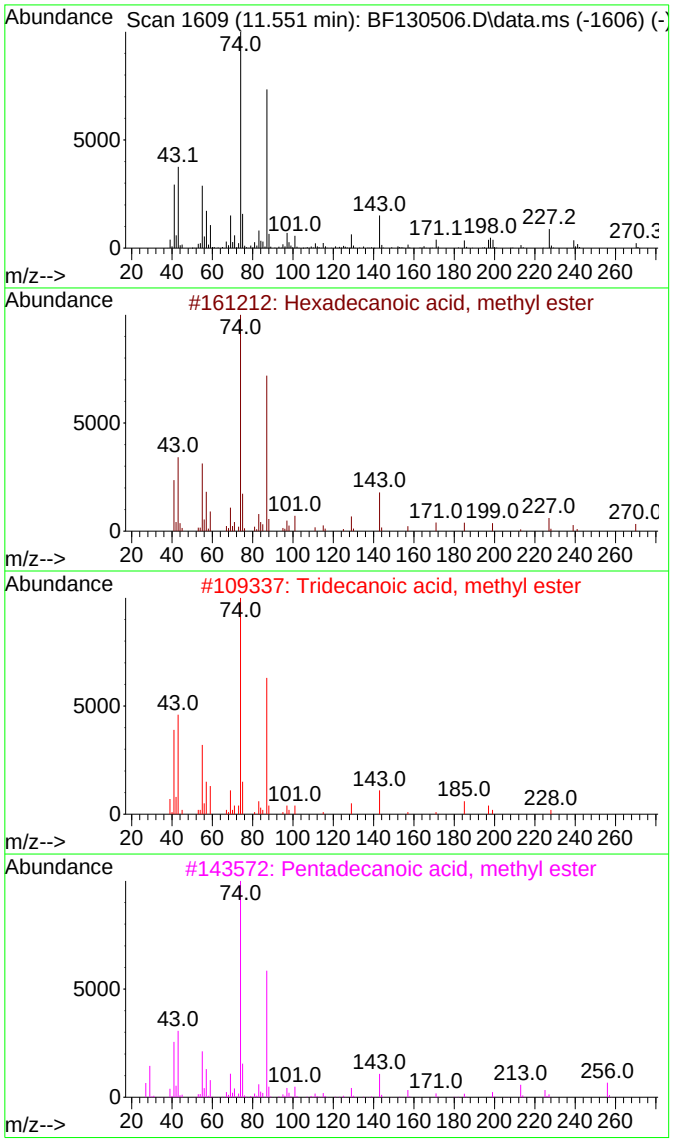
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

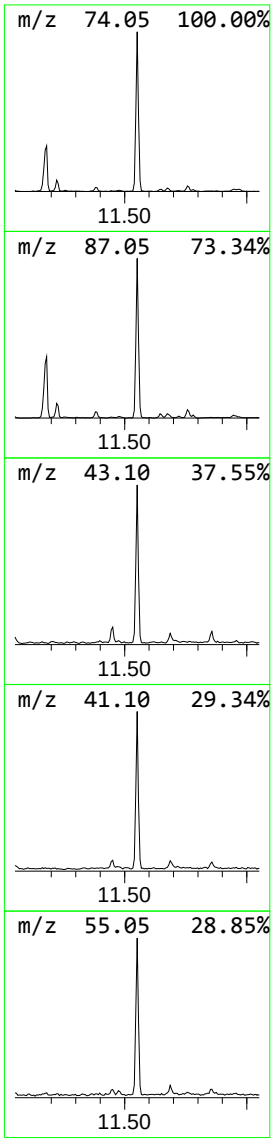
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.551	25.79 ng	628381	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	99
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80





