LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
Data File : BF122147.D
Acq On : 28 Oct 2020 14:52
Operator : JU/CG
Sample : L4537-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122147.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.340	550	553	586	rBV	1846405	2145990	96.61%	9.131%
2	6.369	724	728	755	rBV	2052608	2221190	100.00%	9.451%
3	6.569	760	762	783	rVV	47067	123599	5.56%	0.526%
4	6.710	783	786	797	rVB	570681	564646	25.42%	2.403%
5	7.287	880	884	898	rBV	1305818	1392905	62.71%	5.927%
6	7.998	1001	1005	1023	rVB	785989	756808	34.07%	3.220%
7	9.069	1183	1187	1197	rBV	2275434	1947960	87.70%	8.289%
8	9.186	1203	1207	1217	rVB	259055	254094	11.44%	1.081%
9	9.269	1217	1221	1229	rVB2	13680	25189	1.13%	0.107%
10	9.339	1229	1233	1239	rBV2	19411	26887	1.21%	0.114%
11	9.410	1239	1245	1248	rBV2	43794	65906	2.97%	0.280%
12	9.469	1252	1255	1262	rVV	398711	337130	15.18%	1.435%
13	9.528	1262	1265	1271	rVB	21939	28422	1.28%	0.121%
14	9.745	1298	1302	1306	rBV	996504	853858	38.44%	3.633%
15	9.781	1306	1308	1312	rVV	60085	55017	2.48%	0.234%
16	9.863	1316	1322	1325	rBV2	19474	25901	1.17%	0.110%
17	9.904	1325	1329	1333	rBV3	22518	23985	1.08%	0.102%
18	9.951	1333	1337	1341	rBV3	22733	26363	1.19%	0.112%
19	9.992	1341	1344	1353	rVB	29012	29943	1.35%	0.127%
20	10.063	1353	1356	1360	rBV	22981	24822	1.12%	0.106%
21	10.151	1367	1371	1373	rBV2	18335	26263	1.18%	0.112%
22	10.298	1393	1396	1400	rBV2	45090	44106	1.99%	0.188%
23	10.363	1400	1407	1408	rBV	37606	44603	2.01%	0.190%
24	10.539	1434	1437	1448	rBV	1548279	1556475	70.07%	6.623%
25	10.845	1484	1489	1492	rBV4	40367	56387	2.54%	0.240%
26	10.875	1492	1494	1497	rVV2	37429	31844	1.43%	0.135%
27	11.057	1520	1525	1528	rBV2	31291	36611	1.65%	0.156%
28	11.133	1533	1538	1544	rVB2	39121	51852	2.33%	0.221%
29	11.233	1551	1555	1557	rBV	1073007	868877	39.12%	3.697%
30	11.257	1557	1559	1566	rVV	521976	457544	20.60%	1.947%
31	11.316	1566	1569	1572	rVV	112393	103481	4.66%	0.440%
32	11.480	1592	1597	1601	rBV5	22524	42575	1.92%	0.181%
33	11.528	1601	1605	1608	rVB2	39851	40179	1.81%	0.171%
34	11.569	1608	1612	1617	rBV3	40300	57791	2.60%	0.246%
35	11.651	1622	1626	1629	rBV2	28563	38971	1.75%	0.166%
36	11.733	1638	1640	1643	rBV	175192	161894	7.29%	0.689%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
Data File : BF122147.D
Acq On : 28 Oct 2020 14:52
Operator : JU/CG
Sample : L4537-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.763	1643	1645	1650	rVV	236034	237178	10.68%	1.009%
38	11.816	1651	1654	1656	rVV	86331	84027	3.78%	0.358%
39	11.845	1656	1659	1662	rVV	254557	301943	13.59%	1.285%
40	11.869	1662	1663	1669	rVB	140244	122897	5.53%	0.523%
41	11.969	1678	1680	1684	rBV3	30262	28334	1.28%	0.121%
42	12.033	1687	1691	1695	rBV	84505	86282	3.88%	0.367%
43	12.080	1695	1699	1701	rBV2	123059	122620	5.52%	0.522%
44	12.175	1711	1715	1718	rBV3	57625	98473	4.43%	0.419%
45	12.216	1719	1722	1724	rVV	41127	43909	1.98%	0.187%
46	12.239	1724	1726	1729	rVB2	25743	23130	1.04%	0.098%
47	12.286	1731	1734	1737	rBV	135356	147939	6.66%	0.629%
48	12.322	1737	1740	1743	rVV3	80122	120300	5.42%	0.512%
49	12.386	1746	1751	1758	rVB2	75726	117927	5.31%	0.502%
50	12.451	1758	1762	1765	rBV	445329	421469	18.97%	1.793%
51	12.480	1765	1767	1771	rVV2	59774	76609	3.45%	0.326%
52	12.516	1771	1773	1777	rVB3	36436	36731	1.65%	0.156%
53	12.598	1784	1787	1790	rBV	102184	100460	4.52%	0.427%
54	12.680	1795	1801	1807	rBV	608875	693918	31.24%	2.953%
55	12.739	1807	1811	1813	rVV3	48220	52807	2.38%	0.225%
56	12.816	1820	1824	1831	rVB	1850269	1572944	70.82%	6.693%
57	12.898	1834	1838	1841	rBV	81302	127499	5.74%	0.543%
58	12.951	1845	1847	1850	rVB	66051	50514	2.27%	0.215%
59	12.986	1850	1853	1855	rBV3	59584	82984	3.74%	0.353%
60	13.010	1855	1857	1860	rVB	92680	71947	3.24%	0.306%
61	13.074	1866	1868	1871	rVB	62073	44176	1.99%	0.188%
62	13.116	1872	1875	1878	rVB	83709	76025	3.42%	0.323%
63	13.204	1888	1890	1893	rBV	84748	81738	3.68%	0.348%
64	13.239	1893	1896	1899	rBV2	145125	148097	6.67%	0.630%
65	13.686	1969	1972	1974	rBV2	74262	86027	3.87%	0.366%
66	13.721	1974	1978	1990	rVB3	260905	539143	24.27%	2.294%
67	13.880	2000	2005	2007	rBV2	699023	836068	37.64%	3.558%
68	13.904	2007	2009	2017	rVB	196692	217227	9.78%	0.924%
69	14.269	2069	2071	2075	rVB	80830	72841	3.28%	0.310%
70	14.369	2084	2088	2091	rBV2	108525	145396	6.55%	0.619%
71	14.910	2177	2180	2182	rBV	88019	112904	5.08%	0.480%
72	14.945	2183	2186	2190	rVB2	144865	169678	7.64%	0.722%
73	15.198	2226	2229	2232	rVB	83884	87558	3.94%	0.373%
74	15.257	2236	2239	2243	rBV	107990	118505	5.34%	0.504%
75	15.316	2244	2249	2254	rVV	400308	505145	22.74%	2.149%
76	15.539	2283	2287	2298	rVB2	104463	185457	8.35%	0.789%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
Data File : BF122147.D
Acq On : 28 Oct 2020 14:52
Operator : JU/CG
Sample : L4537-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.698	2311	2314	2320	rVB	60676	89824	4.04%	0.382%
78	15.780	2326	2328	2332	rBV4	33639	43736	1.97%	0.186%
79	16.639	2472	2474	2478	rBV4	20643	31831	1.43%	0.135%
80	17.168	2559	2564	2567	rBV2	20433	36778	1.66%	0.156%
81	17.251	2573	2578	2586	rVB5	128815	283773	12.78%	1.207%
82	17.509	2617	2622	2624	rBV5	42300	71615	3.22%	0.305%
83	17.698	2649	2654	2669	rVB5	46057	144772	6.52%	0.616%

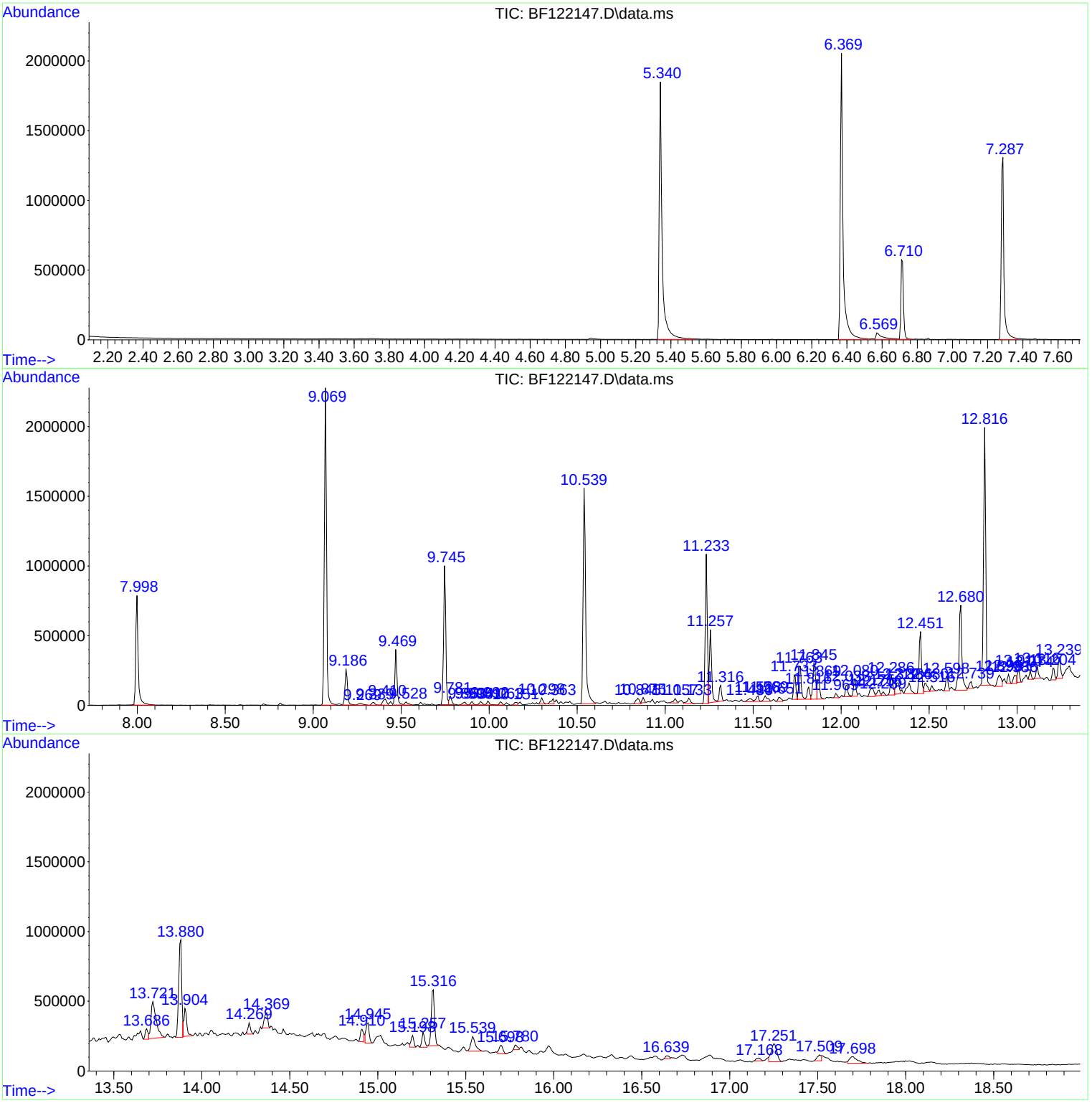
Sum of corrected areas: 23501223

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
Data File : BF122147.D
Acq On : 28 Oct 2020 14:52
Operator : JU/CG
Sample : L4537-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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\BF102820\
Data File : BF122147.D
Acq On : 28 Oct 2020 14:52
Operator : JU/CG
Sample : L4537-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

