LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125986.D
Acq On : 28 Oct 2021 13:40
Operator : JU/CG
Sample : M4373-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-102621

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-BF102521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125986.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	8	13	rVB	2647076	3447010	73.98%	5.902%
2	5.081	506	509	514	rVB	40868	48525	1.04%	0.083%
3	5.469	570	575	579	rBV	4353293	4639199	99.56%	7.944%
4	6.481	742	747	750	rBV	4231854	4659549	100.00%	7.979%
5	6.857	807	811	814	rBV	1430843	1093031	23.46%	1.872%
6	7.416	901	906	909	rBV	3206519	2997546	64.33%	5.133%
7	8.039	1009	1012	1025	rBV	386983	461689	9.91%	0.791%
8	8.139	1025	1029	1032	rBV	1761422	1405745	30.17%	2.407%
9	8.951	1164	1167	1171	rVB2	53890	52976	1.14%	0.091%
10	9.216	1207	1212	1215	rBV	4991642	4431337	95.10%	7.588%
11	9.298	1223	1226	1230	rBV2	87896	79750	1.71%	0.137%
12	9.475	1252	1256	1261	rBV	67198	85121	1.83%	0.146%
13	9.551	1263	1269	1271	rVV	99996	99169	2.13%	0.170%
14	9.575	1271	1273	1276	rVV	71792	55761	1.20%	0.095%
15	9.616	1276	1280	1283	rVV3	50452	64740	1.39%	0.111%
16	9.669	1287	1289	1293	rVB2	49053	54532	1.17%	0.093%
17	9.751	1300	1303	1309	rVB	246469	194693	4.18%	0.333%
18	9.827	1314	1316	1319	rVV	108020	80341	1.72%	0.138%
19	9.892	1321	1327	1330	rBV	1835871	1503304	32.26%	2.574%
20	9.922	1330	1332	1336	rVB	78816	73256	1.57%	0.125%
21	10.092	1348	1361	1365	rBV	204433	239384	5.14%	0.410%
22	10.327	1398	1401	1406	rVB2	105093	96866	2.08%	0.166%
23	10.439	1416	1420	1426	rVB	442783	406902	8.73%	0.697%
24	10.551	1436	1439	1444	rVB	49793	51413	1.10%	0.088%
25	10.598	1444	1447	1450	rVB	79975	77092	1.65%	0.132%
26	10.680	1456	1461	1464	rBV	2770711	2753070	59.08%	4.714%
27	10.798	1478	1481	1489	rVB2	123189	142201	3.05%	0.243%
28	10.986	1506	1513	1516	rBV2	102935	123035	2.64%	0.211%
29	11.180	1543	1546	1550	rVB3	45855	50800	1.09%	0.087%
30	11.251	1555	1558	1559	rVV2	98951	92508	1.99%	0.158%
31	11.269	1559	1561	1568	rVB	155403	167334	3.59%	0.287%
32	11.374	1575	1579	1581	rBV	1560680	1393213	29.90%	2.386%
33	11.398	1581	1583	1587	rVV	2172136	1874925	40.24%	3.210%
34	11.451	1587	1592	1595	rVV	660497	572553	12.29%	0.980%
35	11.486	1595	1598	1601	rVB4	43233	51795	1.11%	0.089%
36	11.604	1614	1618	1620	rBV	74856	65994	1.42%	0.113%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125986.D
Acq On : 28 Oct 2021 13:40
Operator : JU/CG
Sample : M4373-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-102621

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-BF102521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.674	1627	1630	1633	rBV	113124	94023	2.02%	0.161%
38	11.704	1633	1635	1641	rVV2	50814	56316	1.21%	0.096%
39	11.774	1644	1647	1653	rVB	665984	530111	11.38%	0.908%
40	11.880	1661	1665	1667	rBV	217729	217709	4.67%	0.373%
41	11.904	1667	1669	1674	rVV	495130	397773	8.54%	0.681%
42	11.951	1674	1677	1680	rVV	124458	111505	2.39%	0.191%
43	11.986	1680	1683	1686	rVV	439734	483705	10.38%	0.828%
44	12.010	1686	1687	1692	rVB	180526	118068	2.53%	0.202%
45	12.080	1692	1699	1702	rBV4	77299	108622	2.33%	0.186%
46	12.174	1712	1715	1717	rBV	151738	150778	3.24%	0.258%
47	12.192	1717	1718	1723	rVB2	70276	47701	1.02%	0.082%
48	12.427	1755	1758	1760	rBV	128341	128647	2.76%	0.220%
49	12.463	1760	1764	1765	rVV	1037022	956647	20.53%	1.638%
50	12.480	1765	1767	1770	rVV	1317054	1096314	23.53%	1.877%
51	12.504	1770	1771	1777	rVB4	172534	171076	3.67%	0.293%
52	12.568	1779	1782	1783	rBV	289224	255487	5.48%	0.437%
53	12.586	1783	1785	1789	rVB	2202131	2005664	43.04%	3.434%
54	12.680	1798	1801	1804	rVB	170472	146259	3.14%	0.250%
55	12.739	1808	1811	1815	rVB2	85330	90512	1.94%	0.155%
56	12.815	1818	1824	1827	rBV	2015147	2024311	43.44%	3.466%
57	12.863	1830	1832	1838	rVB2	89442	102425	2.20%	0.175%
58	12.933	1841	1844	1845	rBV	128895	103519	2.22%	0.177%
59	12.963	1845	1849	1853	rVB	4037177	3673225	78.83%	6.290%
60	13.039	1856	1862	1864	rBV2	145645	240780	5.17%	0.412%
61	13.121	1873	1876	1877	rBV2	130958	133585	2.87%	0.229%
62	13.145	1877	1880	1883	rVB2	363290	331718	7.12%	0.568%
63	13.210	1887	1891	1894	rVV	340915	316902	6.80%	0.543%
64	13.245	1894	1897	1900	rVV2	198257	196105	4.21%	0.336%
65	13.339	1911	1913	1916	rVB	117581	86159	1.85%	0.148%
66	13.368	1916	1918	1922	rVB	121423	114815	2.46%	0.197%
67	13.645	1963	1965	1971	rBV	105668	129841	2.79%	0.222%
68	13.762	1981	1985	1987	rBV2	155131	173970	3.73%	0.298%
69	13.792	1987	1990	1992	rVV	174705	162865	3.50%	0.279%
70	13.815	1992	1994	1998	rVV2	142720	213021	4.57%	0.365%
71	13.857	1998	2001	2002	rVV2	142077	162005	3.48%	0.277%
72	13.874	2002	2004	2011	rVB2	435603	603155	12.94%	1.033%
73	14.010	2022	2027	2030	rBV2	1616940	2260632	48.52%	3.871%
74	14.039	2030	2032	2035	rVB	906007	661794	14.20%	1.133%
75	14.121	2043	2046	2047	rBV	129851	108185	2.32%	0.185%
76	14.151	2049	2051	2054	rVV	131305	130579	2.80%	0.224%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125986.D
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-102621

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-BF102521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.362	2085	2087	2089	rBV2	71299	72768	1.56%	0.125%
78	14.398	2091	2093	2097	rVV	234488	210227	4.51%	0.360%
79	14.433	2097	2099	2102	rVB	141496	109693	2.35%	0.188%
80	14.492	2106	2109	2111	rVV2	141325	126234	2.71%	0.216%
81	14.521	2111	2114	2116	rVV2	170072	193159	4.15%	0.331%
82	14.545	2116	2118	2122	rVB3	131778	136712	2.93%	0.234%
83	14.874	2172	2174	2180	rVB4	89299	102090	2.19%	0.175%
84	15.051	2200	2204	2207	rBV	784365	1157130	24.83%	1.981%
85	15.157	2220	2222	2227	rVB	178030	190726	4.09%	0.327%
86	15.357	2252	2256	2262	rVB	393784	485351	10.42%	0.831%
87	15.415	2262	2266	2272	rVB	699404	810503	17.39%	1.388%
88	15.480	2272	2277	2280	rBV	825817	1015960	21.80%	1.740%
89	15.509	2280	2282	2289	rVB2	188049	243801	5.23%	0.417%
90	16.933	2518	2524	2532	rVB3	210962	464314	9.96%	0.795%
91	17.362	2593	2597	2606	rVB	155841	299276	6.42%	0.512%

