LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
Data File : BF125215.D
Acq On : 25 Aug 2021 18:06
Operator : JU/CG
Sample : M3467-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-6-(203.30)

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-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125215.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.216	17	22	30	rBV	628097	823747	27.63%	1.847%
2	4.022	325	329	334	rVB	29879	39304	1.32%	0.088%
3	5.134	513	518	525	rVB	274774	325347	10.91%	0.729%
4	5.534	581	586	589	rBV	2825534	2647892	88.81%	5.936%
5	6.534	751	756	759	rBV	3328824	2981369	100.00%	6.683%
6	6.916	817	821	824	rVB	1396085	1182579	39.67%	2.651%
7	7.175	862	865	871	rBV	49186	60009	2.01%	0.135%
8	7.475	911	916	919	rBV	2391538	2121944	71.17%	4.757%
9	8.098	1019	1022	1028	rBV2	45223	84033	2.82%	0.188%
10	8.198	1035	1039	1041	rBV	1136548	1036788	34.78%	2.324%
11	9.269	1217	1221	1224	rBV	2586781	2085121	69.94%	4.674%
12	9.657	1285	1287	1294	rBV	71793	70417	2.36%	0.158%
13	9.810	1310	1313	1320	rBV	244229	205290	6.89%	0.460%
14	9.951	1333	1337	1340	rBV	1304264	1057606	35.47%	2.371%
15	10.151	1365	1371	1374	rBV	40221	37902	1.27%	0.085%
16	10.733	1466	1470	1474	rBV	1470769	1310922	43.97%	2.939%
17	10.863	1487	1492	1495	rBV3	35021	39734	1.33%	0.089%
18	11.045	1517	1523	1526	rBV6	25506	55880	1.87%	0.125%
19	11.198	1546	1549	1553	rVB2	34324	40605	1.36%	0.091%
20	11.239	1553	1556	1560	rBV	87122	74740	2.51%	0.168%
21	11.292	1561	1565	1567	rBV4	38863	36524	1.23%	0.082%
22	11.333	1570	1572	1577	rVB2	36522	35326	1.18%	0.079%
23	11.433	1586	1589	1592	rBV	1574890	1438054	48.23%	3.224%
24	11.457	1592	1593	1597	rVV	388666	271421	9.10%	0.608%
25	11.510	1599	1602	1605	rVV	355055	282056	9.46%	0.632%
26	11.539	1605	1607	1611	rVB2	45592	48955	1.64%	0.110%
27	11.663	1622	1628	1634	rBV	245126	279968	9.39%	0.628%
28	11.727	1636	1639	1643	rVV2	37084	56287	1.89%	0.126%
29	11.821	1652	1655	1658	rBV4	37478	37217	1.25%	0.083%
30	11.951	1671	1677	1683	rBV2	255864	437725	14.68%	0.981%
31	11.998	1683	1685	1686	rBV2	44571	41248	1.38%	0.092%
32	12.010	1686	1687	1690	rVB	64276	49625	1.66%	0.111%
33	12.045	1690	1693	1696	rBV2	122484	158644	5.32%	0.356%
34	12.121	1701	1706	1707	rBV3	46220	66067	2.22%	0.148%
35	12.168	1711	1714	1716	rVB2	53953	46690	1.57%	0.105%
36	12.233	1722	1725	1727	rBV	93651	83556	2.80%	0.187%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
Data File : BF125215.D
Acq On : 25 Aug 2021 18:06
Operator : JU/CG
Sample : M3467-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-6-(203.30)