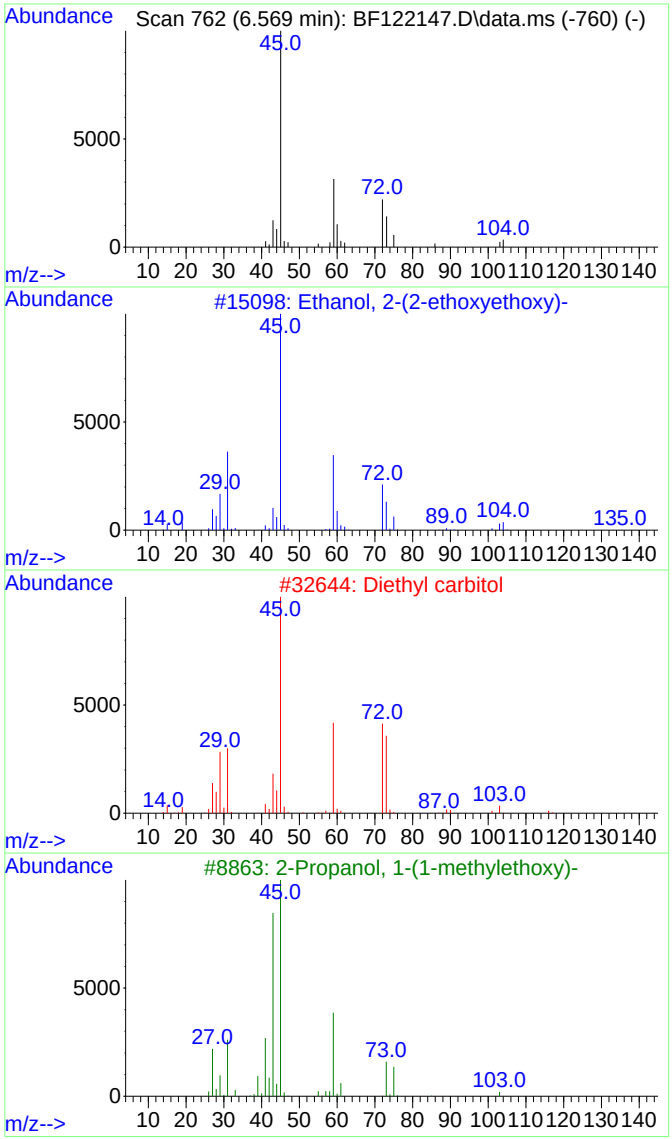
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

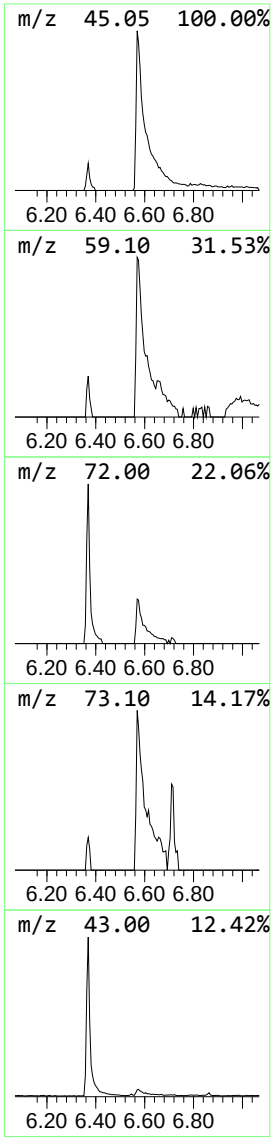
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.569	4.38 ng	123599	1,4-Dichlorobenzene-d4	6.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
4	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	40
5	Methoxyacetic acid, 2-methylprop...	146	C7H14O3	1000282-40-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
Data File : BF122147.D
Acq On : 28 Oct 2020 14:52
Operator : JU/CG
Sample : L4537-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

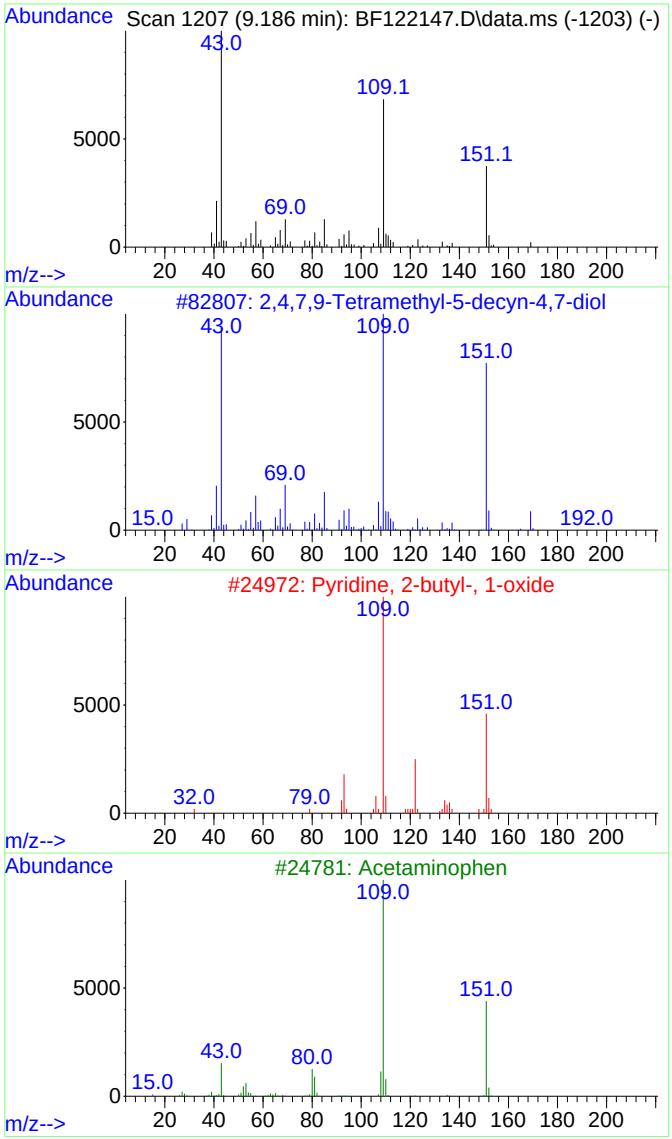
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

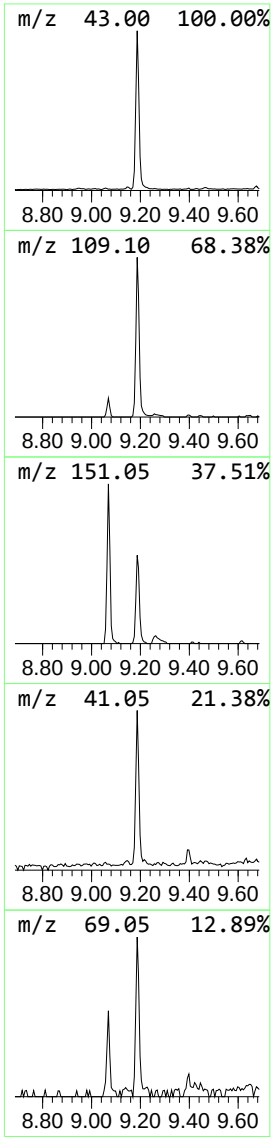
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.186	5.95 ng	254094	Acenaphthene-d10	9.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	87
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53
3	Acetaminophen	151	C8H9NO2	000103-90-2	47
4	Metacetamol	151	C8H9NO2	000621-42-1	47
5	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
Data File : BF122147.D
Acq On : 28 Oct 2020 14:52
Operator : JU/CG
Sample : L4537-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

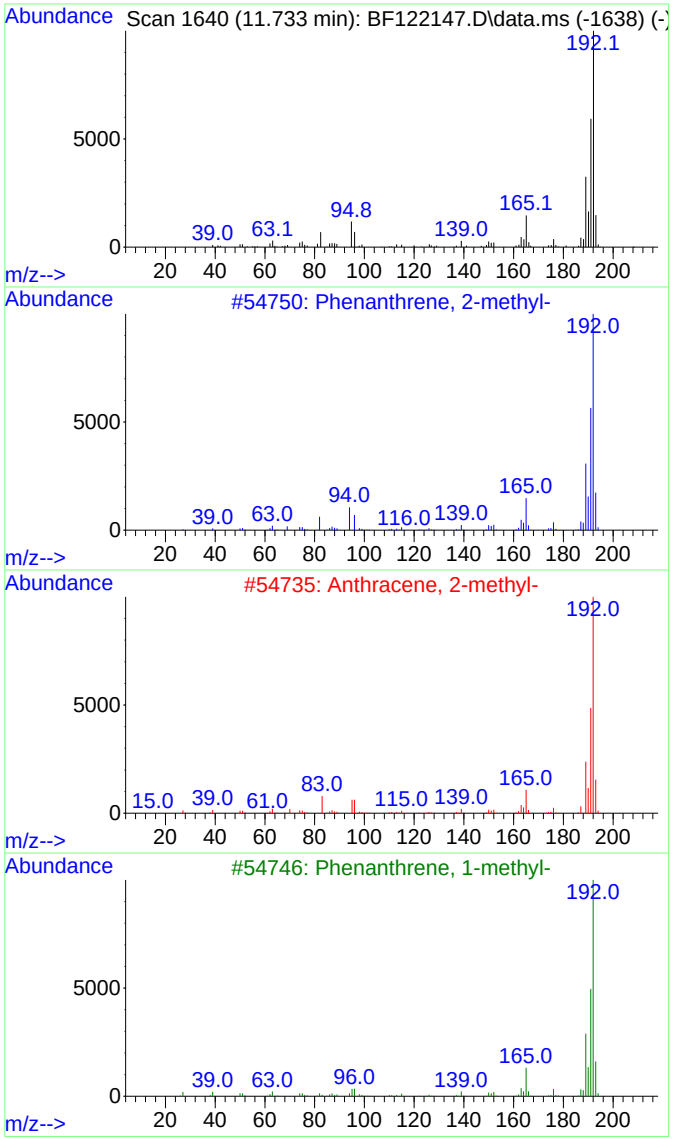
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