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Operator : CG\JU
Sample : N4907-05
Misc :
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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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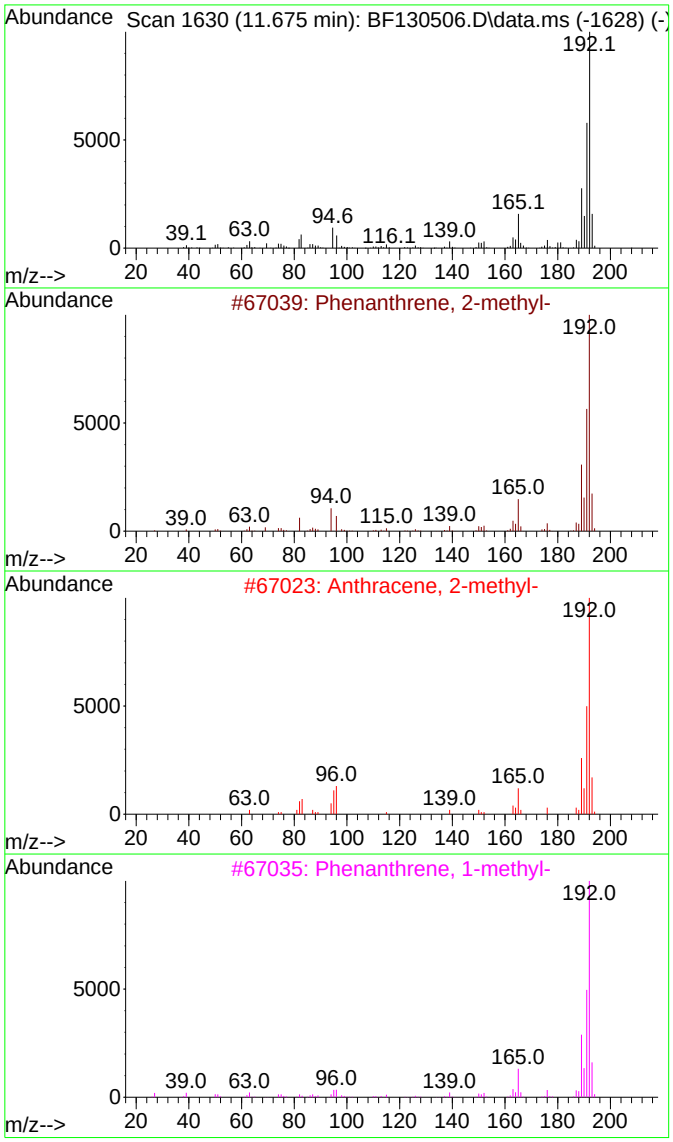
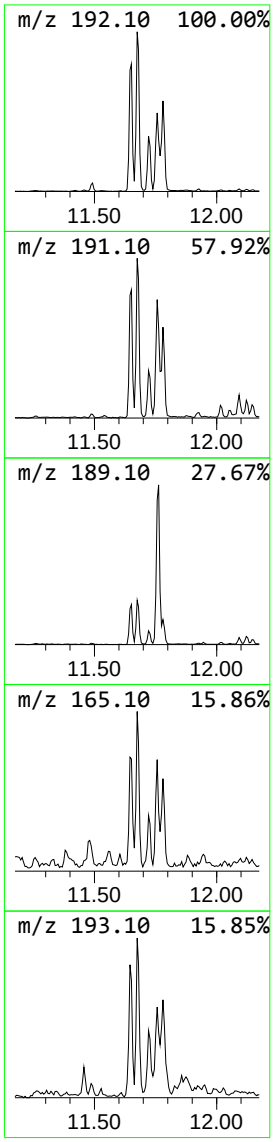
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.675	19.48 ng	474711	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





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Acq On : 03 Oct 2022 19:01
Operator : CG\JU
Sample : N4907-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232

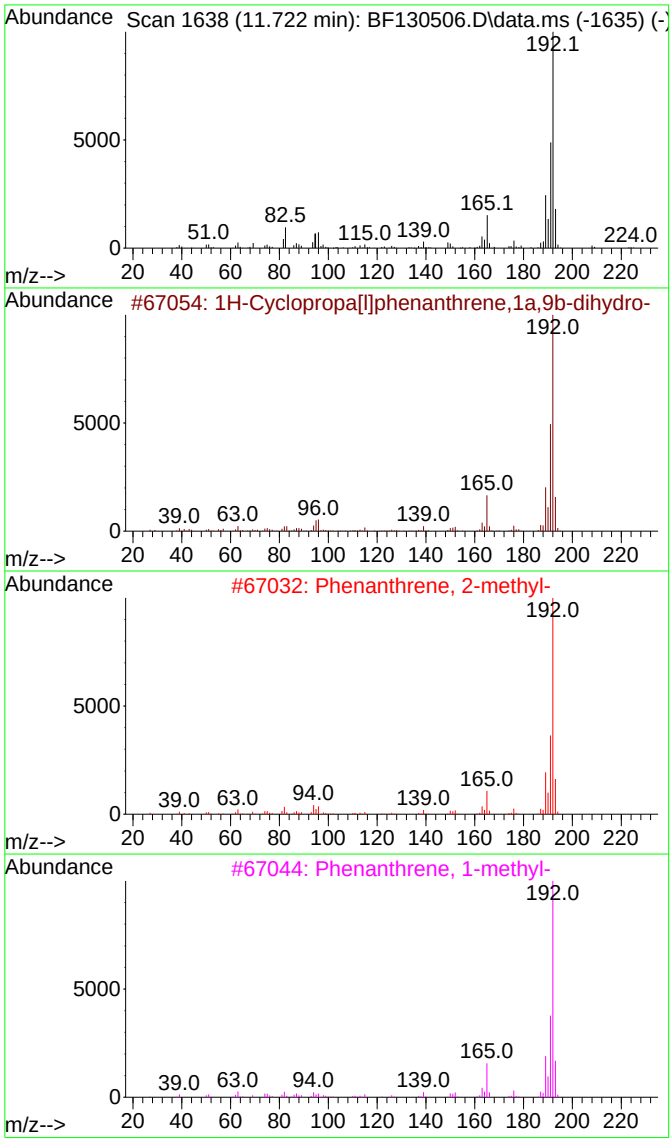
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

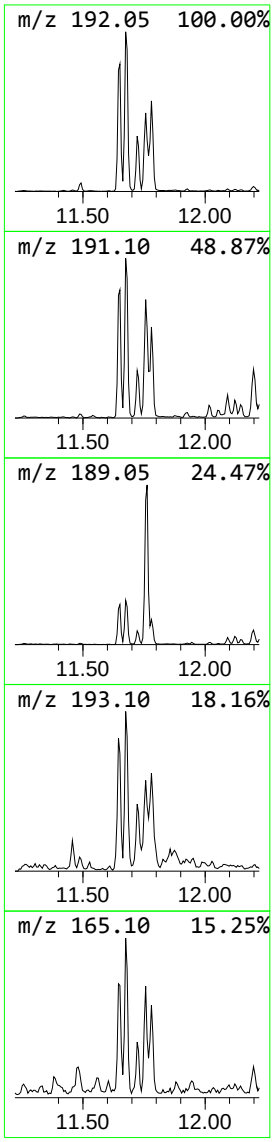
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.722	5.56 ng	135533	Phenanthrene-d10	11.151