Sum of corrected areas: 58400811

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125986.D
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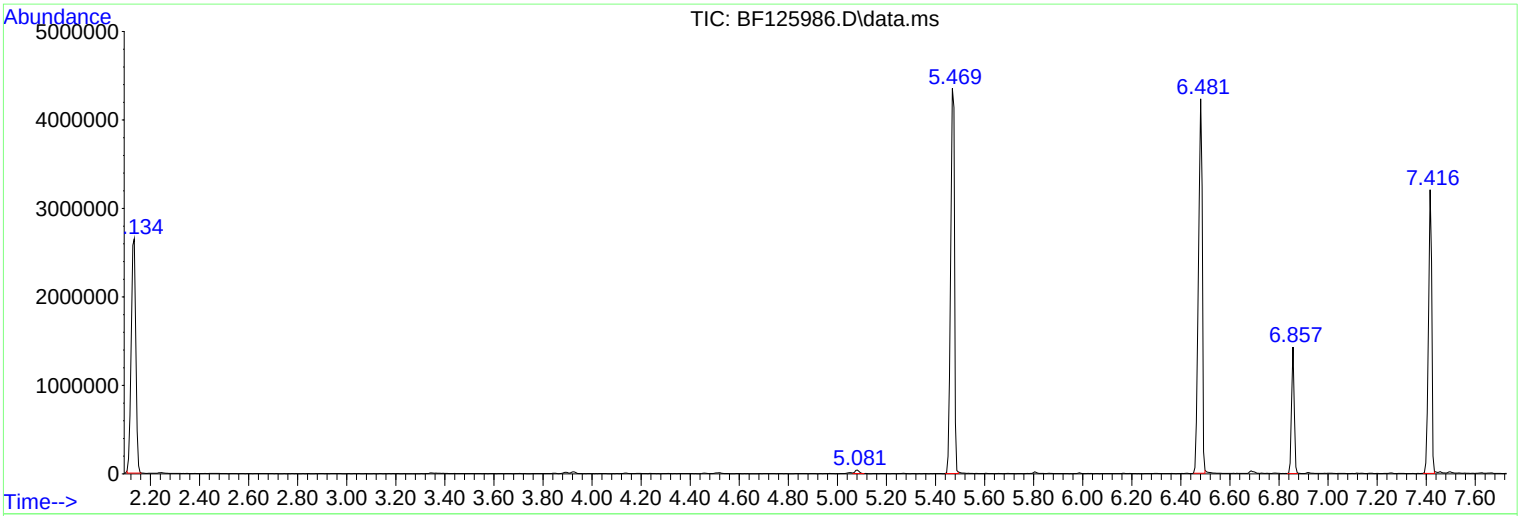
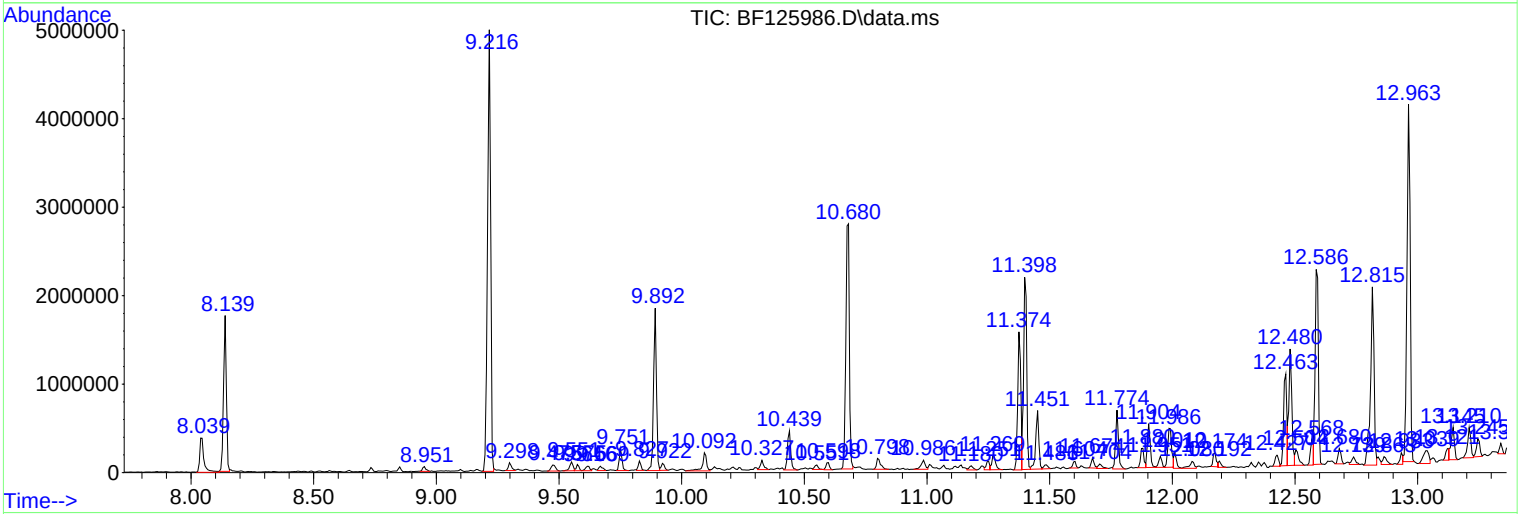
Operator : JU/CG
Sample : M4373-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

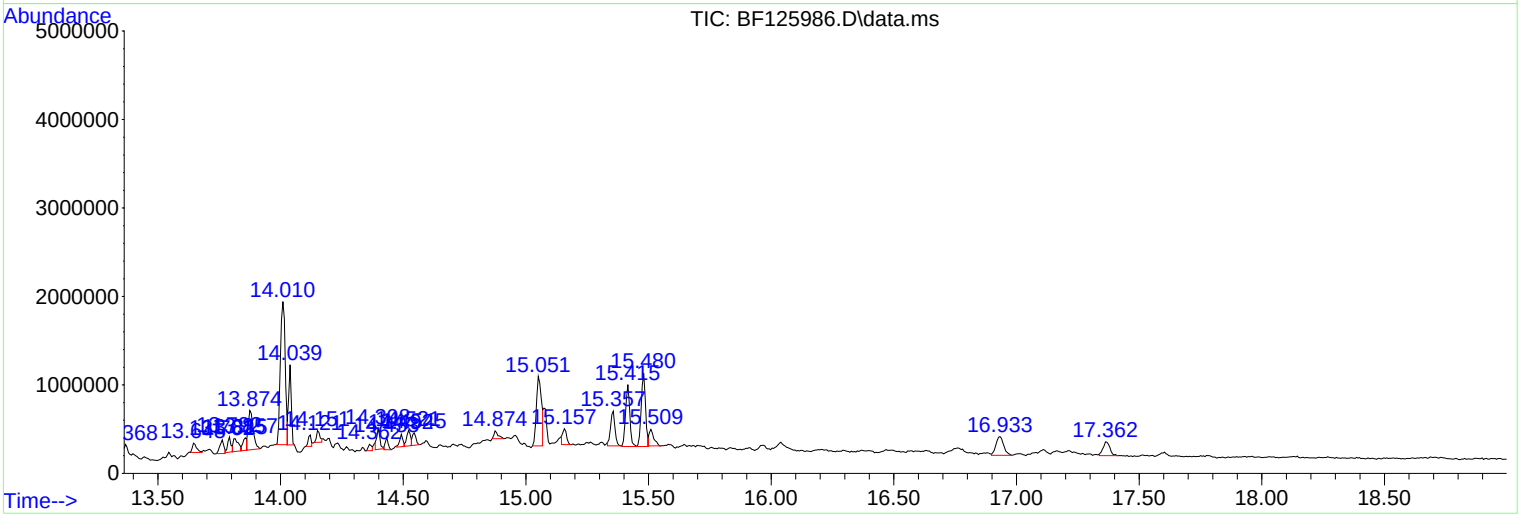
Instrument :
BNA_F
ClientSampleId :
SU-01-102621

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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\BF102821\
Data File : BF125986.D
Acq On : 28 Oct 2021 13:40
Operator : JU/CG
Sample : M4373-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-102621

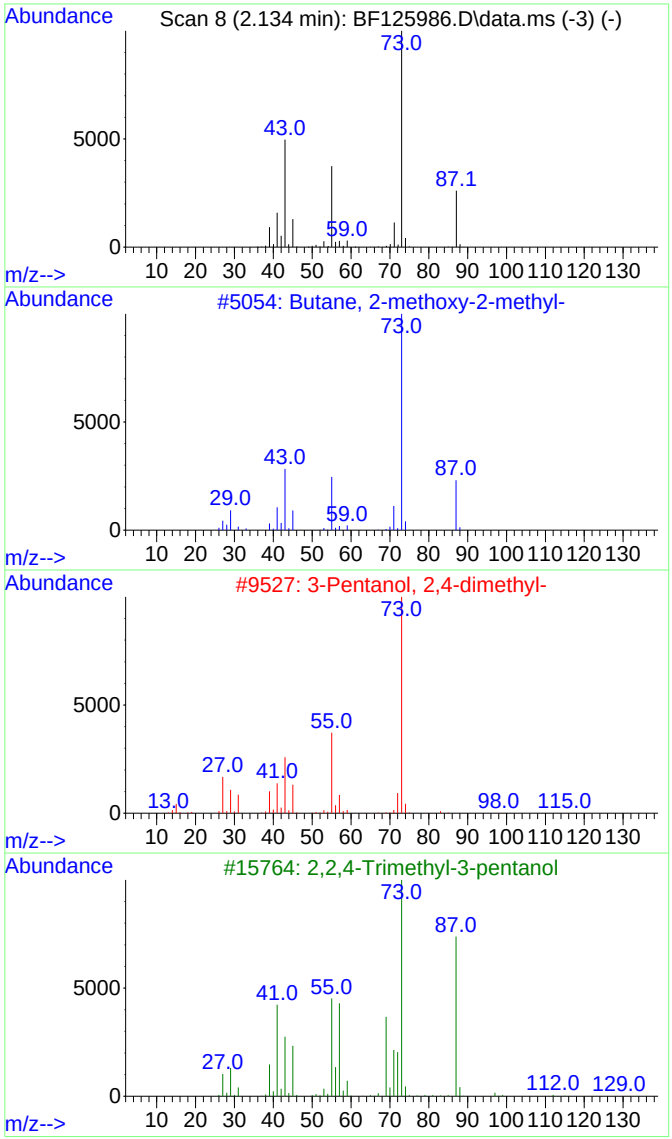
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

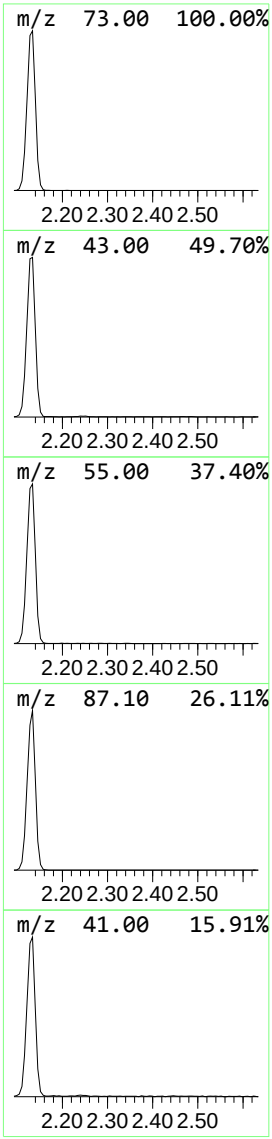
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.134	63.07 ng	3447010	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125986.D
Acq On : 28 Oct 2021 13:40
Operator : JU/CG
Sample : M4373-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-102621