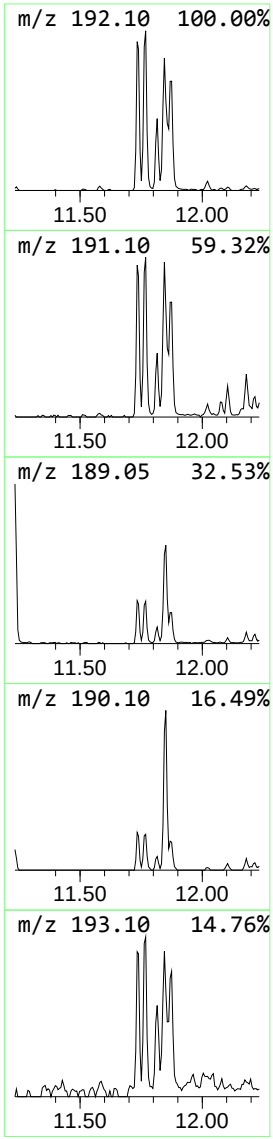
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.733	3.73 ng	161894	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
Data File : BF122147.D
Acq On : 28 Oct 2020 14:52
Operator : JU/CG
Sample : L4537-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

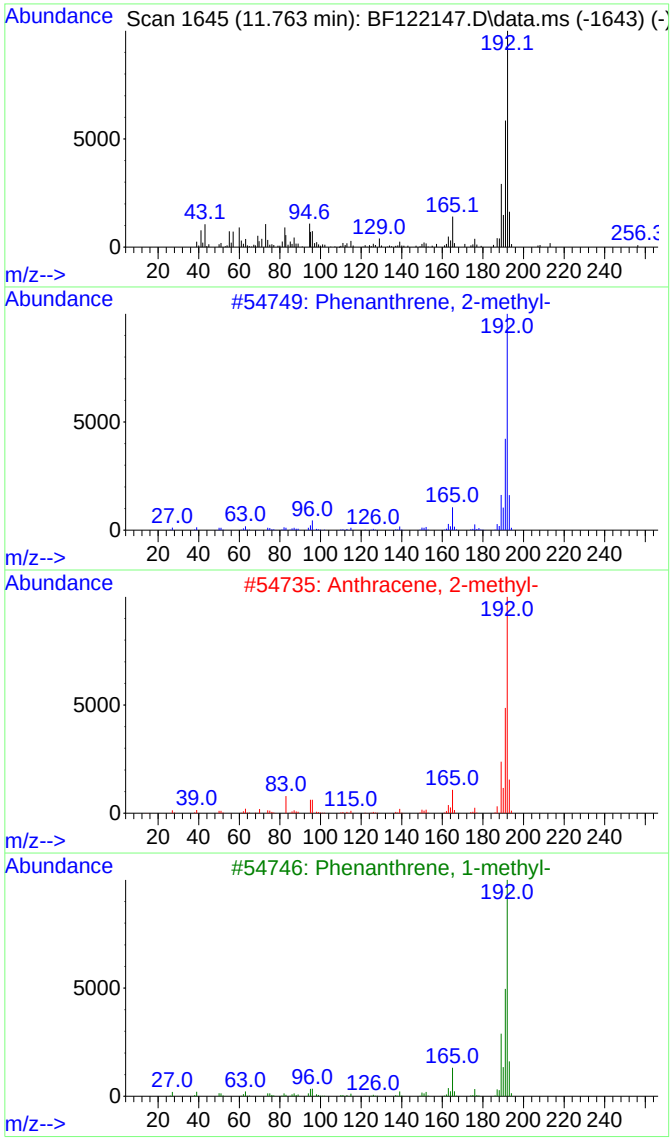
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

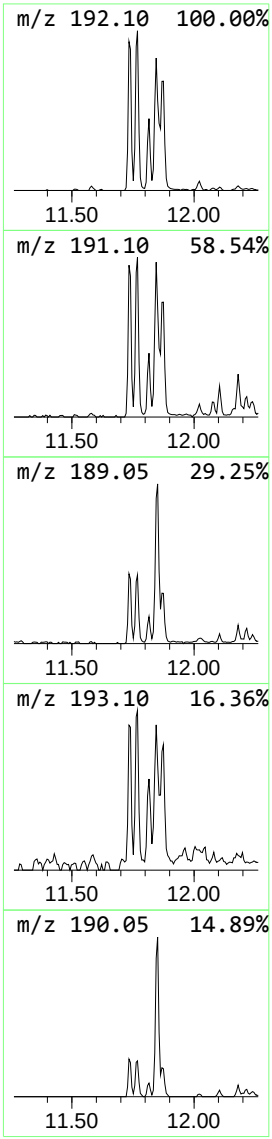
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.763	5.46 ng	237178	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
Data File : BF122147.D
Acq On : 28 Oct 2020 14:52
Operator : JU/CG
Sample : L4537-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

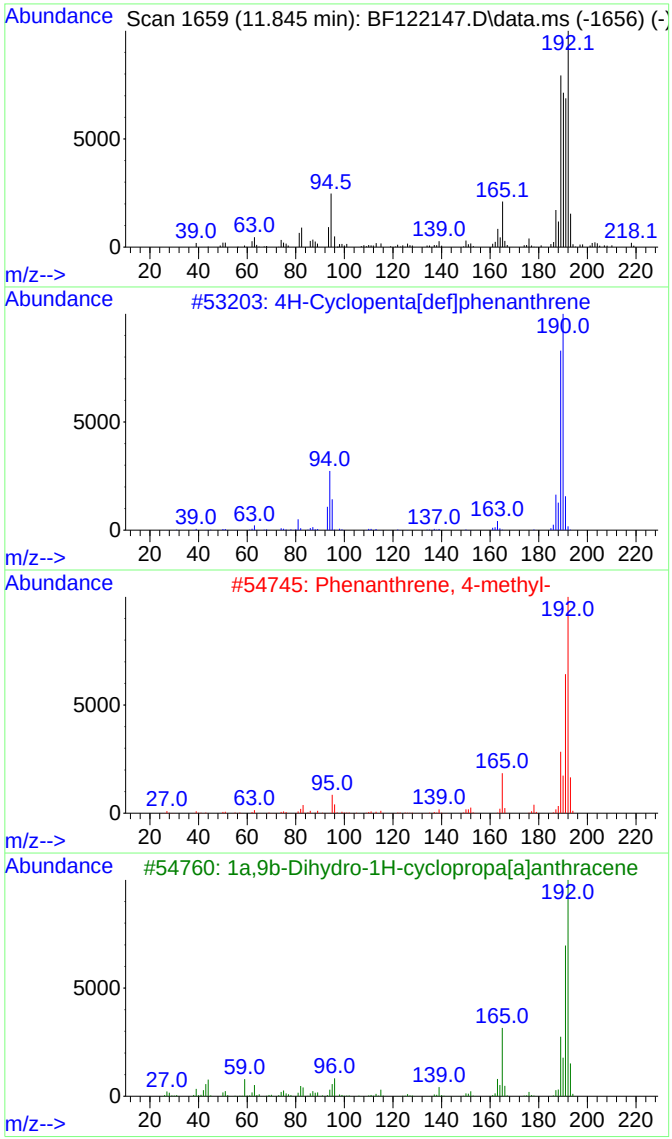
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

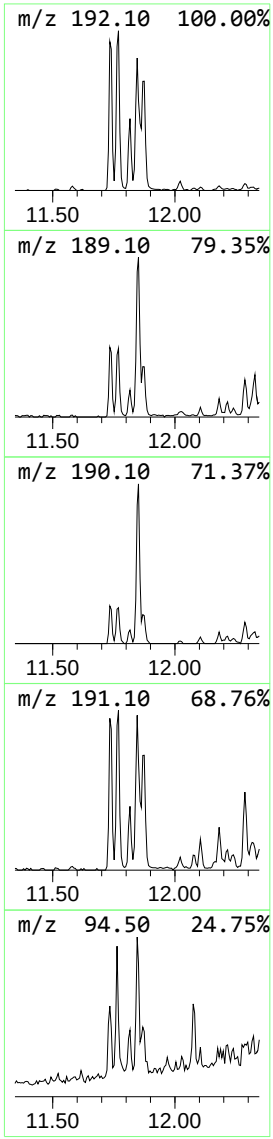
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	6.95 ng	301943	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	50
3	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	50
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
Data File : BF122147.D
Acq On : 28 Oct 2020 14:52
Operator : JU/CG
Sample : L4537-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

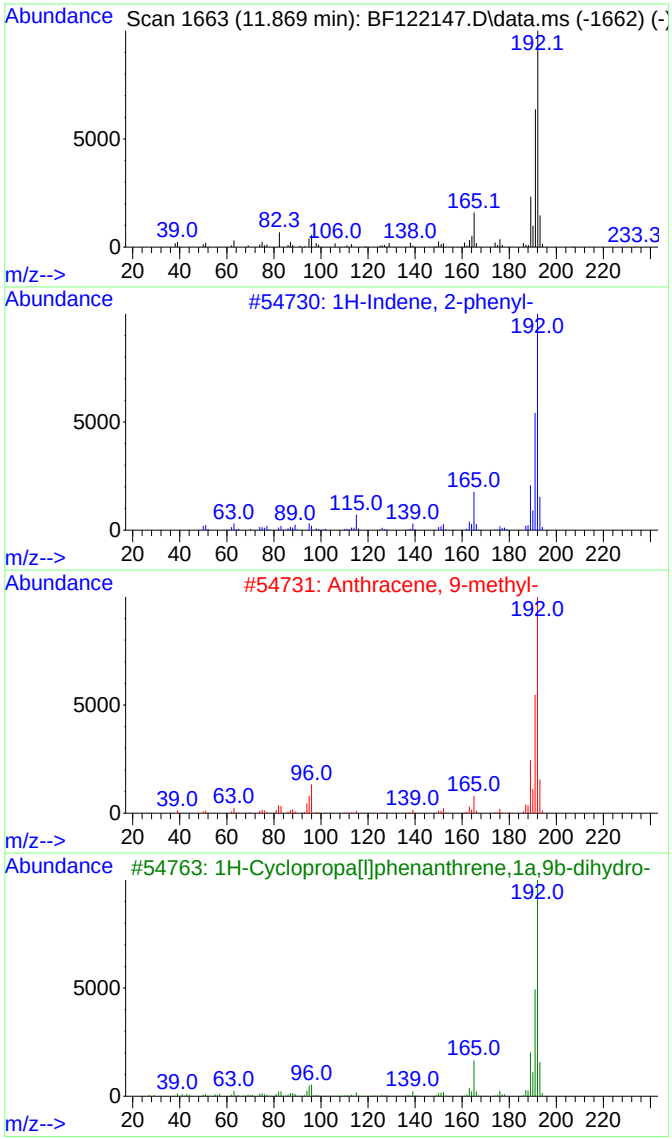
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