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





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Acq On : 03 Oct 2022 19:01
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Sample : N4907-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232

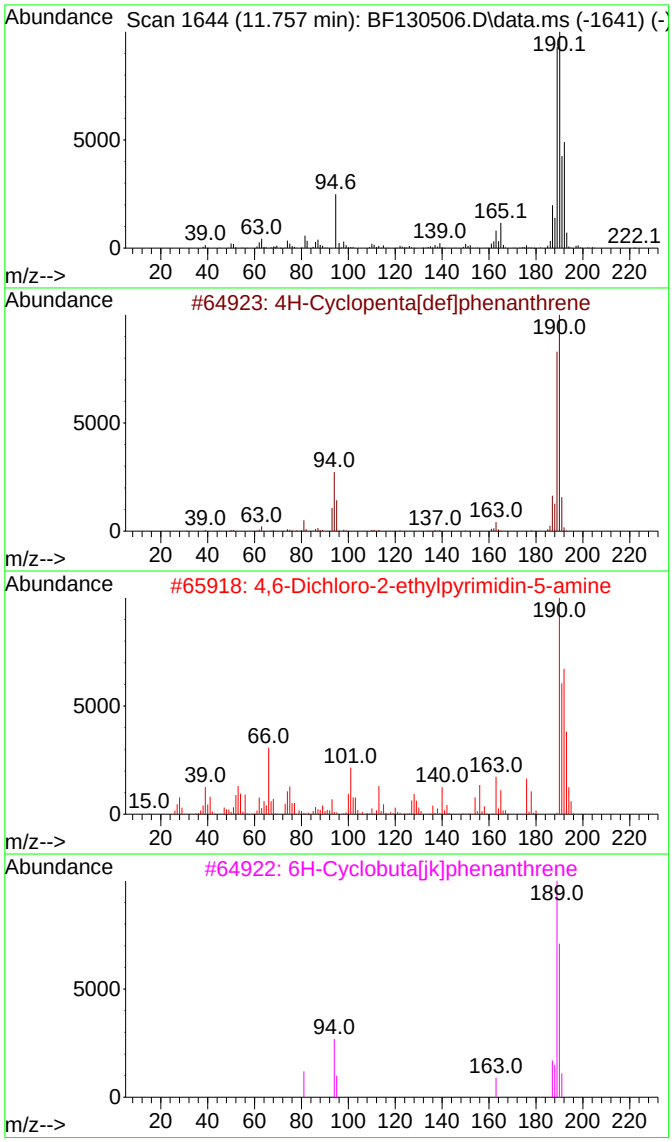
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

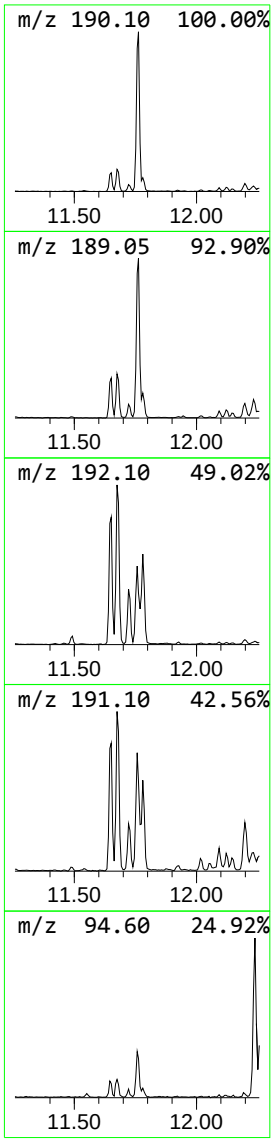
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.757	29.43 ng	717249	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	43
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	33





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Acq On : 03 Oct 2022 19:01
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ALS Vial : 15 Sample Multiplier: 1