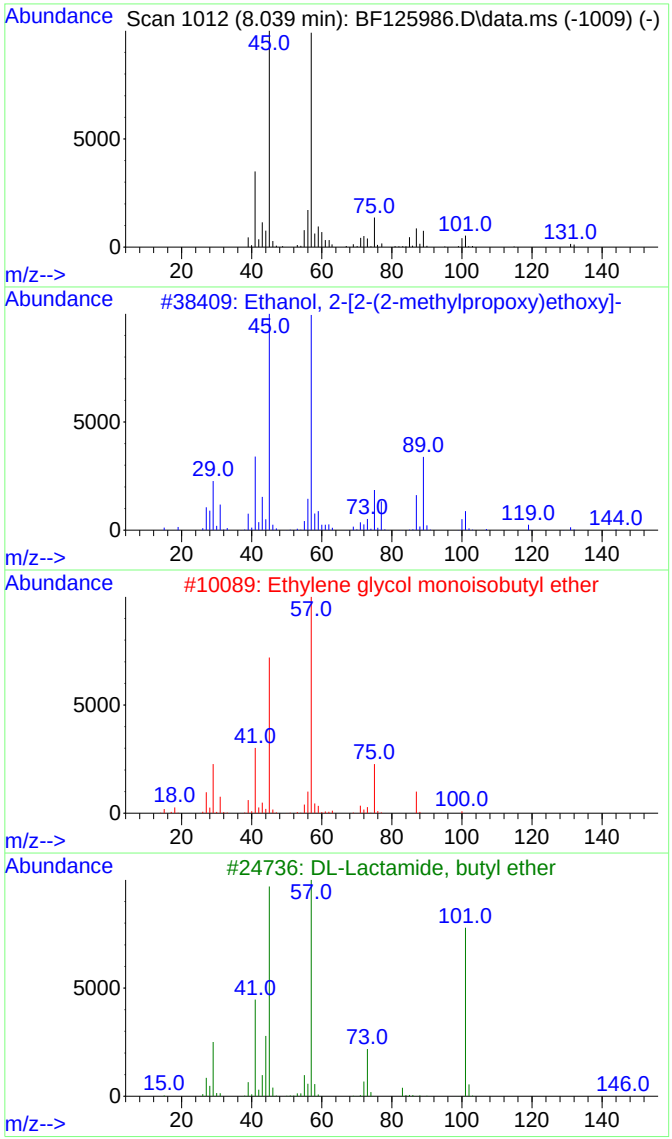
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

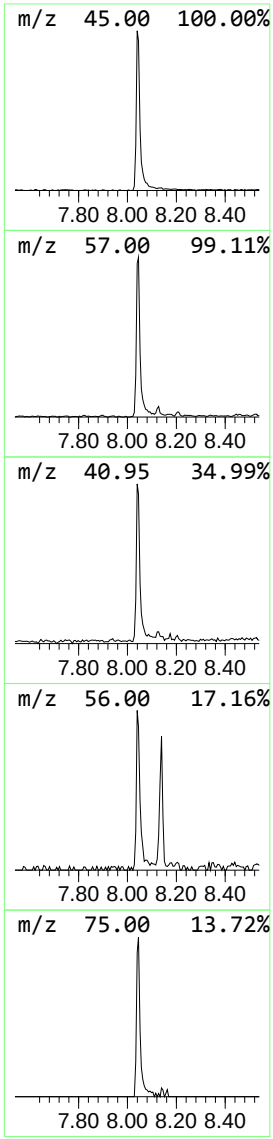
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-[2-(2-methylprop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.039	6.57 ng	461689	Naphthalene-d8	8.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	64
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
3	DL-Lactamide, butyl ether	145	C7H15NO2	1000452-56-5	53
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	50
5	2-Heptanol, 3-methyl-	130	C8H18O	031367-46-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125986.D
Acq On : 28 Oct 2021 13:40
Operator : JU/CG
Sample : M4373-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-102621

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

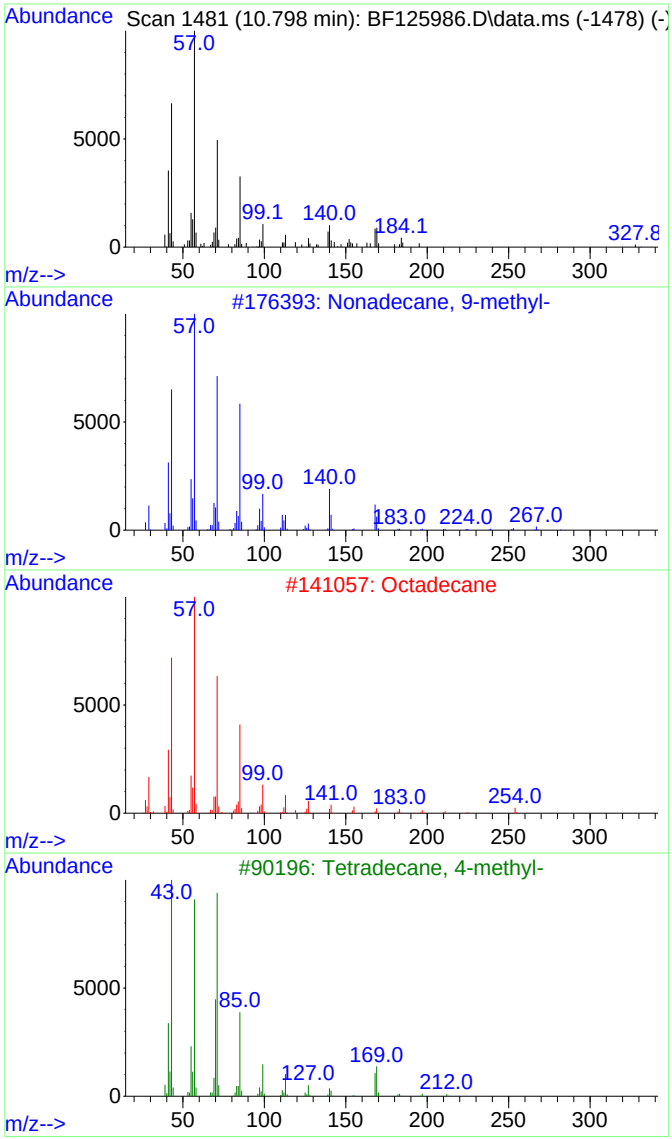
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

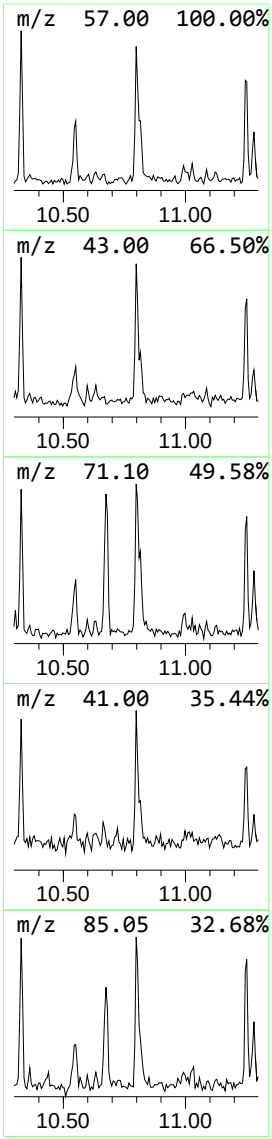
****

Peak Number 3 Nonadecane, 9-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.798	2.04 ng	142201	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86
2	Octadecane	254	C18H38	000593-45-3	72
3	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	72
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
5	Hexadecane	226	C16H34	000544-76-3	64





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Sample : M4373-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-102621

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

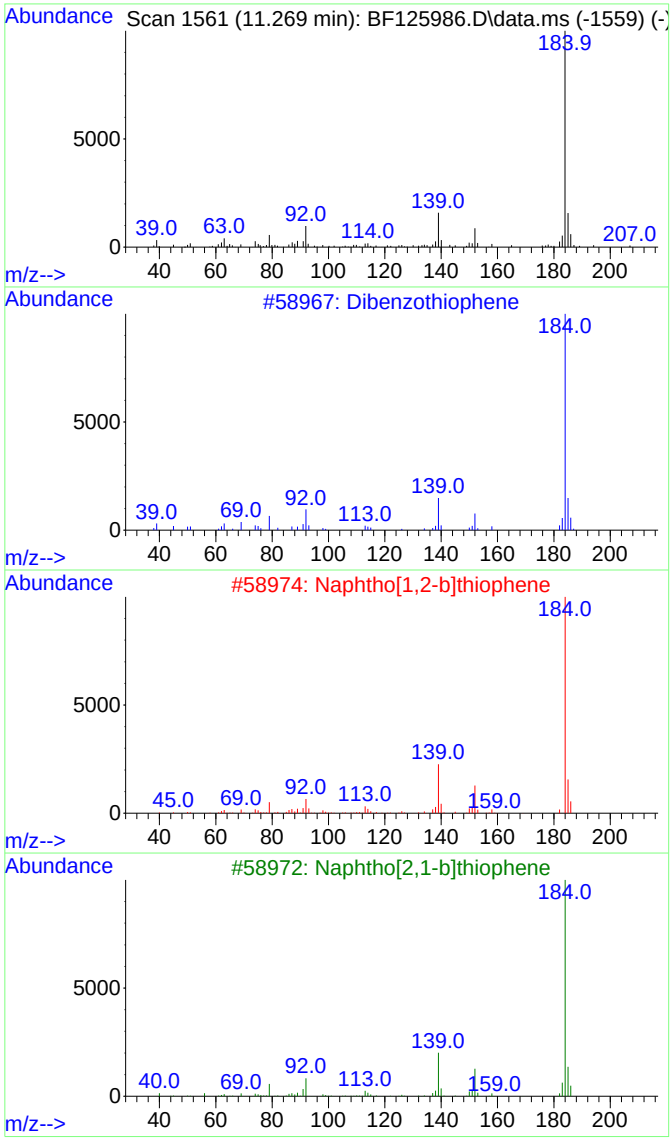
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

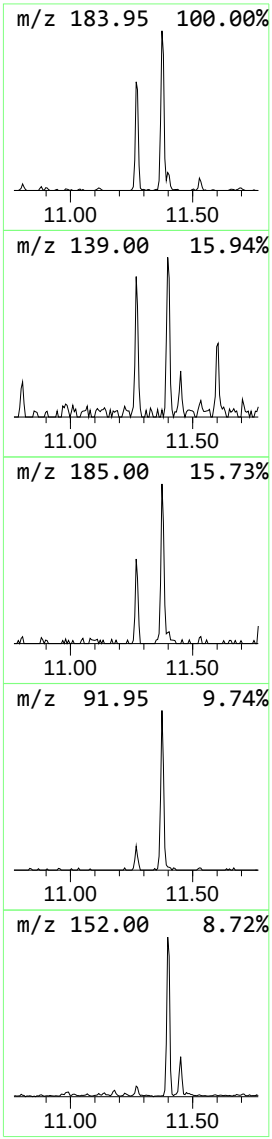
****

Peak Number 4 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.269	2.40 ng	167334	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125986.D
Acq On : 28 Oct 2021 13:40
Operator : JU/CG
Sample : M4373-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-102621