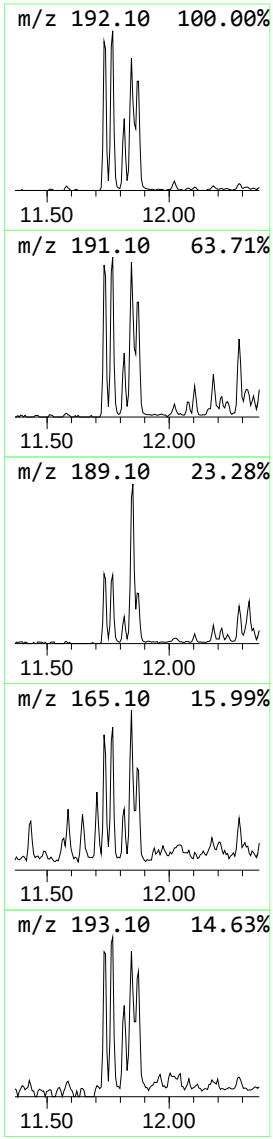
****

Peak Number 6 1H-Indene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.869	2.83 ng	122897	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83





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Acq On : 28 Oct 2020 14:52
Operator : JU/CG
Sample : L4537-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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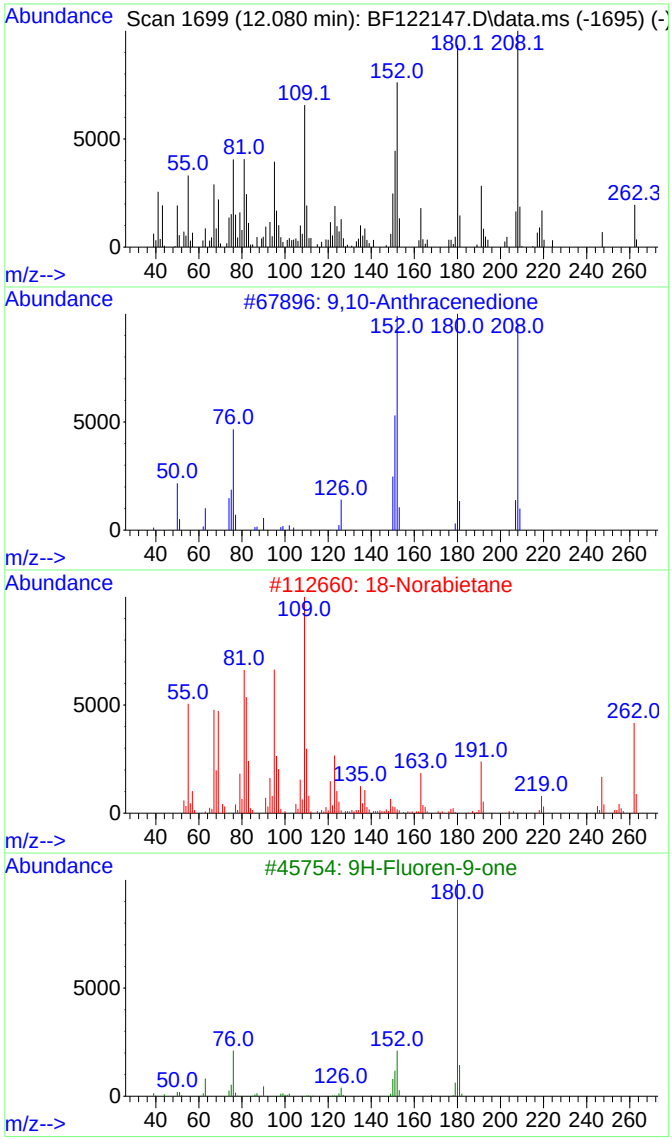
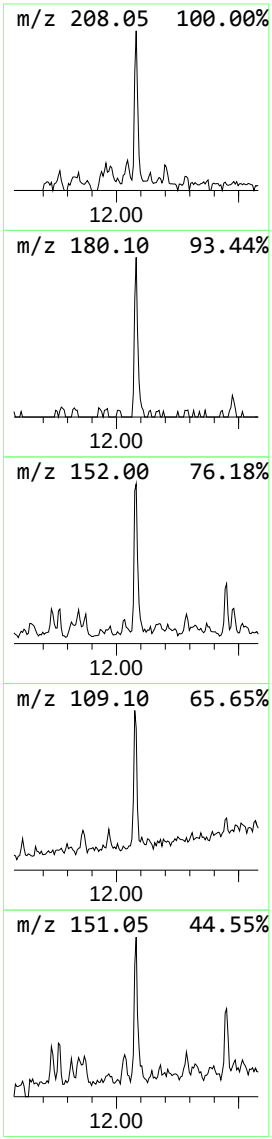
Peak Number 7 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.080	2.82 ng	122620	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	18-Norabietane	262	C19H34	1000293-16-6	90
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	41





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Sample : L4537-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

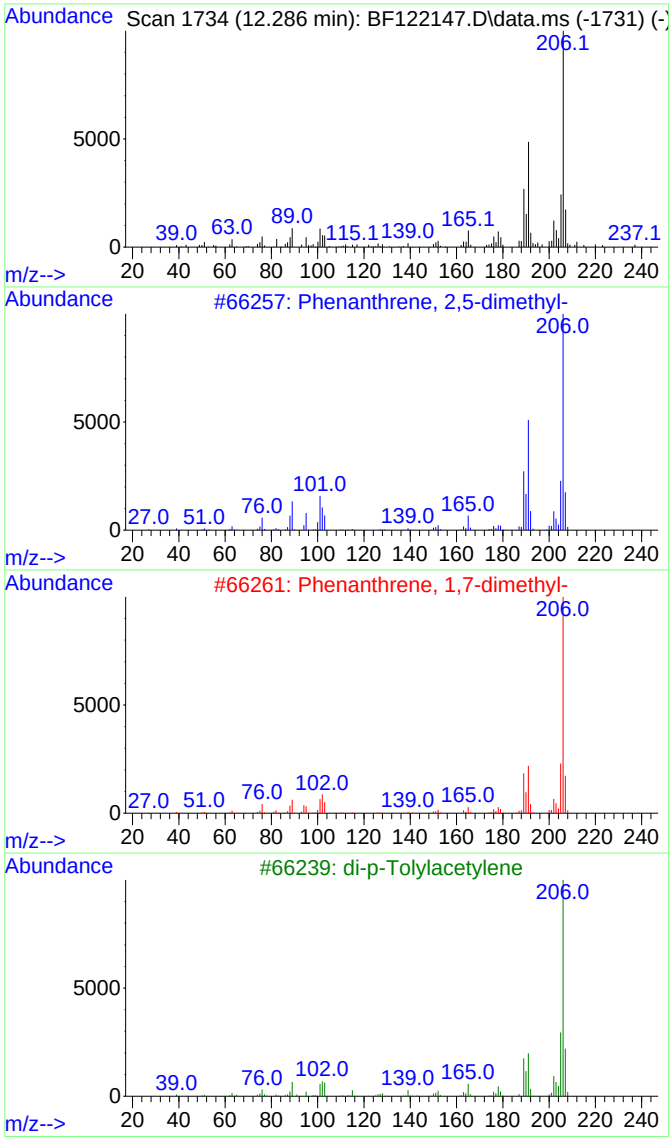
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

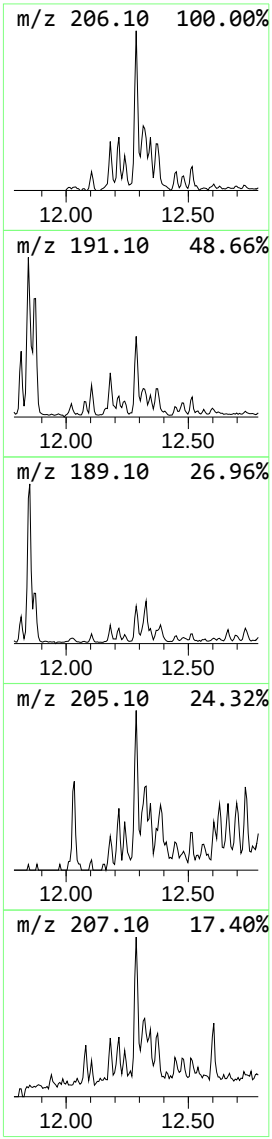
****

Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.286	3.41 ng	147939	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Operator : JU/CG
Sample : L4537-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

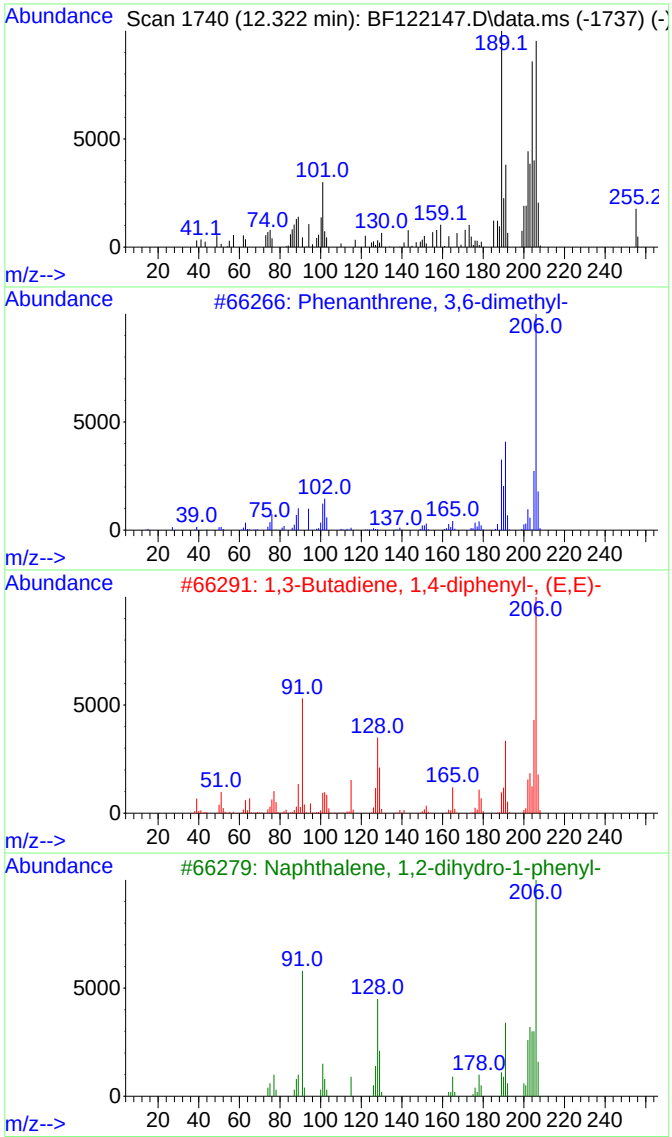
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

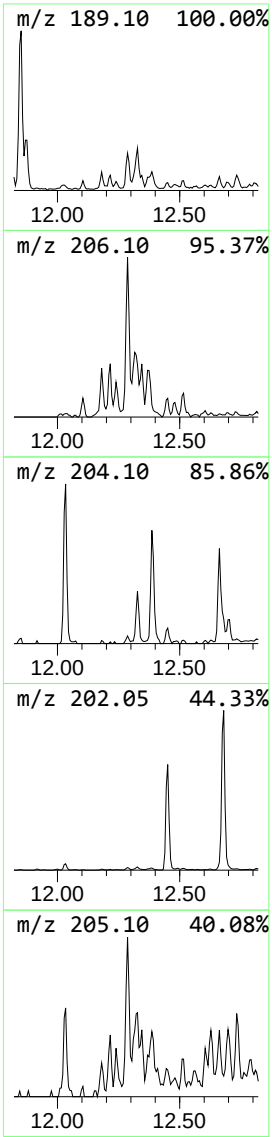
****

Peak Number 9 unknown12.32 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.322	2.77 ng	120300	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
2	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	30
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	30
4	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	30
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	27