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

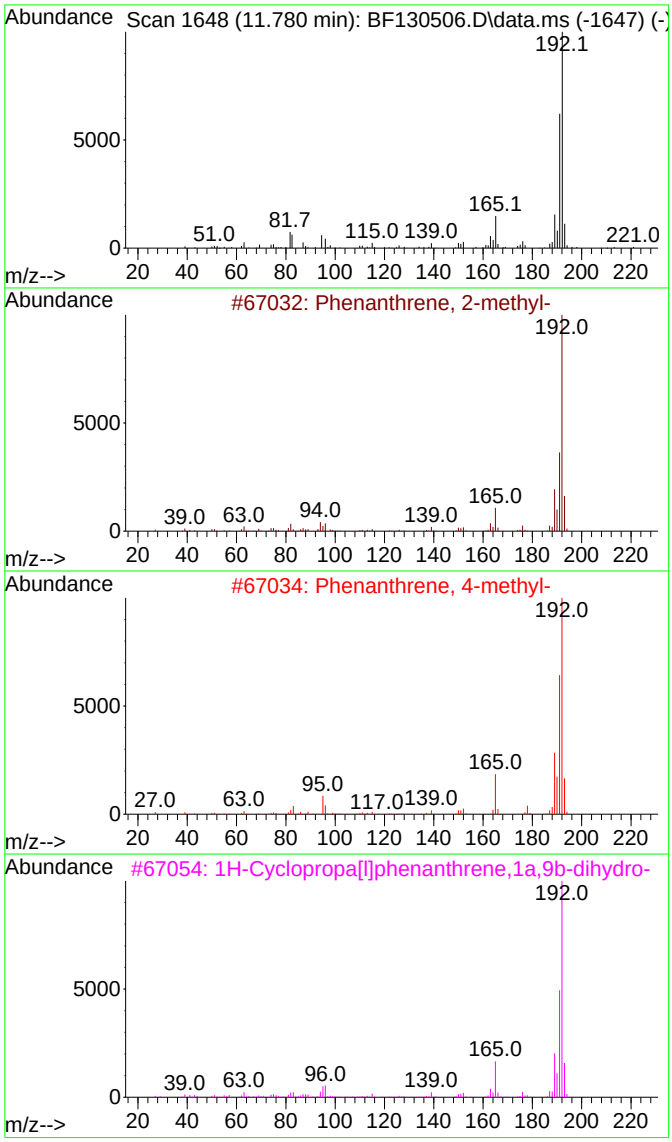
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

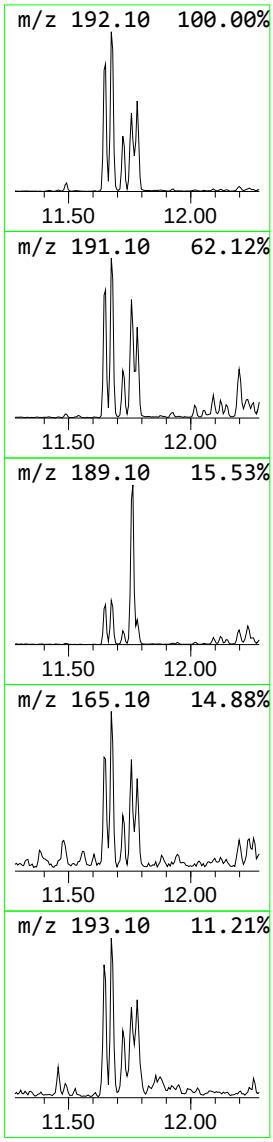
****

Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.780	7.88 ng	191915	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87





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Acq On : 03 Oct 2022 19:01
Operator : CG\JU
Sample : N4907-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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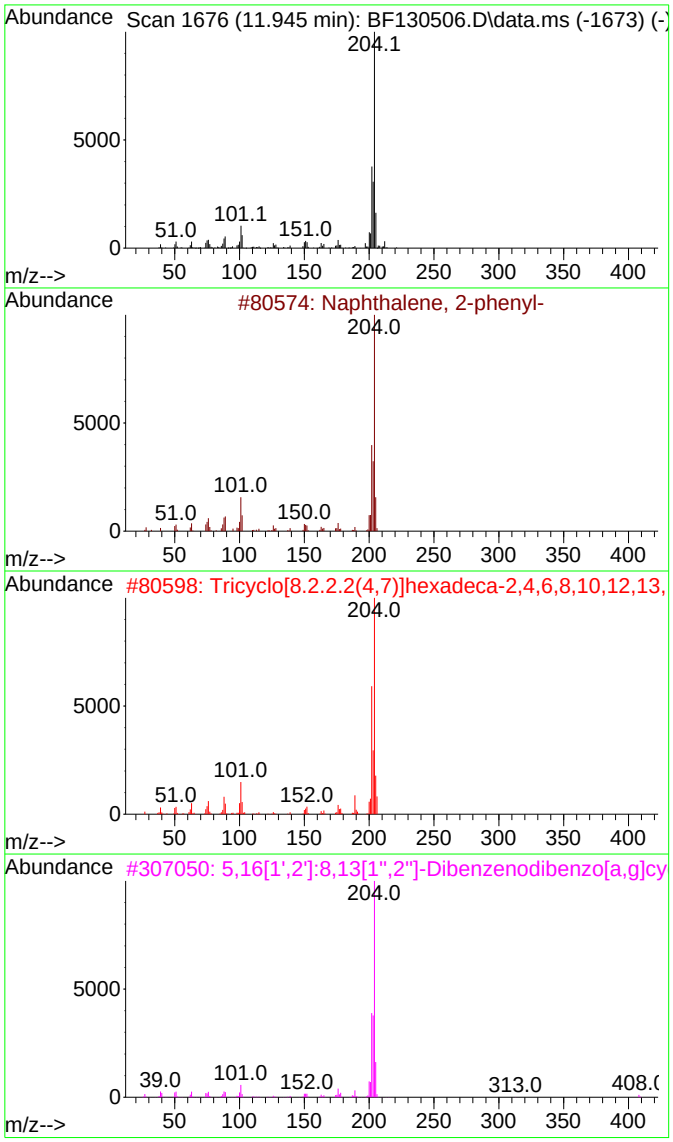
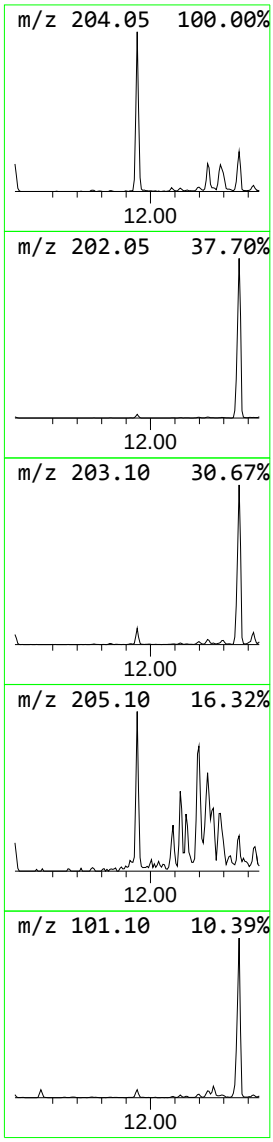
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	7.95 ng	193759	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	87
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62