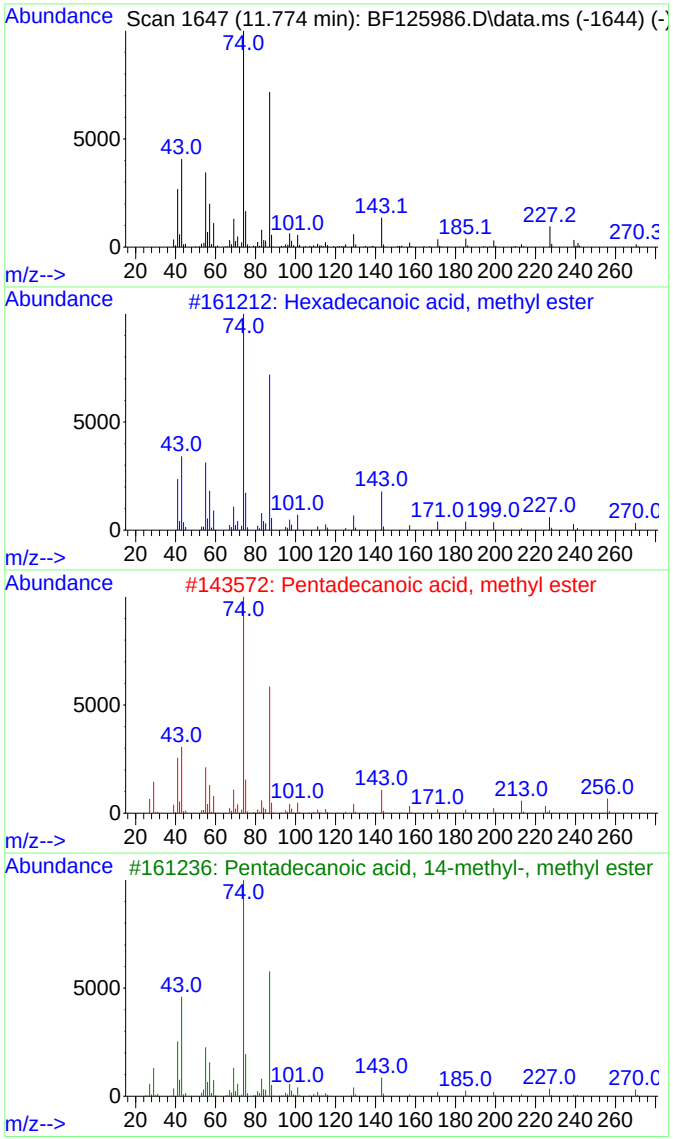
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

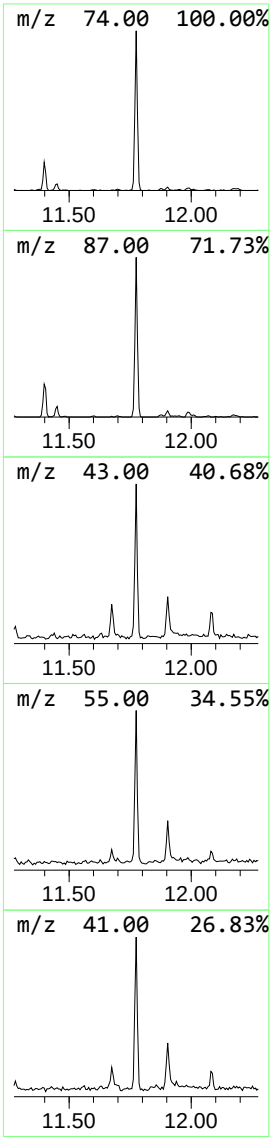
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.774	7.61 ng	530111	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	86





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Operator : JU/CG
Sample : M4373-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-01-102621

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

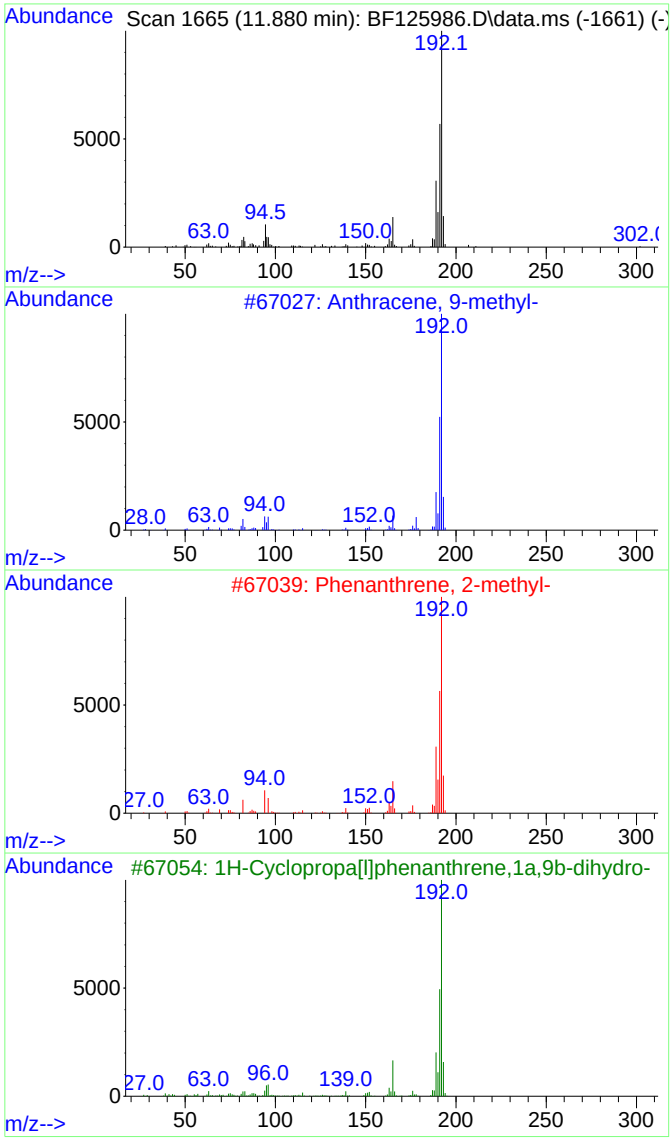
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

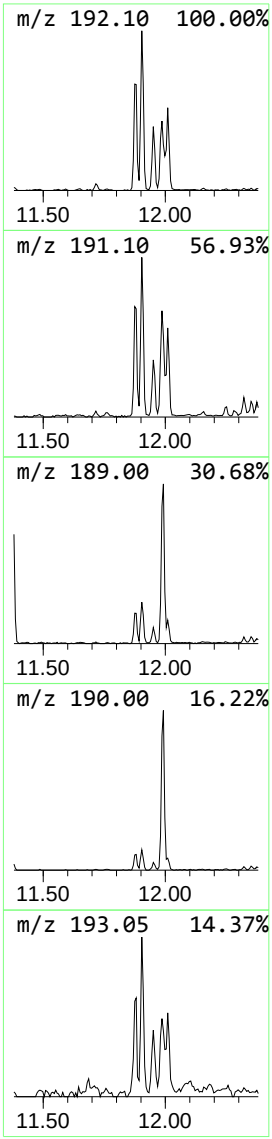
****

Peak Number 6 Anthracene, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	3.13 ng	217709	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





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Sample : M4373-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-102621

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

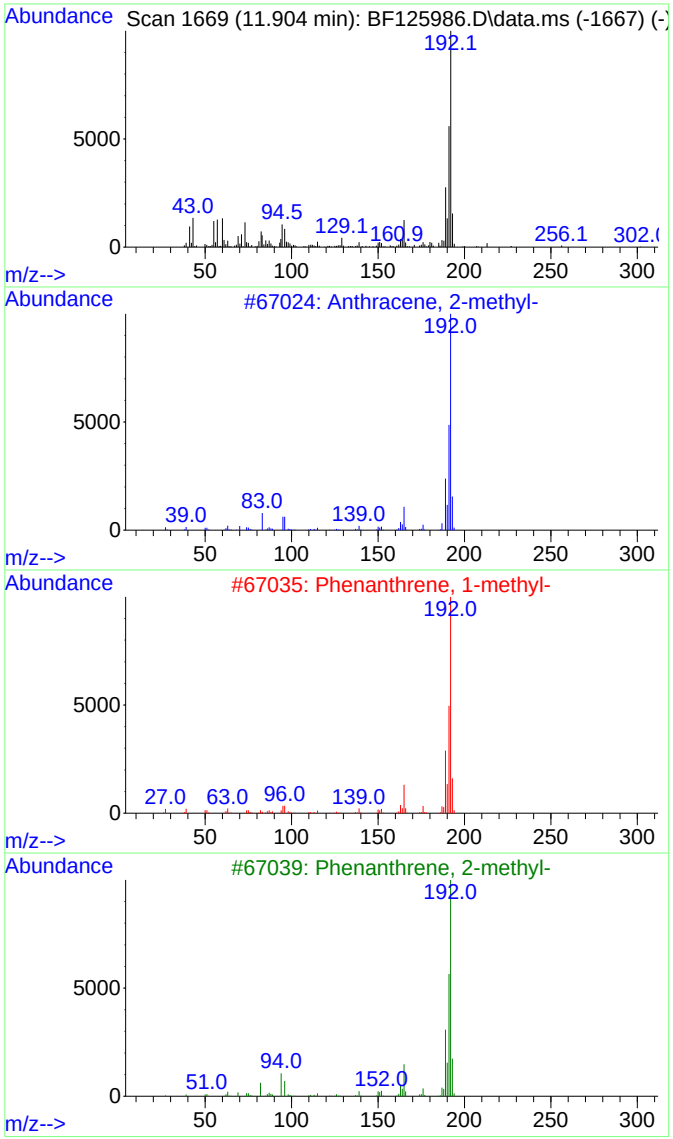
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

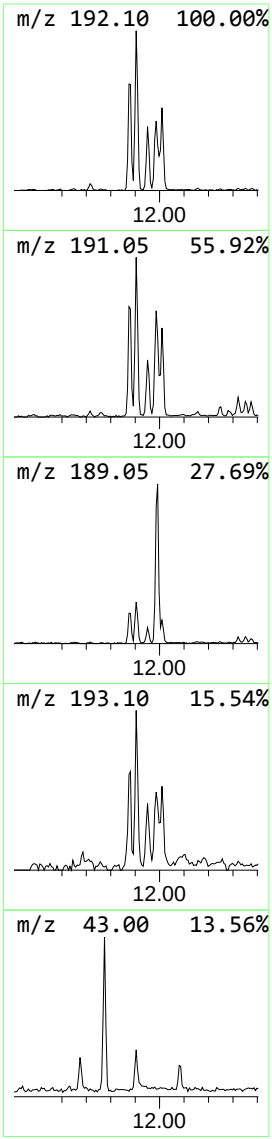
****

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	5.71 ng	397773	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-102621