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Operator : JU/CG
Sample : L4537-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

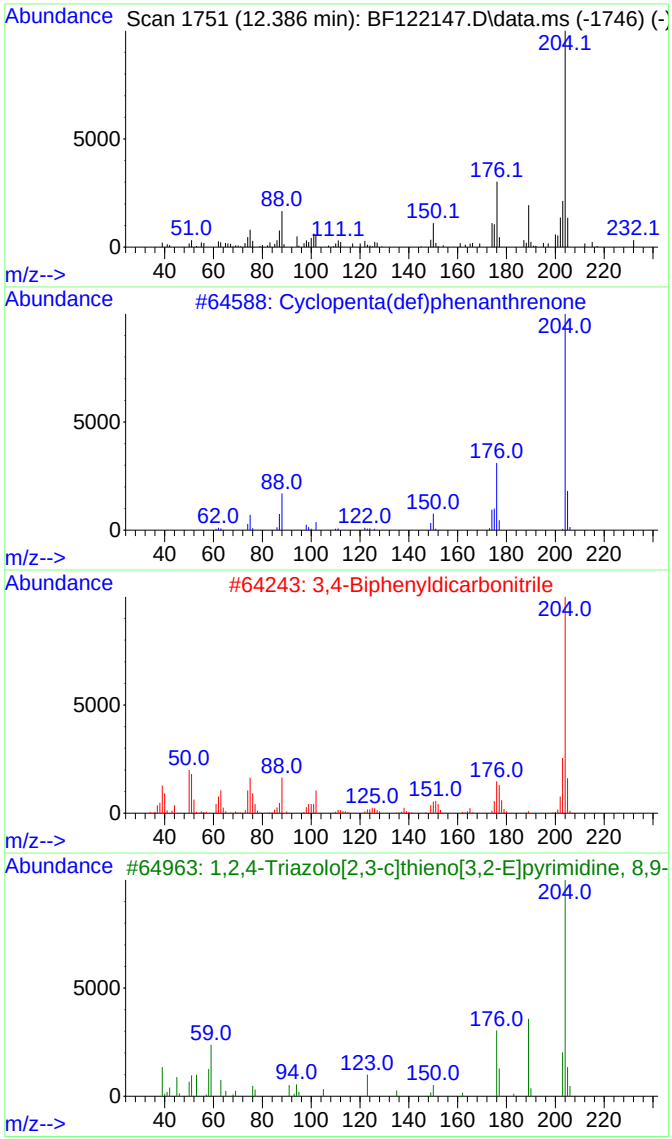
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

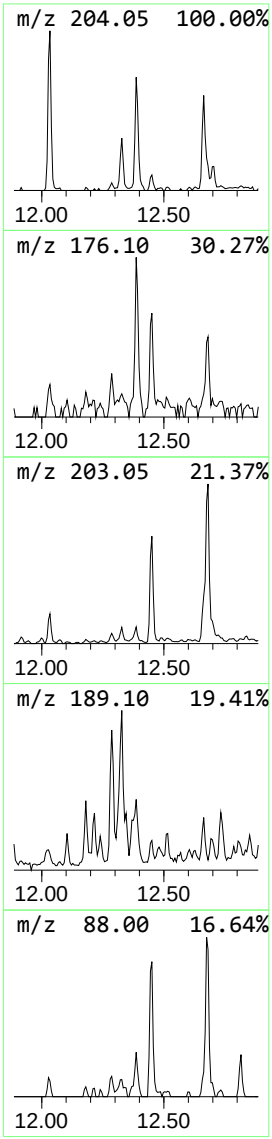
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	2.71 ng	117927	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
3	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	50
4	8-Amino-2-hydroxymethyl-6-methox...	204	C11H12N2O2	1000214-27-5	47
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	47





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Sample : L4537-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

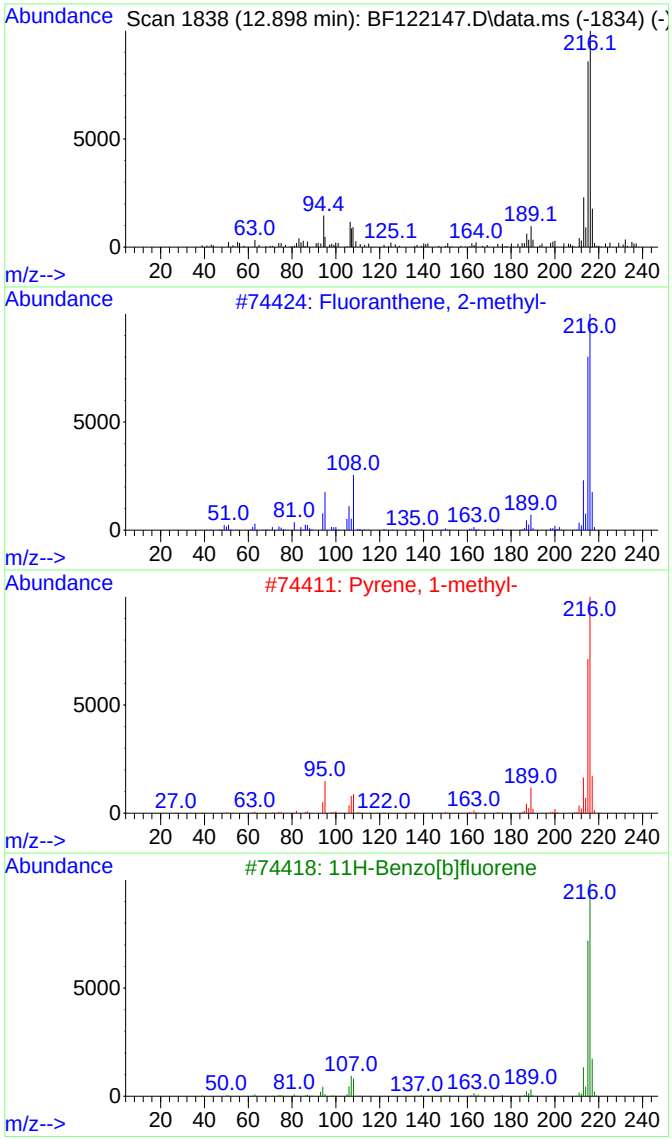
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

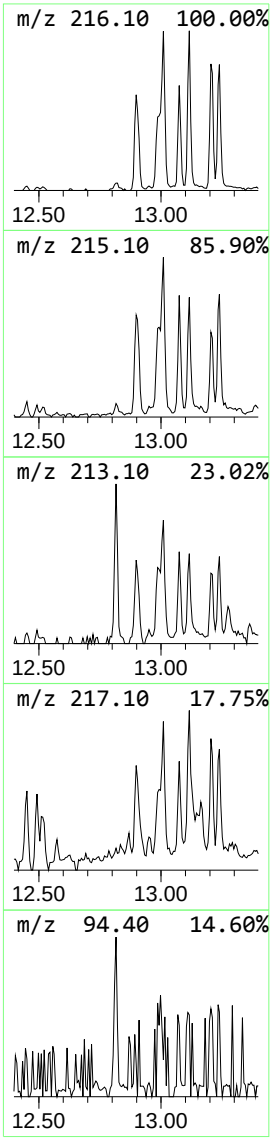
****

Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.898	3.05 ng	127499	Chrysene-d12	13.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Sample : L4537-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

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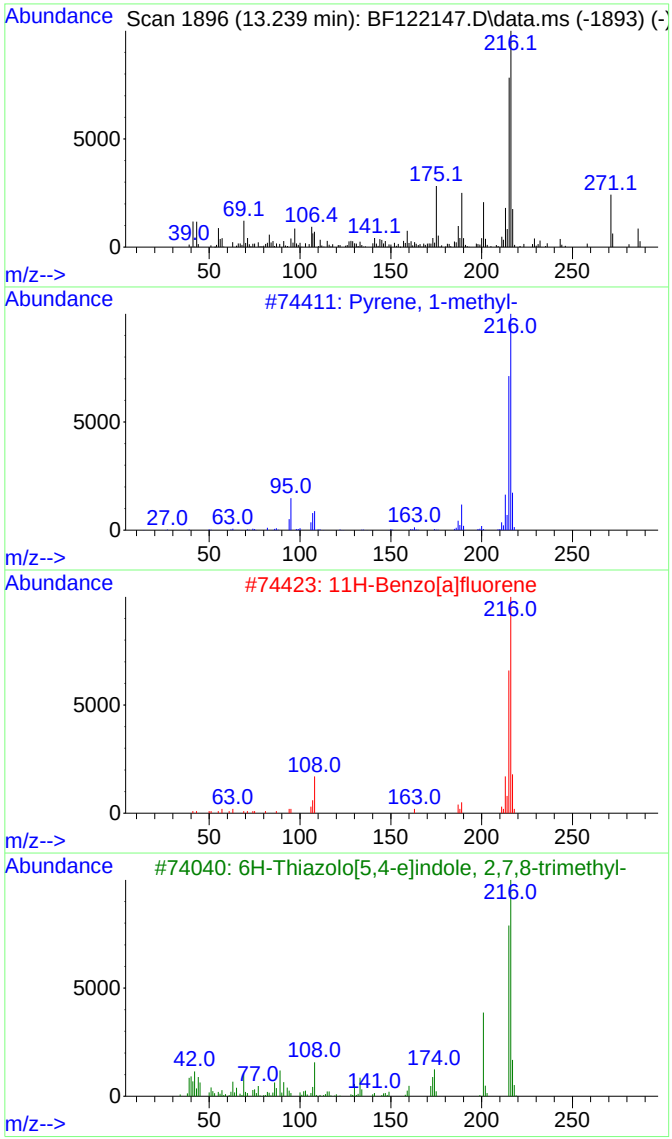
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

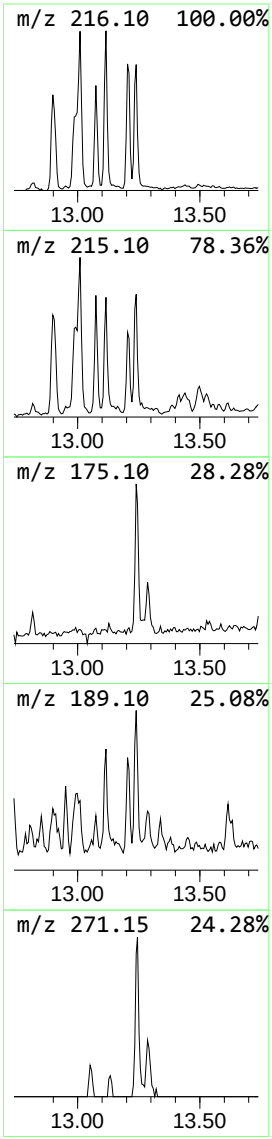
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	3.54 ng	148097	Chrysene-d12	13.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
3	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	70
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64