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Misc :
ALS Vial : 15 Sample Multiplier: 1

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

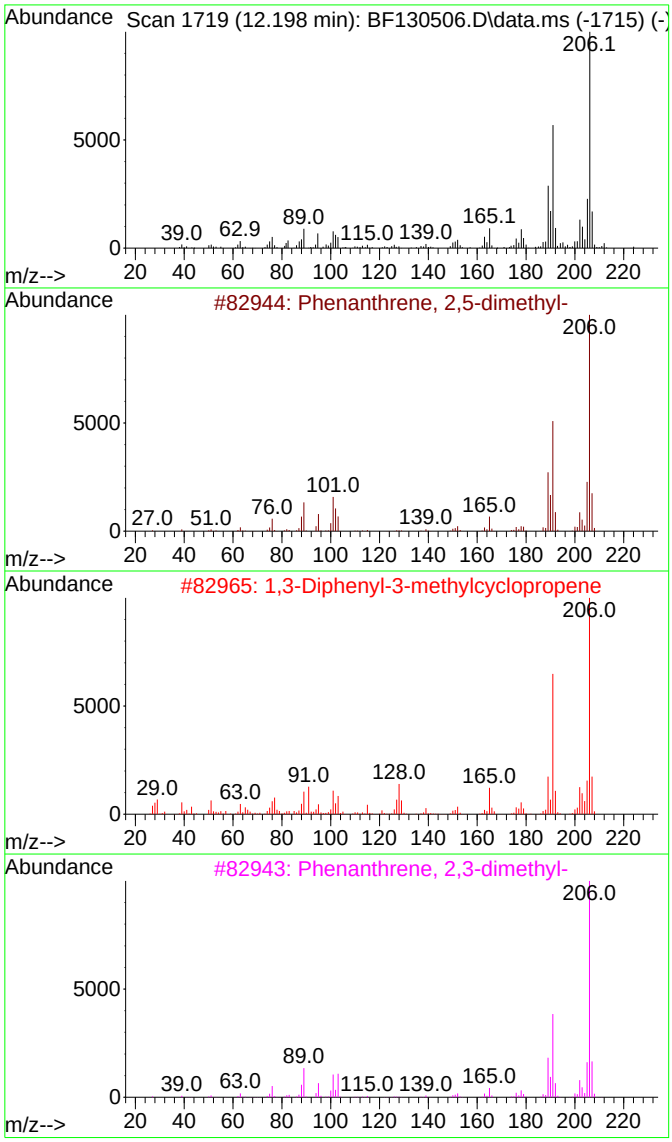
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

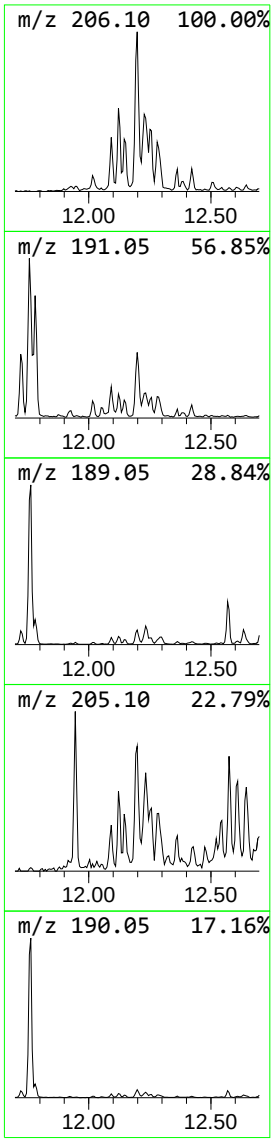
****

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.198	9.32 ng	227119	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	94
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	93





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ALS Vial : 15 Sample Multiplier: 1