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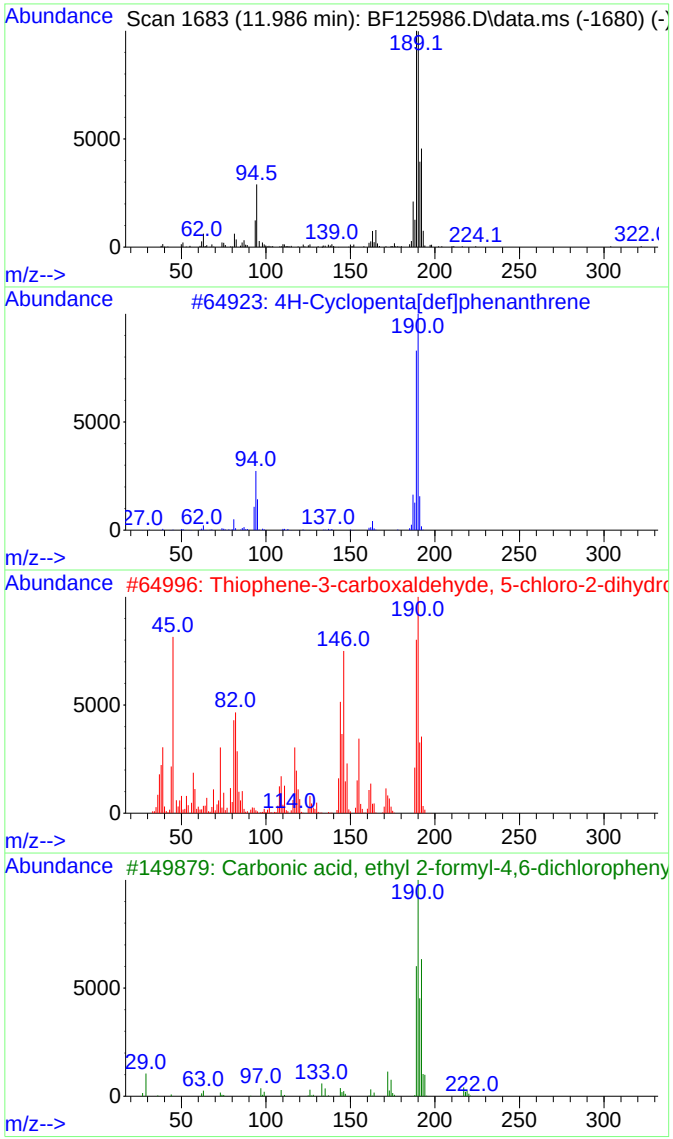
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

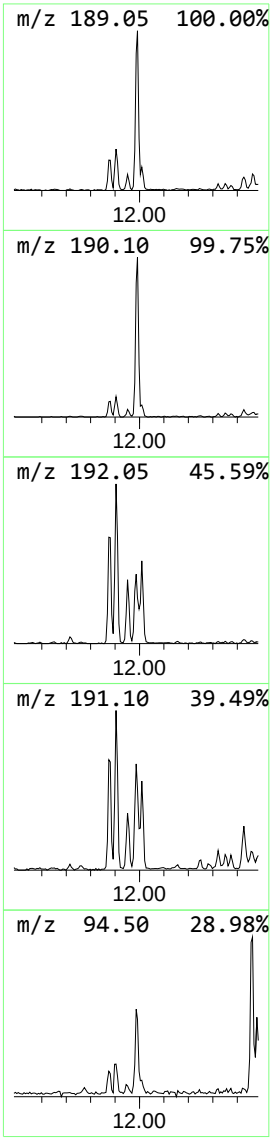
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.986	6.94 ng	483705	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	32
5	Carbonic acid, butyl 2-formyl-4,...	290	C12H12Cl2O4	1000331-42-2	17





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

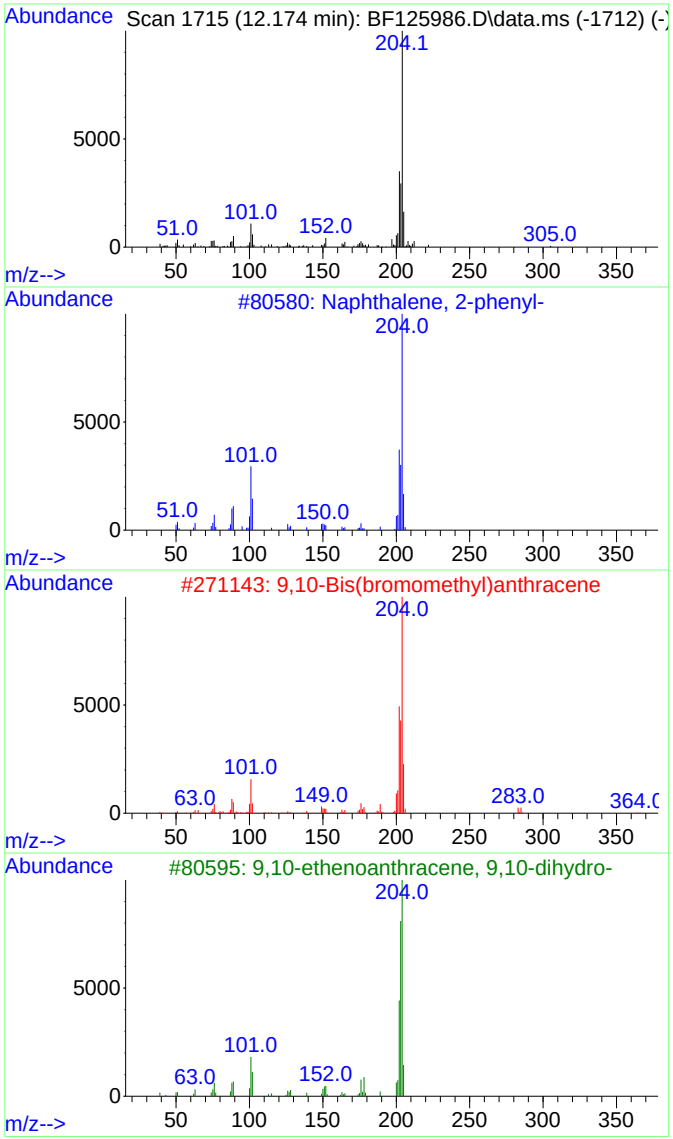
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

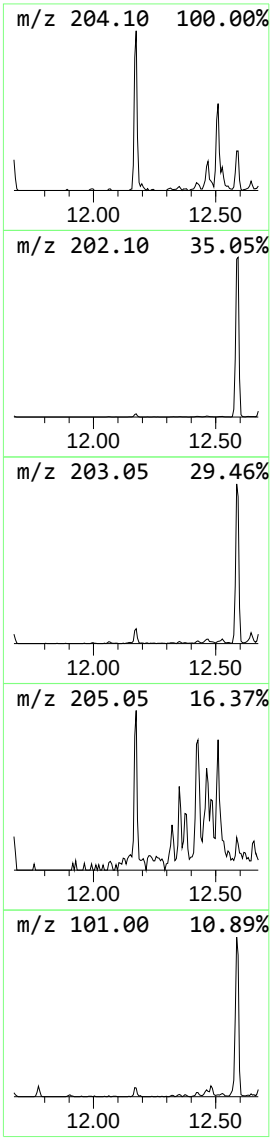
****

Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.174	2.16 ng	150778	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
3	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	53
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
SU-01-102621

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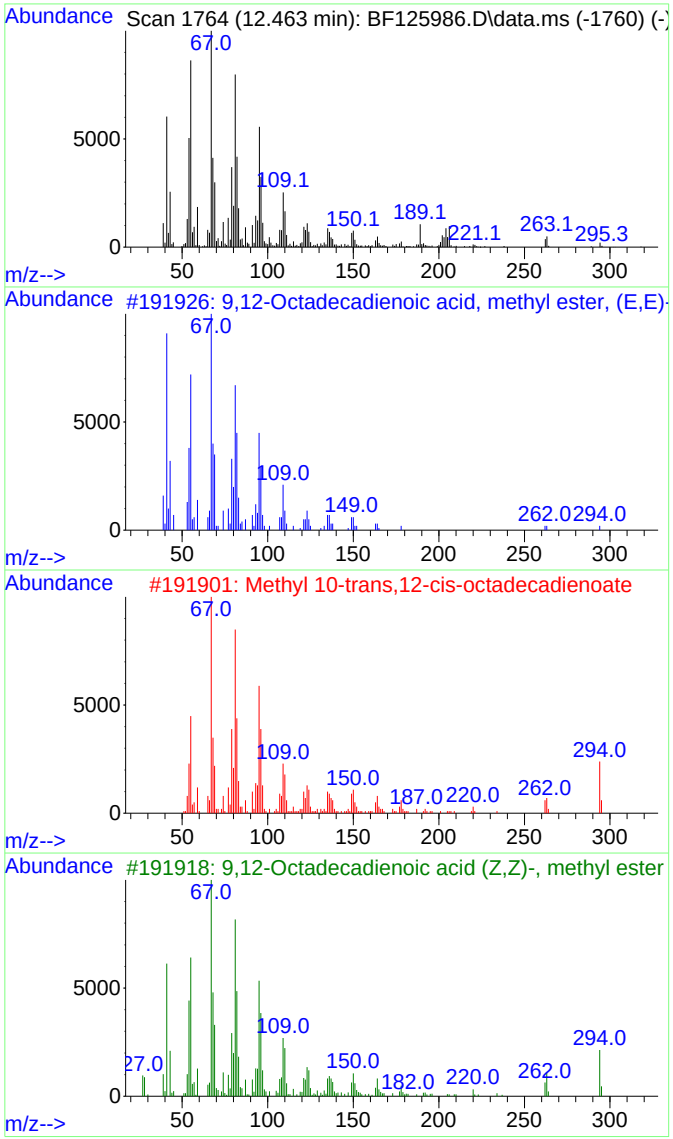
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

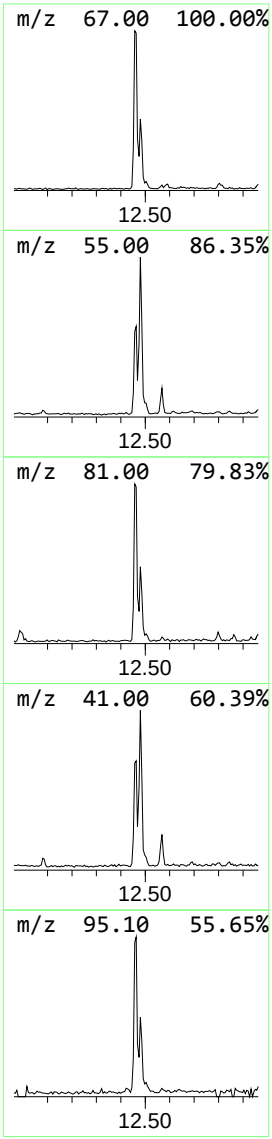
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	13.73 ng	956647	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
4	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	95
5	Linoelaidic acid	280	C18H32O2	000506-21-8	95