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Sample : L4537-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

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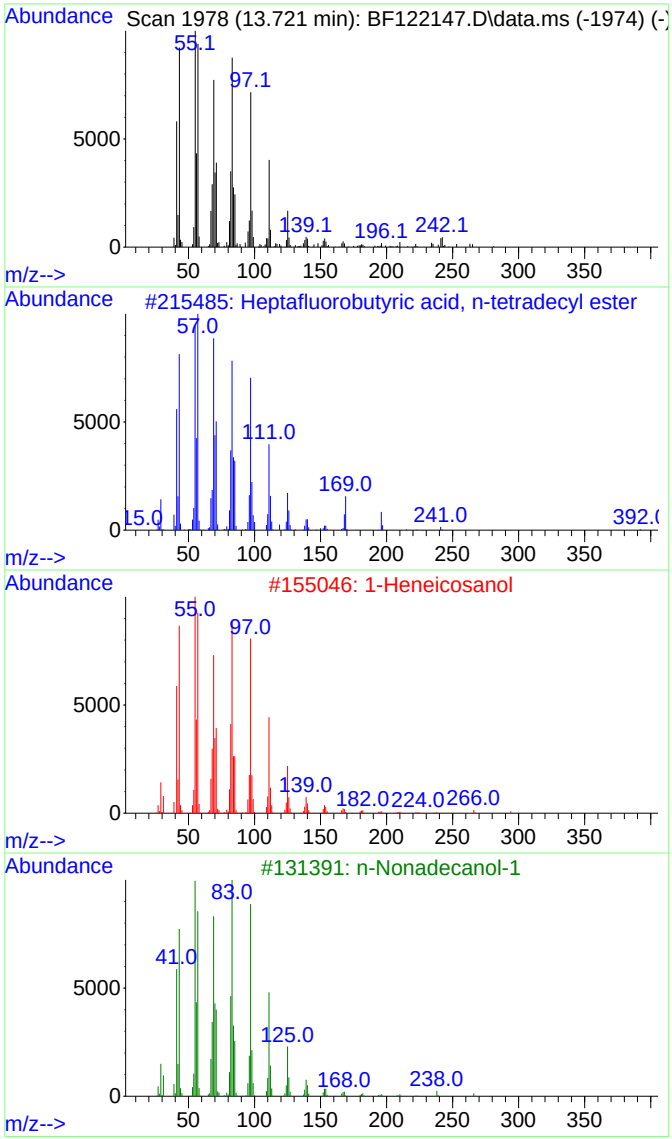
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

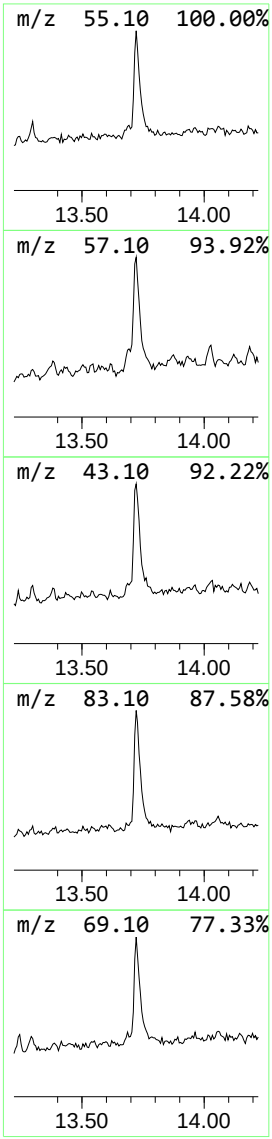
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Heptafluorobutyric acid, n-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.722	12.90 ng	539143	Chrysene-d12	13.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91





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Sample : L4537-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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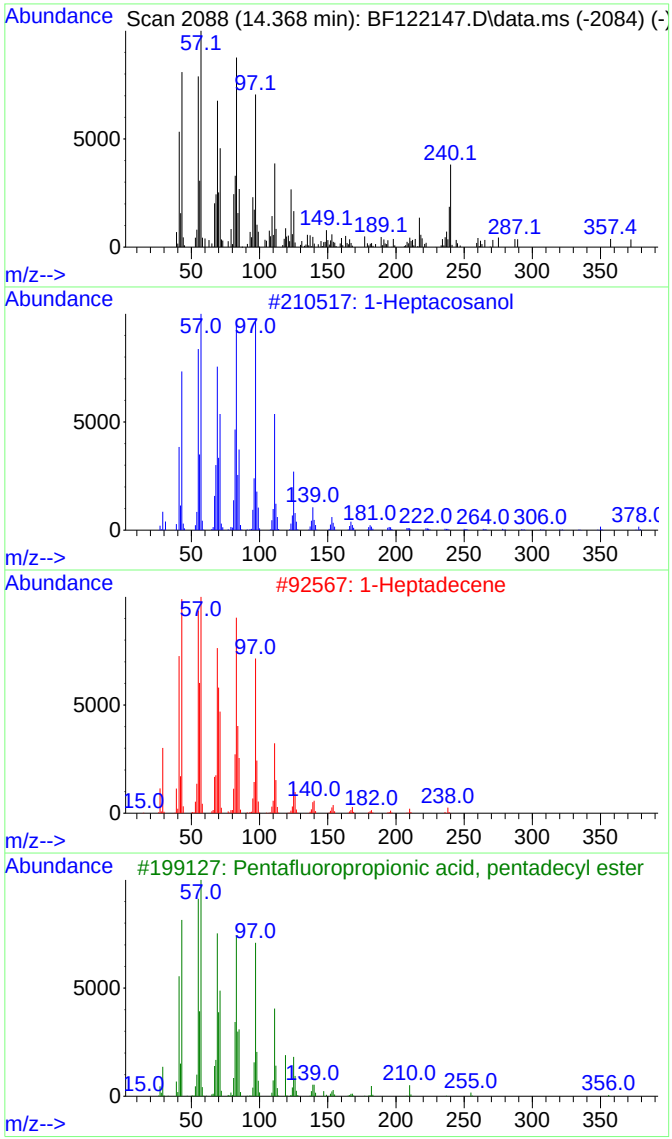
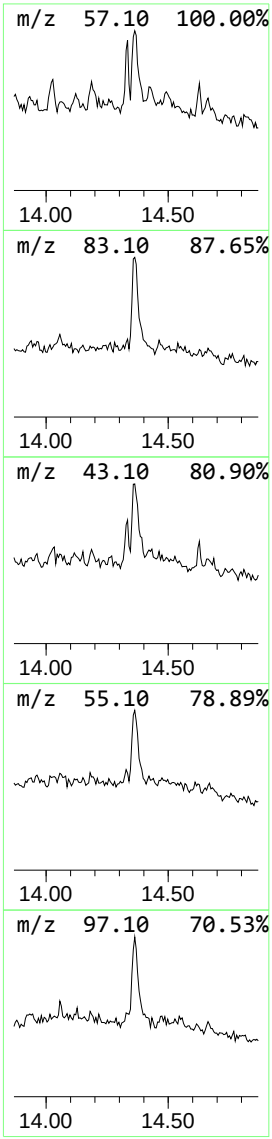
Peak Number 14 1-Heptacosanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.368	3.48 ng	145396	Chrysene-d12	13.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	70
2	1-Heptadecene	238	C17H34	006765-39-5	62
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	58
4	1-Pentadecene	210	C15H30	013360-61-7	58
5	1-Docosene	308	C22H44	001599-67-3	58





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ALS Vial : 8 Sample Multiplier: 1

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BNA_F
ClientSampleId :
S-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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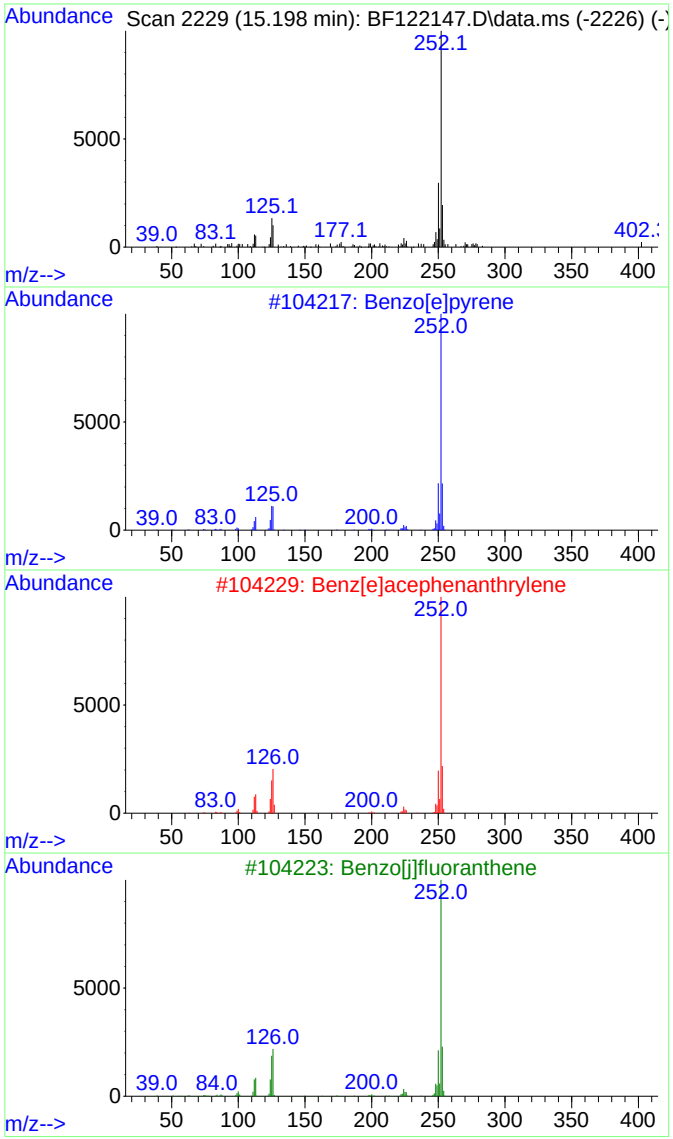
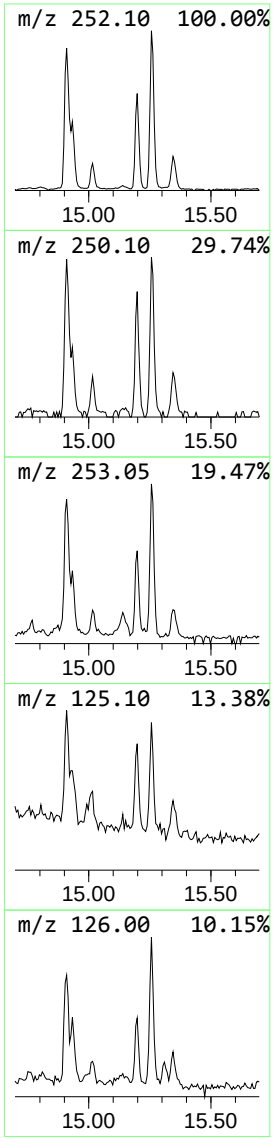
Peak Number 15 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.198	3.47 ng	87558	Perylene-d12	15.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	89