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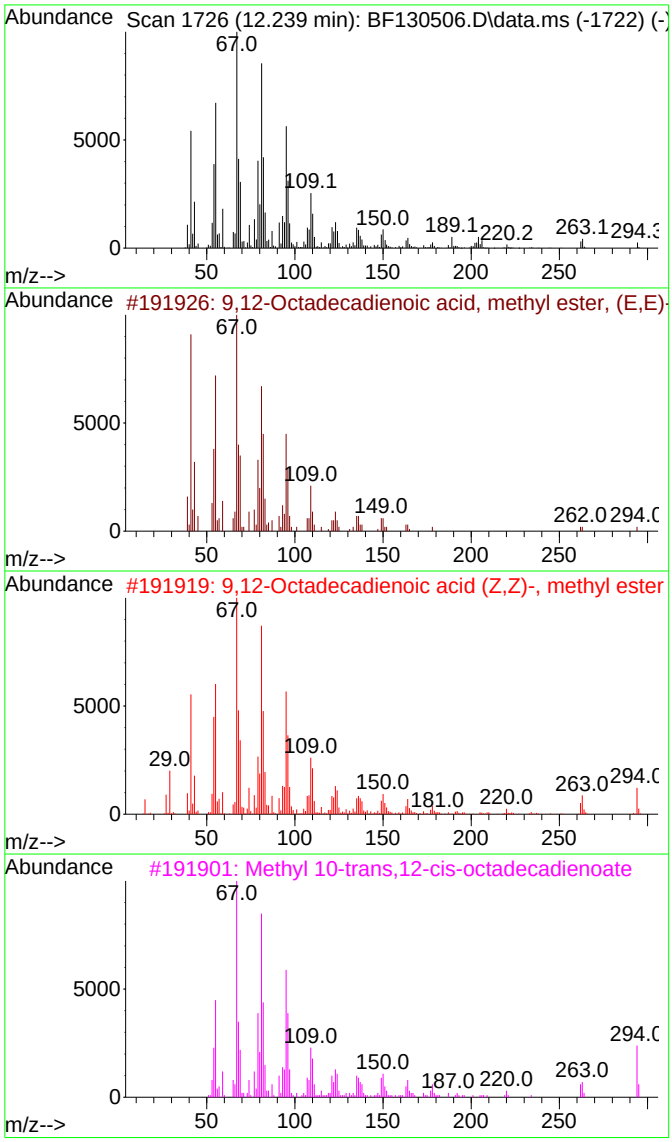
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

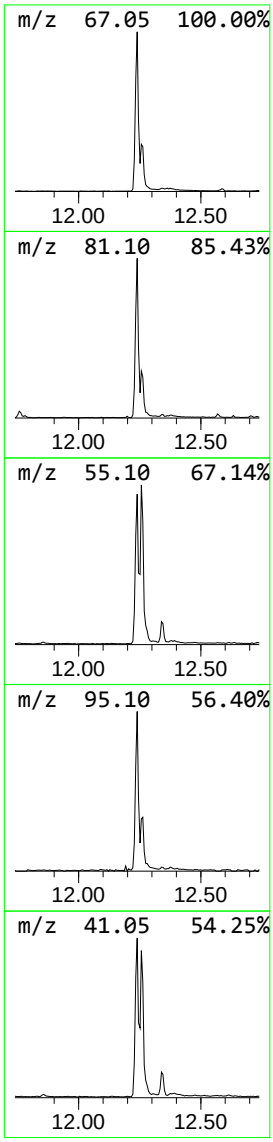
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.239	96.04 ng	2340340	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	98





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

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

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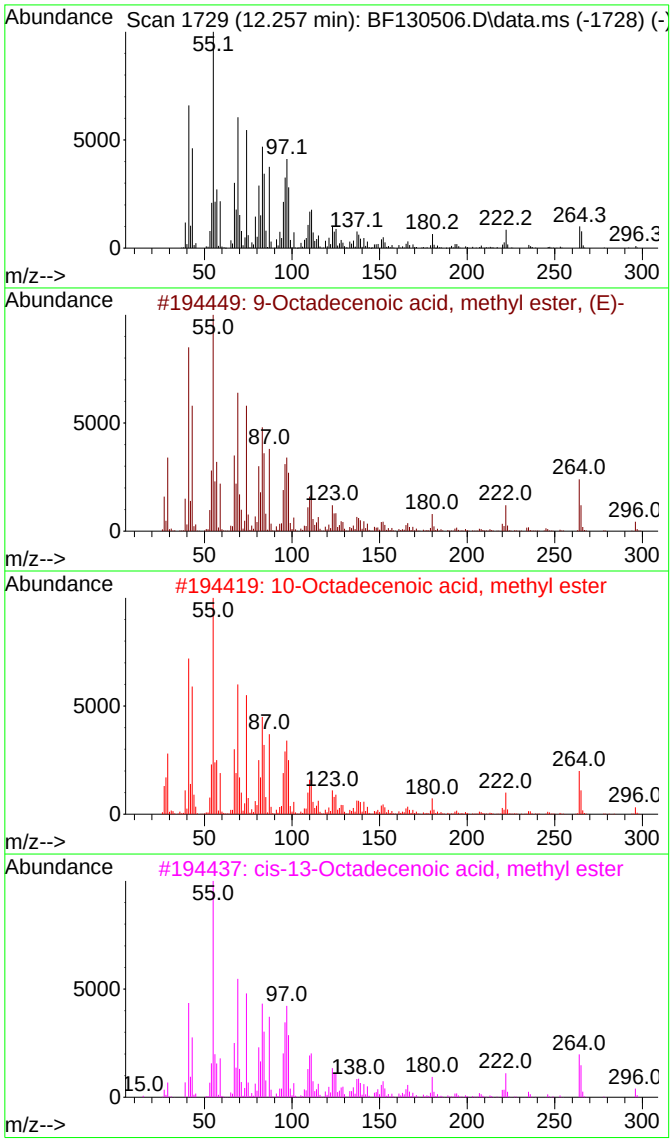
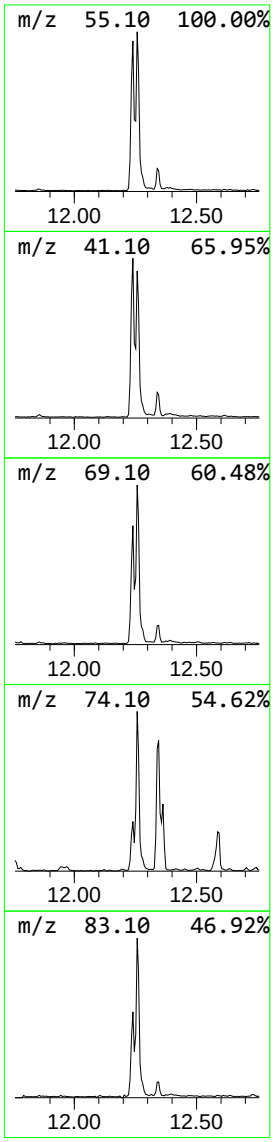
Peak Number 16 9-Octadecenoic acid, methyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.257	65.76 ng	1602620	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
3	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1010333-58-3	99
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	98