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Sample : M4373-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-102621

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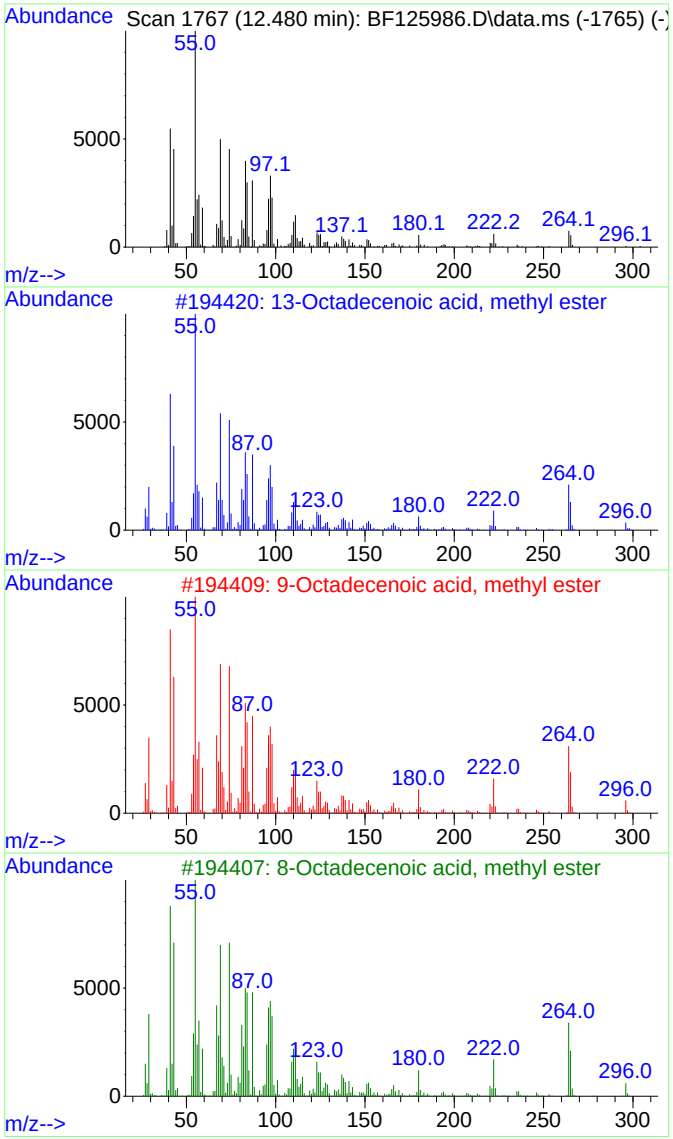
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

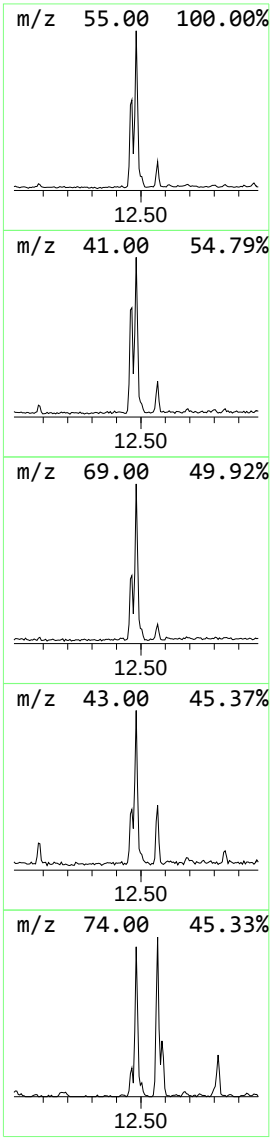
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 13-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	15.74 ng	1096310	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	94
2	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	94
3	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	93
4	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	91
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	91





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Operator : JU/CG
Sample : M4373-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-01-102621

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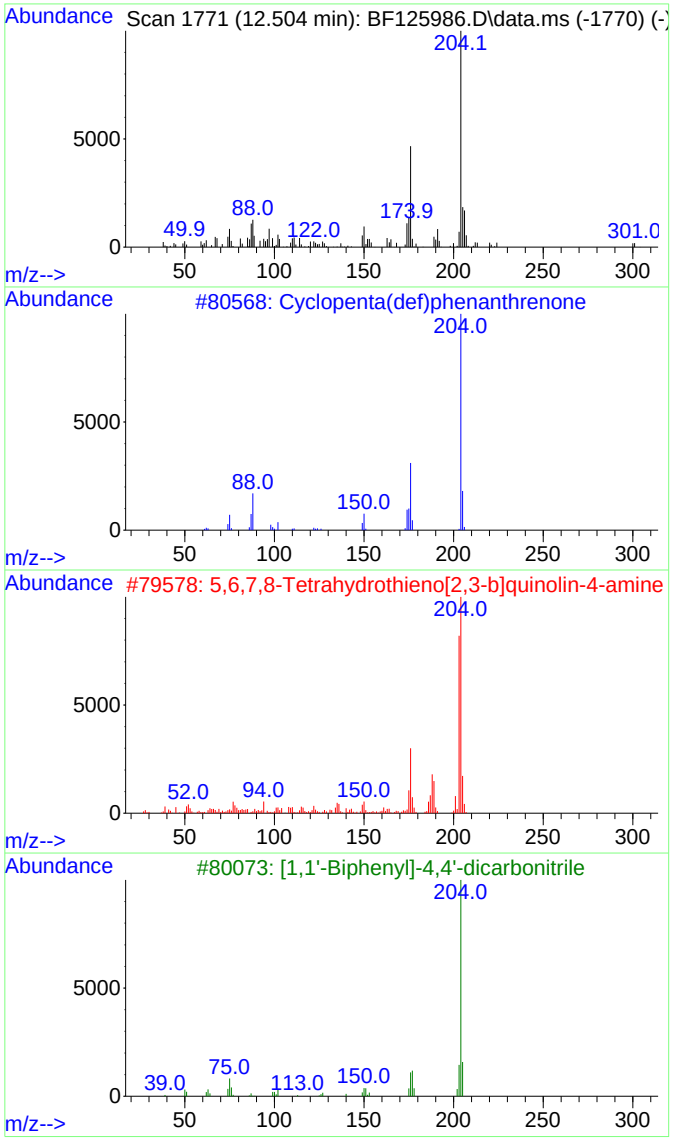
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

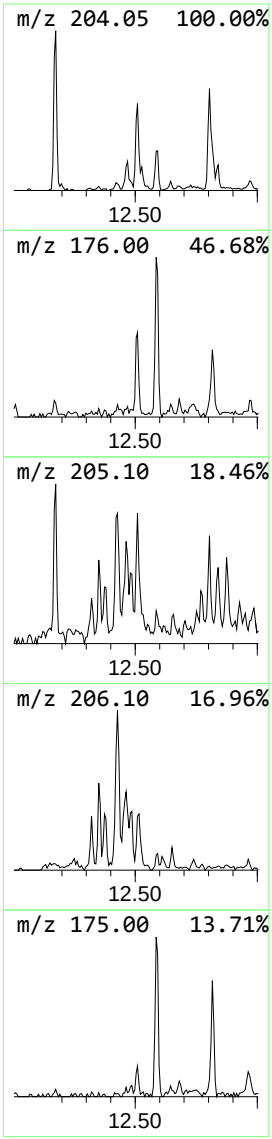
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.504	2.46 ng	171076	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	81
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4	4-Formyl-7-methoxycoumarin	204	C11H8O4	1000429-03-0	47
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	47





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Operator : JU/CG
Sample : M4373-01
Misc :
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Instrument : BNA_F
ClientSampleId : SU-01-102621

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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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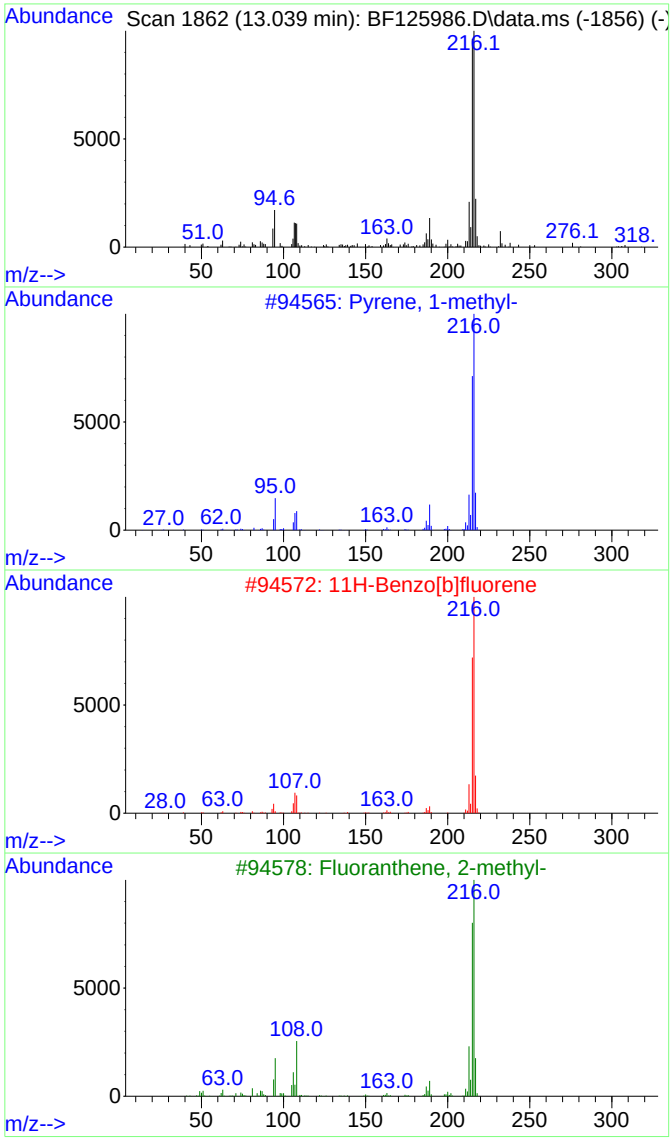
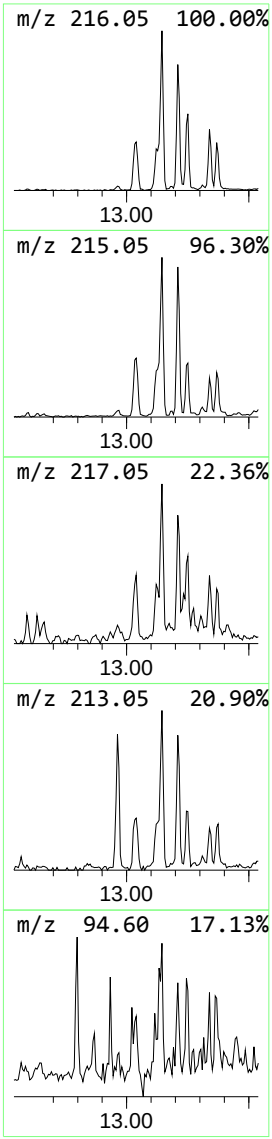
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.039	2.13 ng	240780	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68