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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BNA_F
ClientSampleId :
S-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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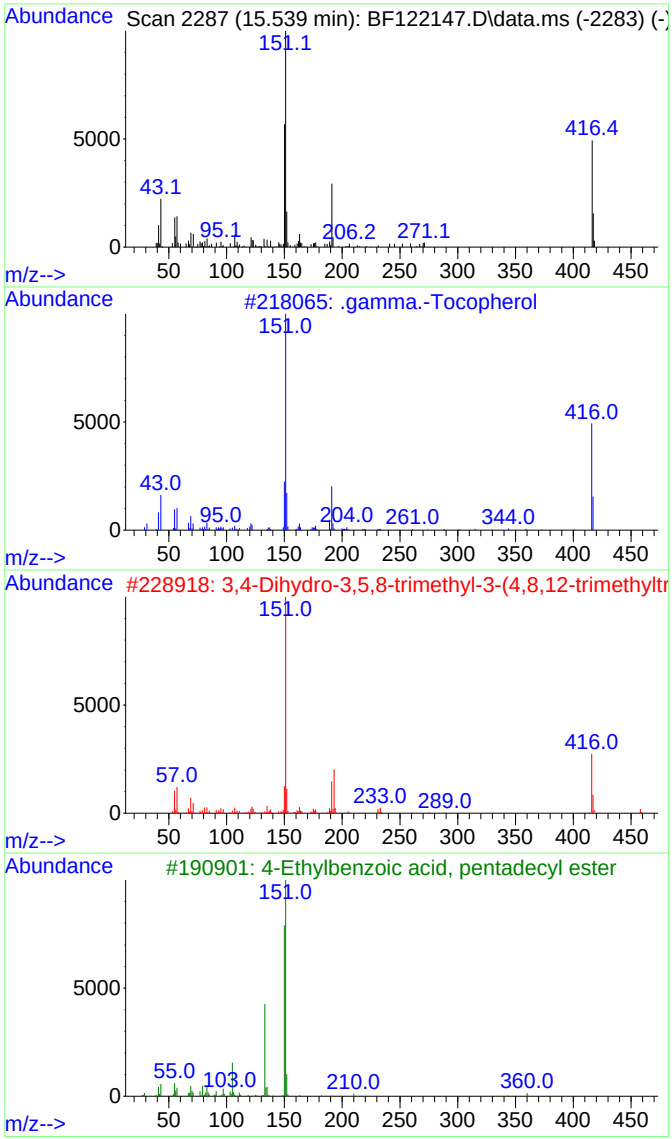
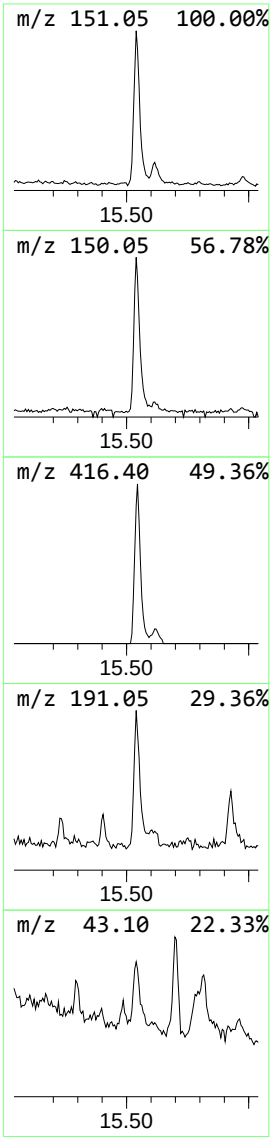
Peak Number 16 .gamma.-Tocopherol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.539	7.34 ng	185457	Perylene-d12	15.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Tocopherol	416	C28H48O2	007616-22-0	93
2	3,4-Dihydro-3,5,8-trimethyl-3-(4...	458	C30H50O3	1000105-71-9	53
3	4-Ethylbenzoic acid, pentadecyl ...	360	C24H40O2	1000292-34-9	43
4	Benzoic acid, 4-(methylamino)-	151	C8H9NO2	010541-83-0	38
5	4-Ethylbenzoic acid, tetradecyl ...	346	C23H38O2	1000292-34-8	37





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Sample : L4537-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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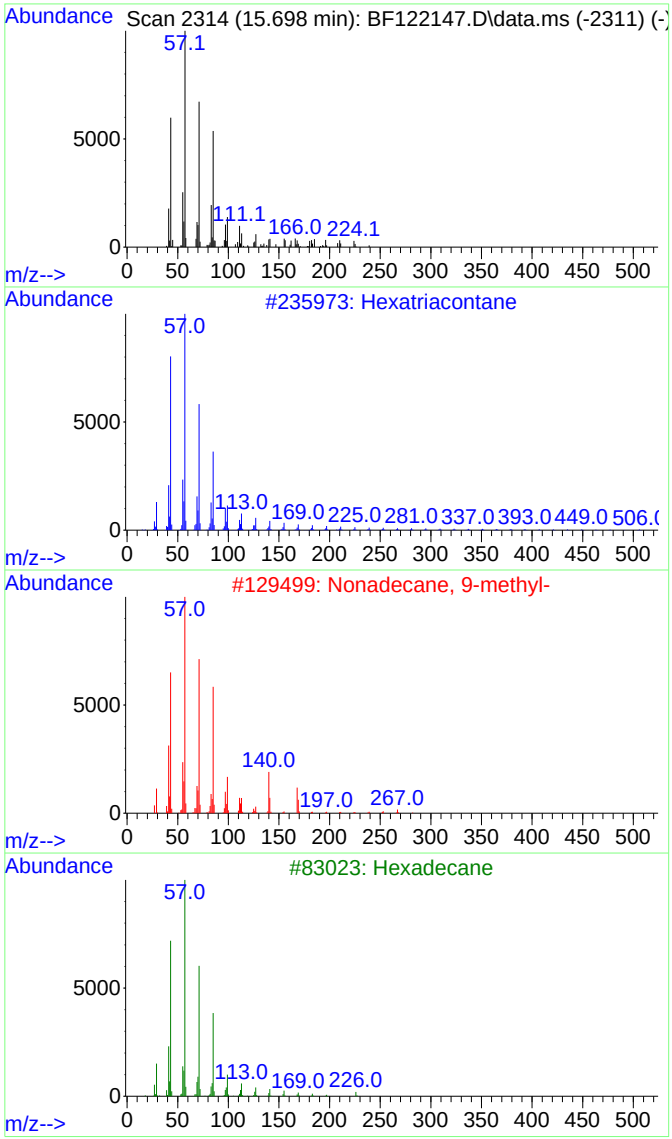
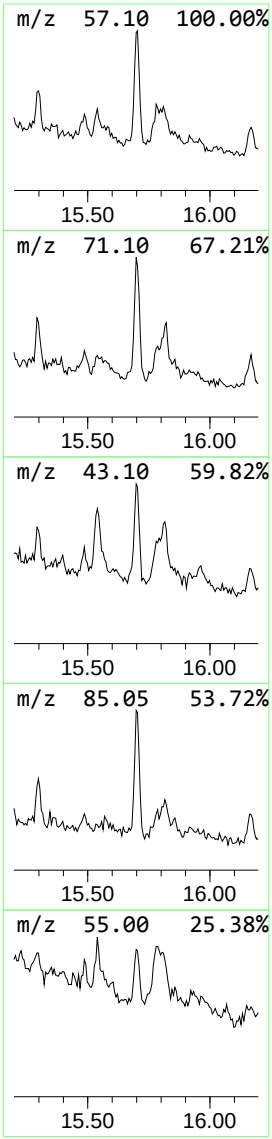
Peak Number 17 Hexatriacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.698	3.56 ng	89824	Perylene-d12	15.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	64
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	64
3	Hexadecane	226	C16H34	000544-76-3	62
4	Tetratetracontane	619	C44H90	007098-22-8	58
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	53





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Sample : L4537-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

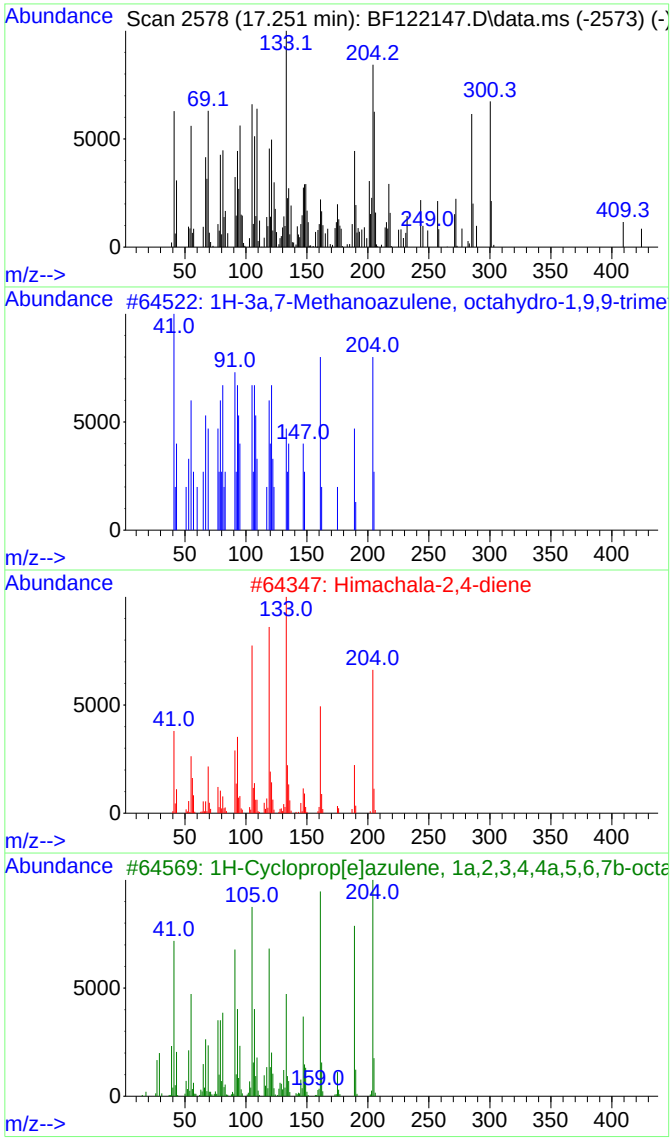
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