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ALS Vial : 15 Sample Multiplier: 1

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

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

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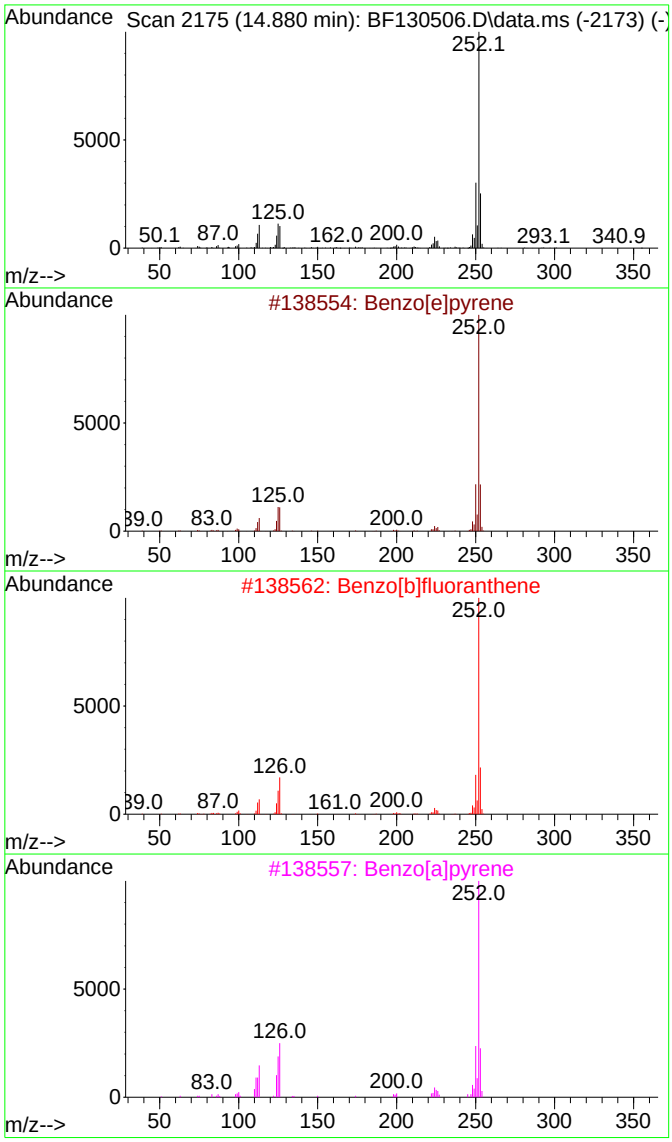
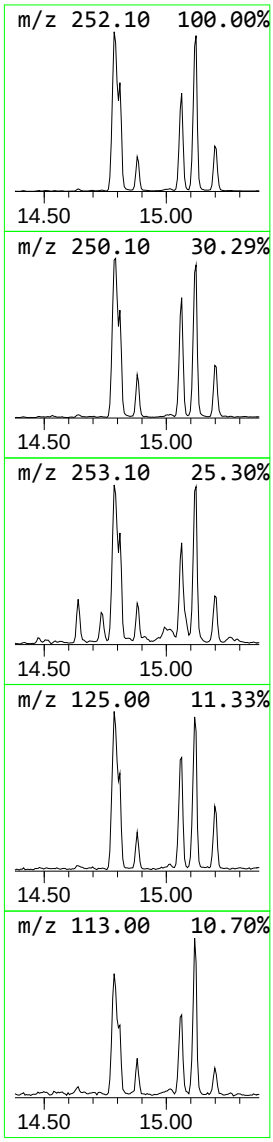
Peak Number 17 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.880	7.97 ng	227431	Perylene-d12	15.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130506.D
Acq On : 03 Oct 2022 19:01
Operator : CG\JU
Sample : N4907-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232