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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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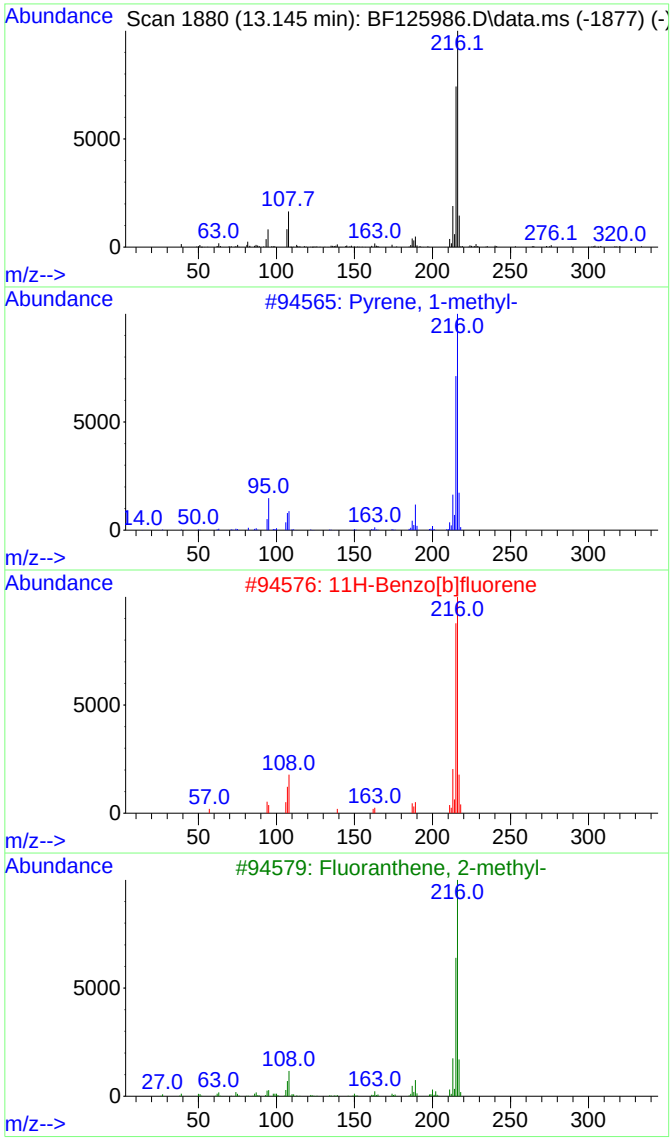
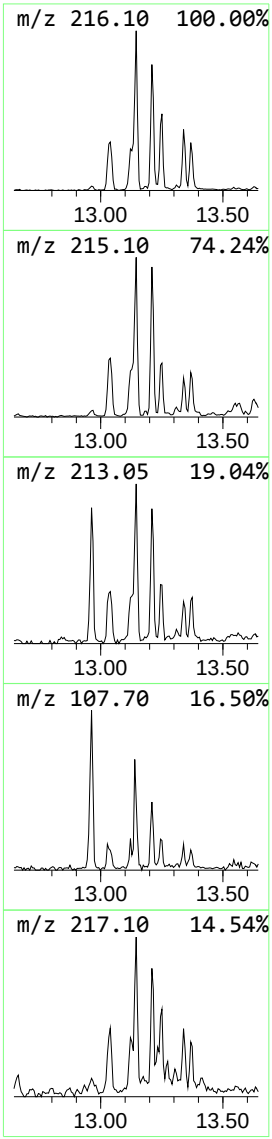
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.145	2.93 ng	331718	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





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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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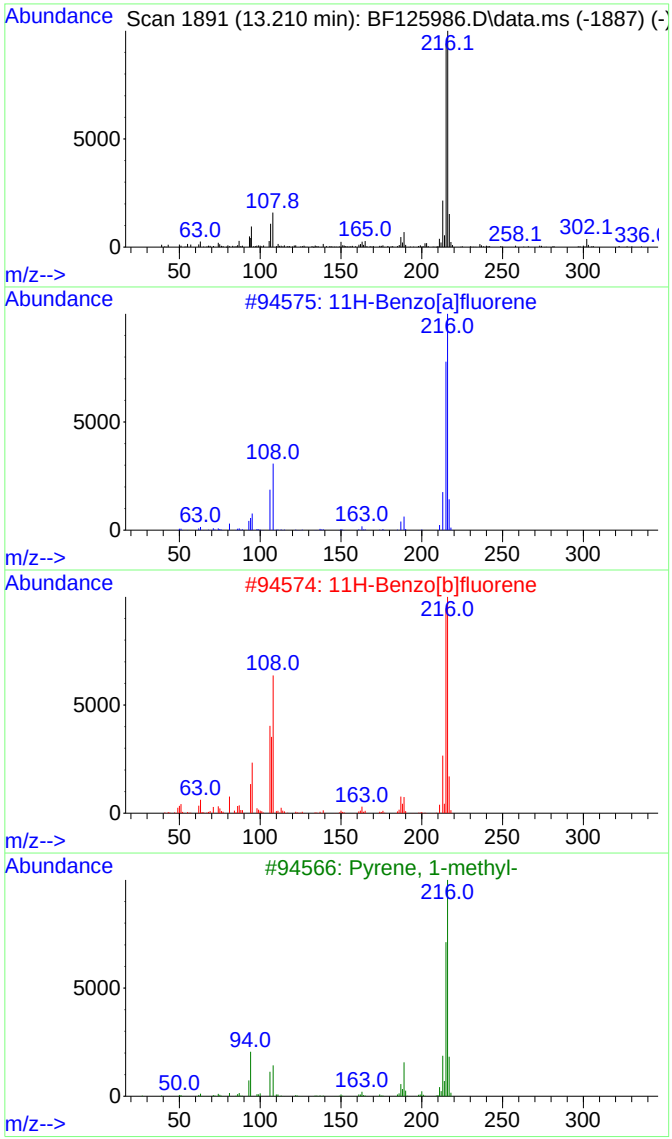
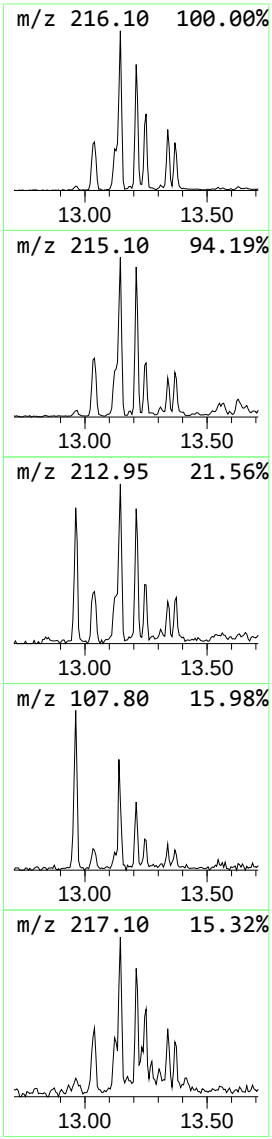
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	2.80 ng	316902	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60





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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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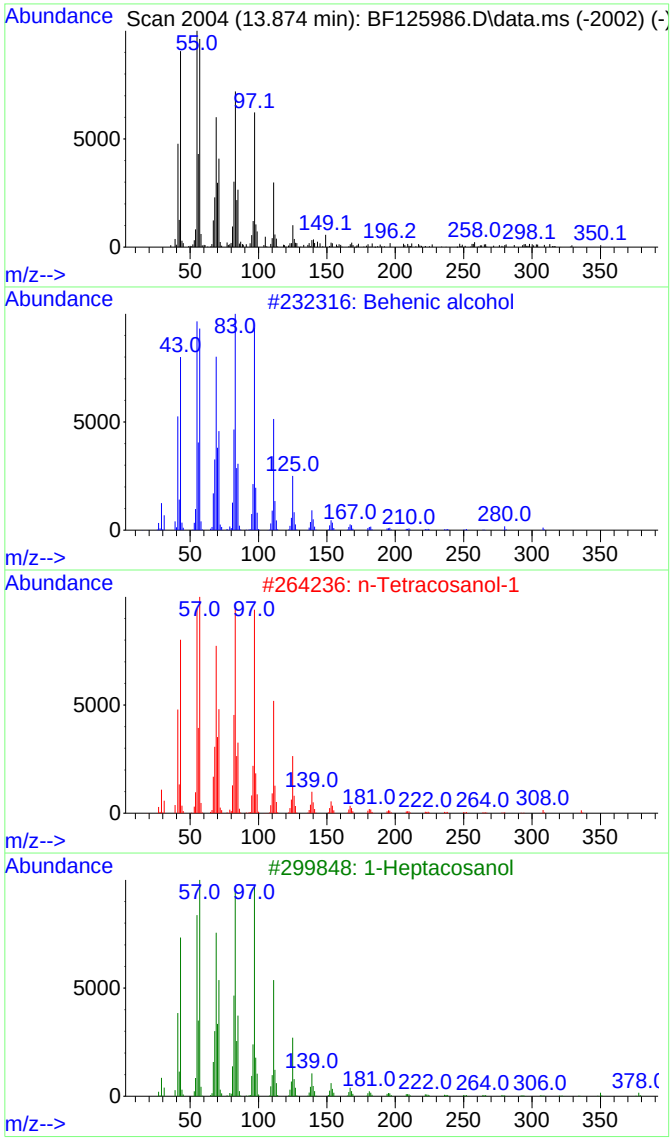
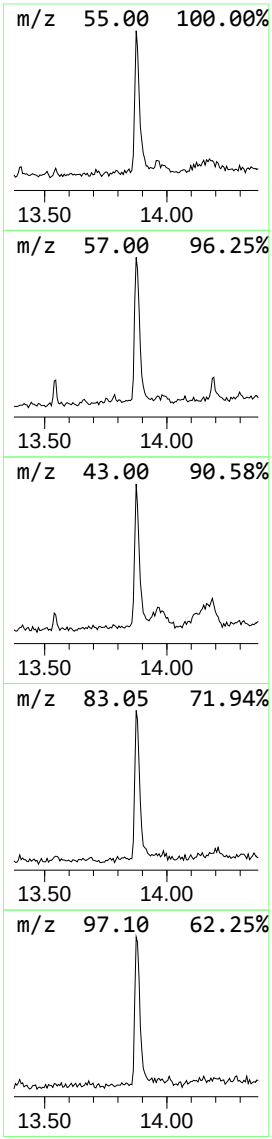
Peak Number 17 Behenic alcohol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	5.34 ng	603155	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	91
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	1-Heptacosanol	396	C27H56O	002004-39-9	91
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
5	1-Tricosanol	340	C23H48O	003133-01-5	91