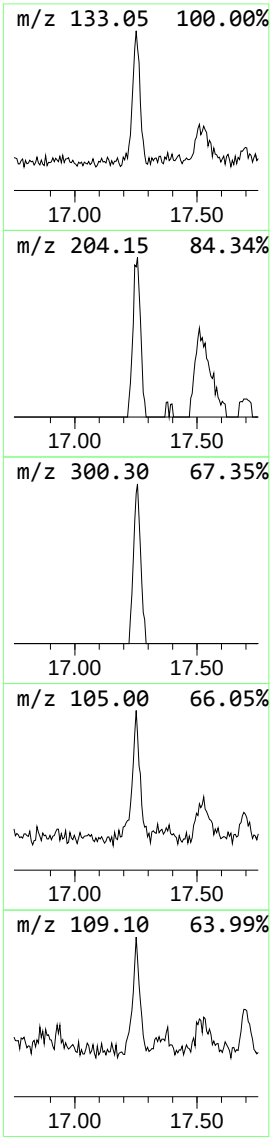
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1H-3a,7-Methanoazulene, oct... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.251	11.24 ng	283773	Perylene-d12	15.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	56
2	Himachala-2,4-diene	204	C15H24	060909-27-5	35
3	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	30
4	.beta.-Humulene	204	C15H24	000116-04-1	25
5	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	20





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
Data File : BF122147.D
Acq On : 28 Oct 2020 14:52
Operator : JU/CG
Sample : L4537-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

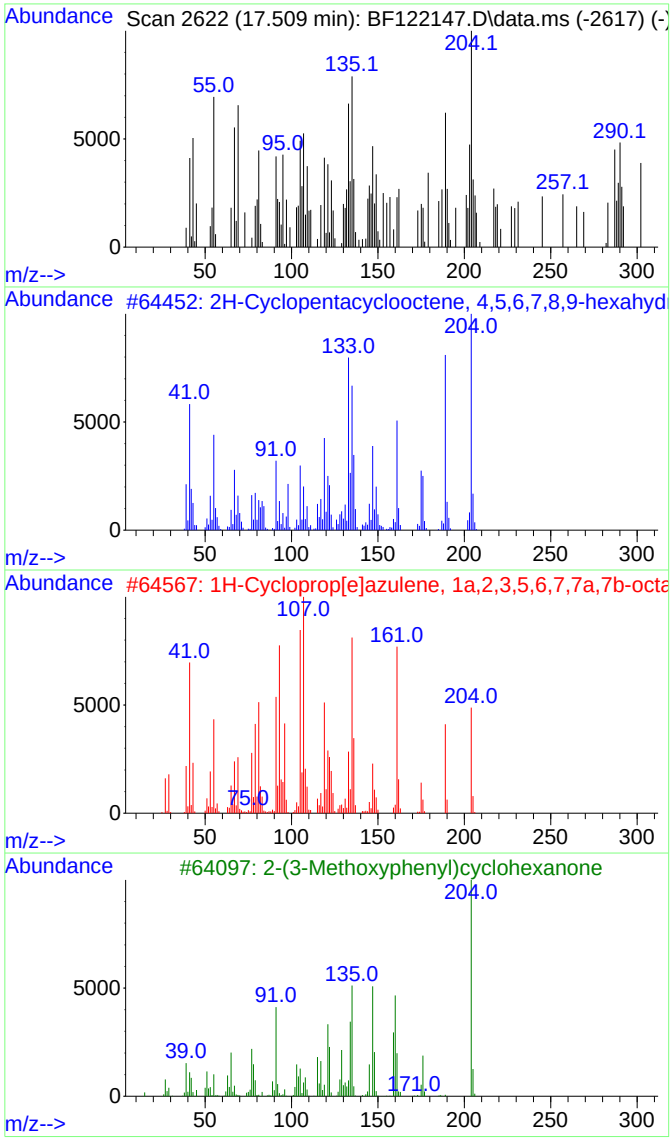
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

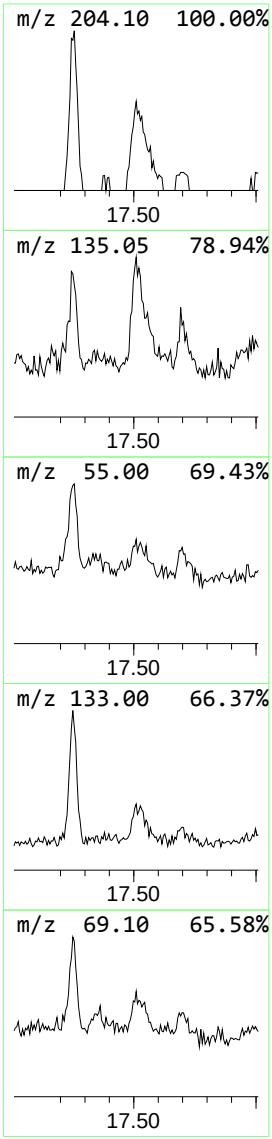
****

Peak Number 19 unknown17.50 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.509	2.84 ng	71615	Perylene-d12	15.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	42
2	1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	42
3	2-(3-Methoxyphenyl)cyclohexanone	204	C13H16O2	015547-89-4	35
4	Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	25
5	Guaia-3,9-diene	204	C15H24	000489-83-8	15





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
Data File : BF122147.D
Acq On : 28 Oct 2020 14:52
Operator : JU/CG
Sample : L4537-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

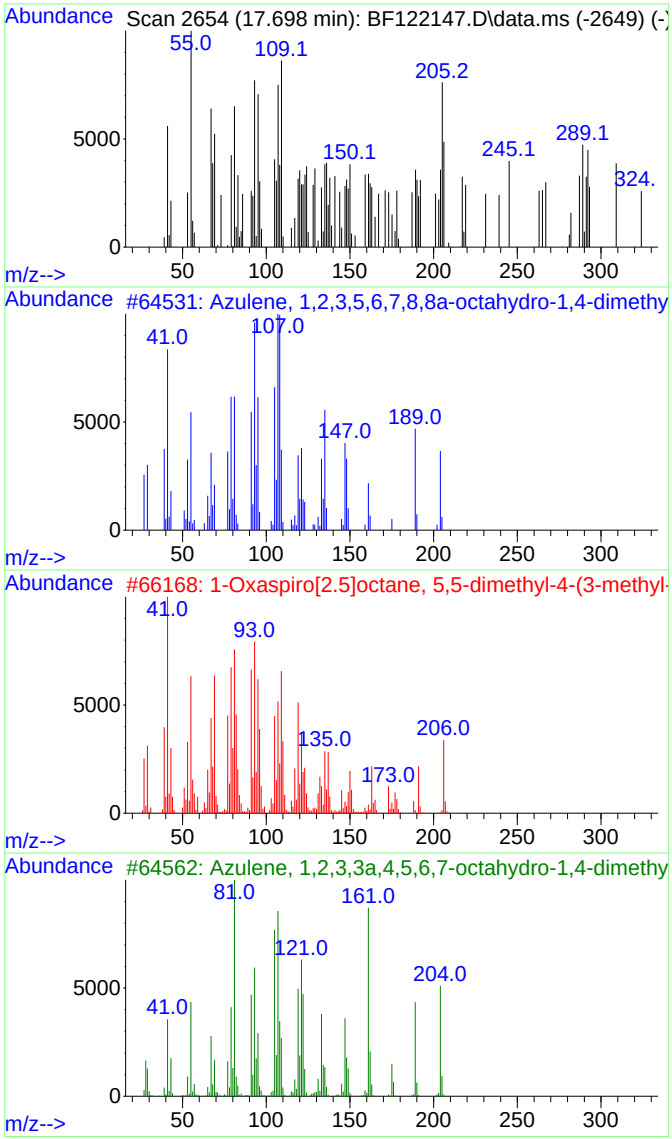
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

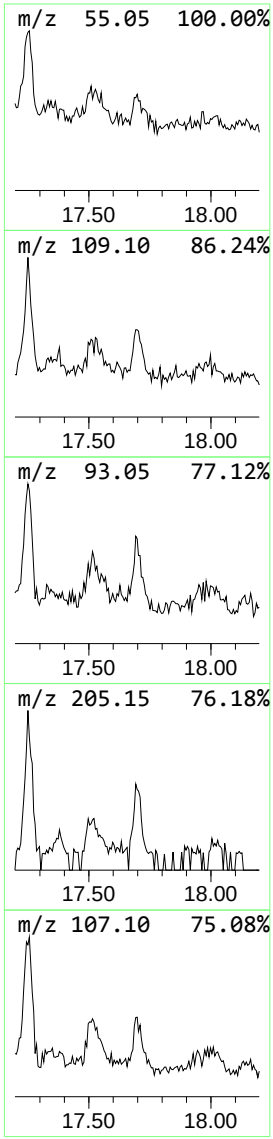
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Azulene, 1,2,3,5,6,7,8,8a-o... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.698	5.73 ng	144772	Perylene-d12	15.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	53
2	1-Oxaspiro[2.5]octane, 5,5-dimet...	206	C14H22O	1000195-92-1	42
3	Azulene, 1,2,3,3a,4,5,6,7-octahy...	204	C15H24	022567-17-5	25
4	1,1,6-trimethyl-3-methylene-2-(3...	452	C33H56	1000373-94-5	22
5	2-Butenal, 2-methyl-4-(2,6,6-tri...	206	C14H22O	003155-71-3	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
Data File : BF122147.D
Acq On : 28 Oct 2020 14:52
Operator : JU/CG
Sample : L4537-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-e...	6.569	4.4	ng	123599	1	6.716	564646	20.0
2,4,7,9-Tetrame...	9.186	6.0	ng	254094	3	9.745	853858	20.0
Phenanthrene, 2...	11.733	3.7	ng	161894	4	11.233	868877	20.0
Anthracene, 2-m...	11.763	5.5	ng	237178	4	11.233	868877	20.0
4H-Cyclopenta[d...	11.845	7.0	ng	301943	4	11.233	868877	20.0
1H-Indene, 2-ph...	11.869	2.8	ng	122897	4	11.233	868877	20.0
9,10-Anthracene...	12.080	2.8	ng	122620	4	11.233	868877	20.0
Phenanthrene, 2...	12.286	3.4	ng	147939	4	11.233	868877	20.0
unknown12.32	12.322	2.8	ng	120300	4	11.233	868877	20.0
Cyclopenta(def)...	12.386	2.7	ng	117927	4	11.233	868877	20.0
Fluoranthene, 2...	12.898	3.0	ng	127499	5	13.880	836068	20.0
Pyrene, 1-methyl-	13.239	3.5	ng	148097	5	13.880	836068	20.0
Heptafluorobuty...	13.722	12.9	ng	539143	5	13.880	836068	20.0
1-Heptacosanol	14.368	3.5	ng	145396	5	13.880	836068	20.0
Benzo[e]pyrene	15.198	3.5	ng	87558	6	15.316	505145	20.0
.gamma.-Tocopherol	15.539	7.3	ng	185457	6	15.316	505145	20.0
Hexatriacontane	15.698	3.6	ng	89824	6	15.316	505145	20.0
1H-3a,7-Methano...	17.251	11.2	ng	283773	6	15.316	505145	20.0
unknown17.50	17.509	2.8	ng	71615	6	15.316	505145	20.0
Azulene, 1,2,3,...	17.698	5.7	ng	144772	6	15.316	505145	20.0