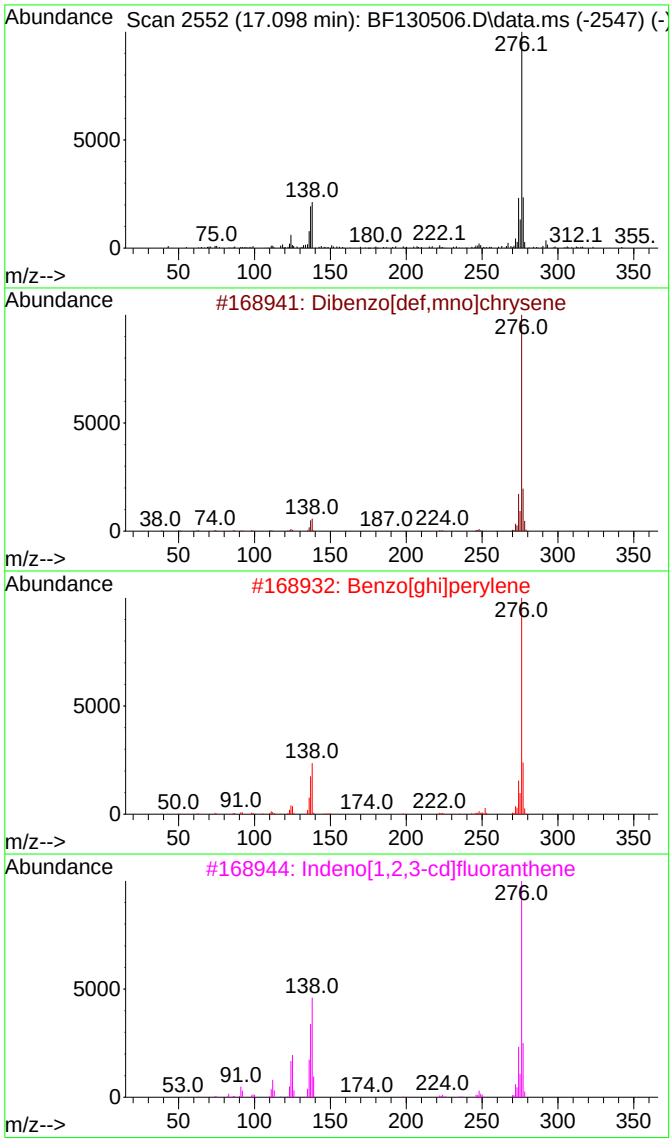
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

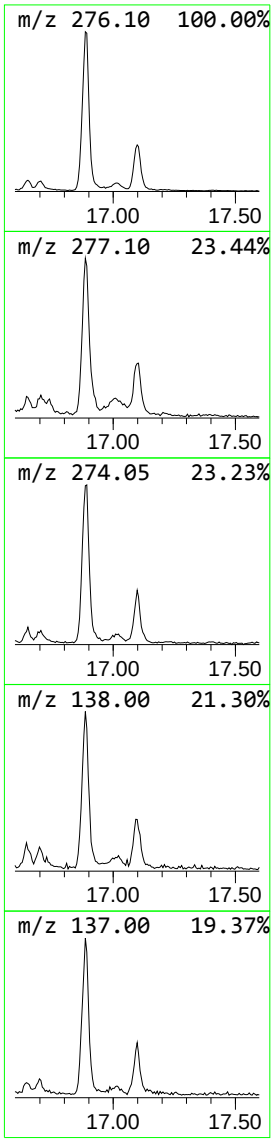
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.098	8.47 ng	241750	Perylene-d12	15.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	96
3	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	74
4	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	74
5	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130506.D
Acq On : 03 Oct 2022 19:01
Operator : CG\JU
Sample : N4907-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one,...	4.140	5.8	ng	164362	1	6.634	567384	20.0
2-Pentanone, 4-...	4.822	72.7	ng	2061340	1	6.634	567384	20.0
Naphthalene, 2,...	9.257	7.2	ng	257337	3	9.669	714689	20.0
Naphthalene, 2,...	9.328	9.4	ng	334528	3	9.669	714689	20.0
9H-Fluorene, 1-...	10.757	8.3	ng	201964	4	11.151	487377	20.0
Dibenzothiophene	11.045	12.6	ng	306160	4	11.151	487377	20.0
Hexadecanoic ac...	11.551	25.8	ng	628381	4	11.151	487377	20.0
Anthracene, 2-m...	11.675	19.5	ng	474711	4	11.151	487377	20.0
1H-Cyclopropa[l...	11.722	5.6	ng	135533	4	11.151	487377	20.0
4H-Cyclopenta[d...	11.757	29.4	ng	717249	4	11.151	487377	20.0
Phenanthrene, 2...	11.780	7.9	ng	191915	4	11.151	487377	20.0
Naphthalene, 2-...	11.945	8.0	ng	193759	4	11.151	487377	20.0
Phenanthrene, 2...	12.198	9.3	ng	227119	4	11.151	487377	20.0
9,12-Octadecadi...	12.239	96.0	ng	2340340	4	11.151	487377	20.0
9-Octadecenoic ...	12.257	65.8	ng	1602620	4	11.151	487377	20.0
Benzo[e]pyrene	14.880	8.0	ng	227431	6	15.174	570812	20.0
Dibenzo[def,mno...	17.098	8.5	ng	241750	6	15.174	570812	20.0