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Sample : M4373-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-102621

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

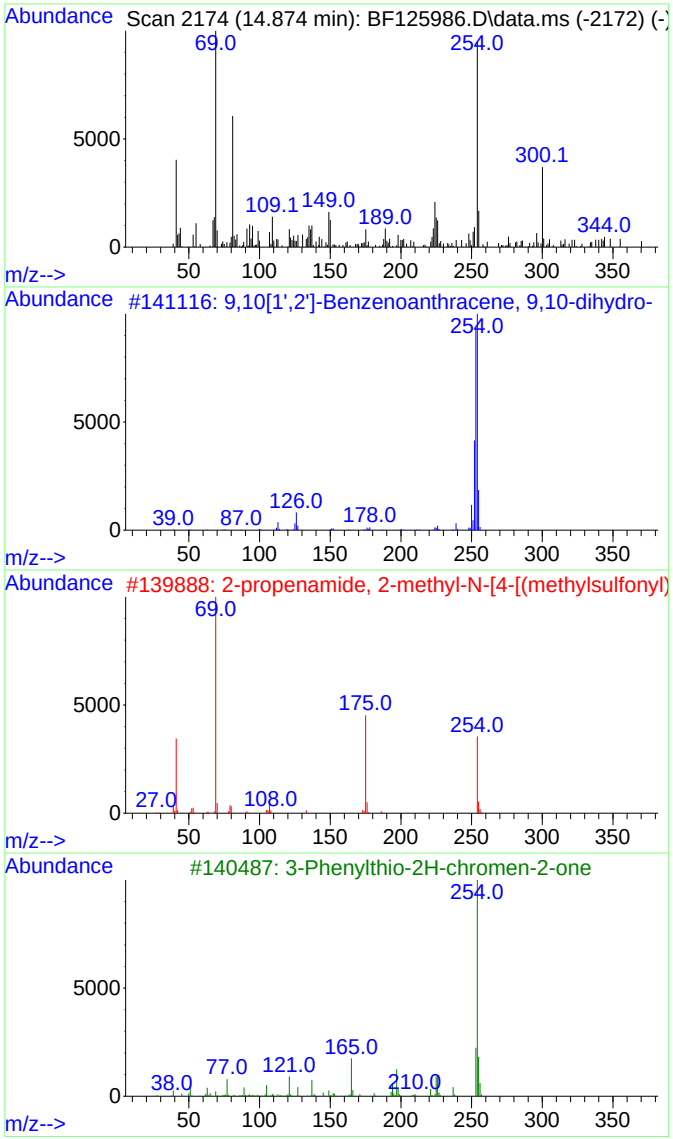
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

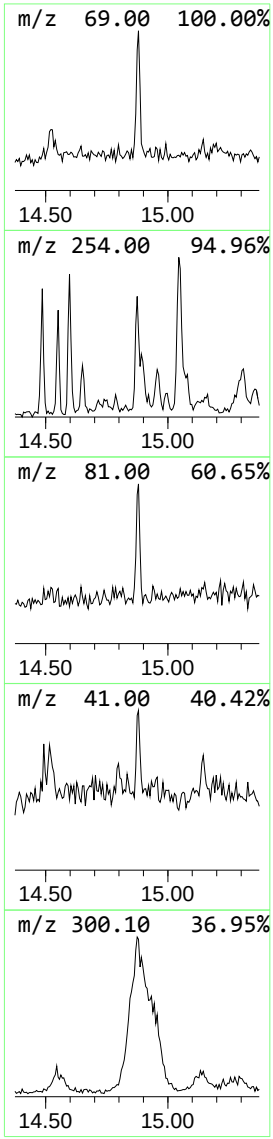
****

Peak Number 18 unknown15.874 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.874	2.01 ng	102090	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	43
2	2-propenamide, 2-methyl-N-[4-[(m...	254	C11H14N2O3S	1000401-43-5	40
3	3-Phenylthio-2H-chromen-2-one	254	C15H10O2S	072167-95-4	30
4	5,8-Dimethoxy-1,4-dihydro-2,3-qu...	254	C10H10N2O2S2	001790-96-1	27
5	9,10[1',4']-Benzenoanthracene, 9...	254	C20H14	1000487-02-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125986.D
Acq On : 28 Oct 2021 13:40
Operator : JU/CG
Sample : M4373-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-102621

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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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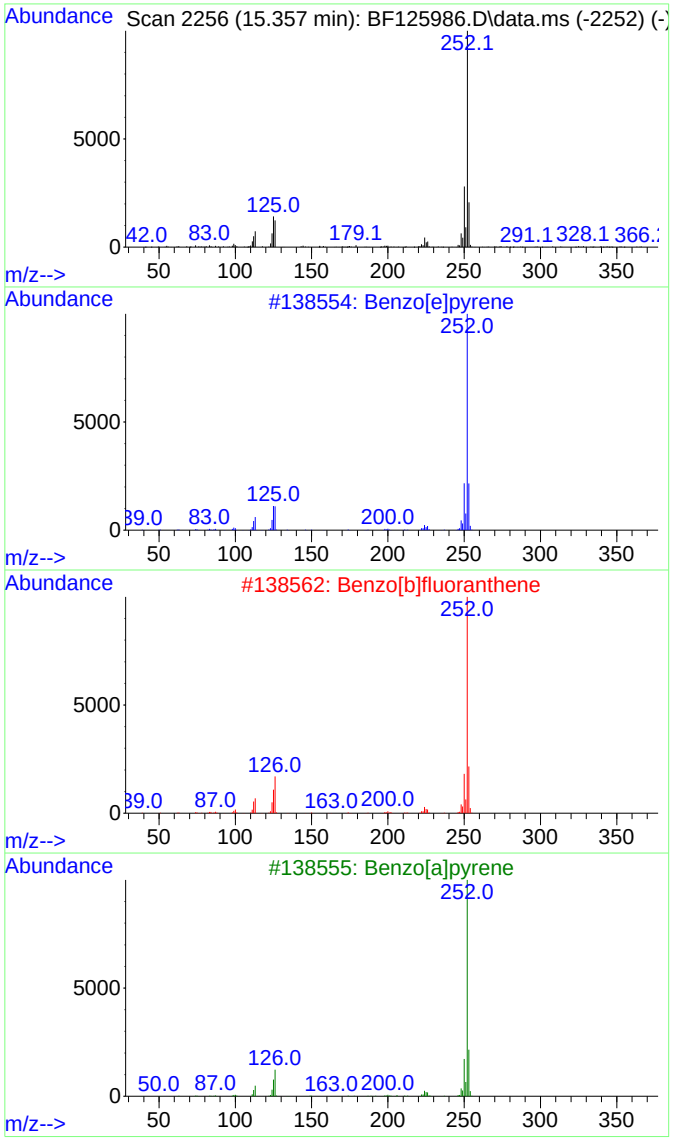
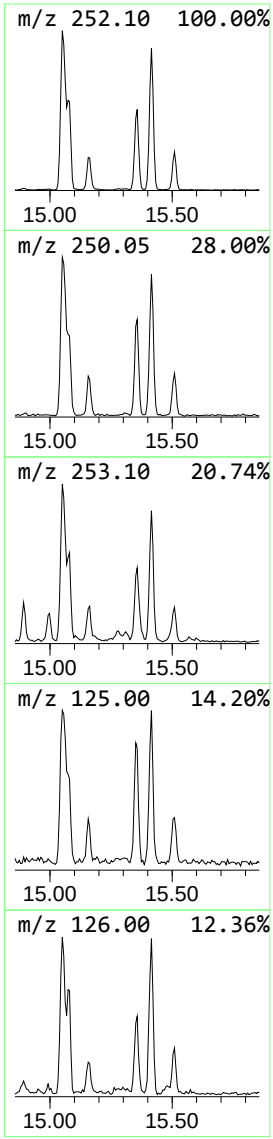
Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.357	9.55 ng	485351	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125986.D
Acq On : 28 Oct 2021 13:40
Operator : JU/CG
Sample : M4373-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-102621

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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
Butane, 2-metho...	2.134	63.1	ng	3447010	1	6.857	1093030	20.0
Ethanol, 2-[2-(...	8.039	6.6	ng	461689	2	8.139	1405750	20.0
Nonadecane, 9-m...	10.798	2.0	ng	142201	4	11.374	1393210	20.0
Dibenzothiophene	11.269	2.4	ng	167334	4	11.374	1393210	20.0
Hexadecanoic ac...	11.774	7.6	ng	530111	4	11.374	1393210	20.0
Anthracene, 9-m...	11.880	3.1	ng	217709	4	11.374	1393210	20.0
Anthracene, 2-m...	11.904	5.7	ng	397773	4	11.374	1393210	20.0
4H-Cyclopenta[d...	11.986	6.9	ng	483705	4	11.374	1393210	20.0
Naphthalene, 2-...	12.174	2.2	ng	150778	4	11.374	1393210	20.0
9,12-Octadecadi...	12.463	13.7	ng	956647	4	11.374	1393210	20.0
13-Octadecenoic...	12.480	15.7	ng	1096310	4	11.374	1393210	20.0
Cyclopenta(def)...	12.504	2.5	ng	171076	4	11.374	1393210	20.0
Pyrene, 1-methyl-	13.039	2.1	ng	240780	5	14.015	2260630	20.0
11H-Benzo[b]flu...	13.145	2.9	ng	331718	5	14.015	2260630	20.0
11H-Benzo[a]flu...	13.210	2.8	ng	316902	5	14.015	2260630	20.0
Behenic alcohol	13.874	5.3	ng	603155	5	14.015	2260630	20.0
unknown15.874	14.874	2.0	ng	102090	6	15.480	1015960	20.0
Benzo[e]pyrene	15.357	9.6	ng	485351	6	15.480	1015960	20.0