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-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.257	1727	1729	1732	rVB	198926	160407	5.38%	0.360%
38	12.380	1745	1750	1753	rBV2	69543	77881	2.61%	0.175%
39	12.410	1753	1755	1758	rVV	85893	77130	2.59%	0.173%
40	12.439	1758	1760	1762	rVB	56677	41918	1.41%	0.094%
41	12.486	1762	1768	1771	rBV	174106	197502	6.62%	0.443%
42	12.521	1771	1774	1776	rVV2	82676	99228	3.33%	0.222%
43	12.545	1776	1778	1780	rVV	61747	49865	1.67%	0.112%
44	12.574	1780	1783	1790	rVV	178530	193766	6.50%	0.434%
45	12.651	1792	1796	1800	rVV	2377277	1986942	66.65%	4.454%
46	12.692	1800	1803	1805	rVV	57434	59053	1.98%	0.132%
47	12.739	1809	1811	1814	rVV2	182444	179945	6.04%	0.403%
48	12.774	1814	1817	1820	rVB2	45938	50426	1.69%	0.113%
49	12.880	1829	1835	1840	rBV	1488025	1590583	53.35%	3.566%
50	12.927	1840	1843	1848	rVB2	89746	113895	3.82%	0.255%
51	12.998	1851	1855	1856	rBV	112533	118809	3.99%	0.266%
52	13.021	1856	1859	1866	rVB	1800254	1649461	55.33%	3.698%
53	13.092	1867	1871	1875	rBV3	177331	259522	8.70%	0.582%
54	13.180	1883	1886	1888	rBV2	153472	184138	6.18%	0.413%
55	13.204	1888	1890	1894	rVB	197424	190694	6.40%	0.427%
56	13.239	1894	1896	1899	rBV3	31127	42217	1.42%	0.095%
57	13.274	1899	1902	1904	rVB	107306	92268	3.09%	0.207%
58	13.310	1904	1908	1911	rBV2	260027	299371	10.04%	0.671%
59	13.339	1911	1913	1915	rVB	78571	61032	2.05%	0.137%
60	13.368	1915	1918	1921	rBV2	60995	56394	1.89%	0.126%
61	13.404	1921	1924	1927	rBV	136316	108789	3.65%	0.244%
62	13.433	1927	1929	1932	rBV2	96167	97615	3.27%	0.219%
63	13.586	1952	1955	1957	rBV2	81658	111292	3.73%	0.249%
64	13.657	1965	1967	1969	rVB2	51694	35288	1.18%	0.079%
65	13.715	1973	1977	1981	rVB	351466	365878	12.27%	0.820%
66	13.821	1991	1995	1999	rBV2	234741	353765	11.87%	0.793%
67	13.857	1999	2001	2003	rVV	249133	224091	7.52%	0.502%
68	13.880	2003	2005	2008	rVV2	223017	234968	7.88%	0.527%
69	13.921	2009	2012	2014	rVB	306857	260078	8.72%	0.583%
70	13.968	2018	2020	2022	rBV	77801	62734	2.10%	0.141%
71	14.074	2031	2038	2041	rBV2	1384565	2378736	79.79%	5.332%
72	14.104	2041	2043	2049	rVB	1191654	1188460	39.86%	2.664%
73	14.186	2055	2057	2058	rBV	102438	71144	2.39%	0.159%
74	14.204	2058	2060	2063	rVB3	109892	88827	2.98%	0.199%
75	14.292	2072	2075	2080	rBV2	125084	181123	6.08%	0.406%
76	14.333	2080	2082	2084	rVV3	102390	78491	2.63%	0.176%

LSC Area Percent Report

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Acq On : 25 Aug 2021 18:06
Operator : JU/CG
Sample : M3467-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-6-(203.30)

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.427	2096	2098	2100	rBV2	98197	95703	3.21%	0.215%
78	14.462	2100	2104	2107	rVV	296988	367791	12.34%	0.824%
79	14.504	2107	2111	2114	rVB2	286077	315078	10.57%	0.706%
80	14.592	2123	2126	2128	rBV	204267	200249	6.72%	0.449%
81	14.615	2128	2130	2133	rVV2	123901	116943	3.92%	0.262%
82	14.662	2136	2138	2143	rVB2	120762	128097	4.30%	0.287%
83	14.774	2154	2157	2160	rBV	173928	155902	5.23%	0.349%
84	14.957	2185	2188	2193	rVB2	116226	184812	6.20%	0.414%
85	15.045	2199	2203	2206	rBV2	159016	204467	6.86%	0.458%
86	15.139	2213	2219	2222	rBV2	1702478	2674039	89.69%	5.994%
87	15.209	2229	2231	2234	rVB2	93681	97760	3.28%	0.219%
88	15.245	2234	2237	2243	rVB	314640	342490	11.49%	0.768%
89	15.339	2249	2253	2260	rBV3	127896	287594	9.65%	0.645%
90	15.451	2267	2272	2278	rVB	979350	1342300	45.02%	3.009%
91	15.515	2278	2283	2289	rVB	816577	990619	33.23%	2.221%
92	15.580	2289	2294	2297	rBV	839708	1090582	36.58%	2.445%
93	15.609	2297	2299	2305	rVB2	290657	402008	13.48%	0.901%
94	16.156	2389	2392	2394	rBV3	43862	51483	1.73%	0.115%
95	16.633	2470	2473	2477	rBV3	65464	88051	2.95%	0.197%
96	17.092	2544	2551	2557	rVV2	465007	909382	30.50%	2.039%
97	17.150	2557	2561	2573	rVB5	84756	224352	7.53%	0.503%
98	17.268	2579	2581	2587	rVB2	56985	78961	2.65%	0.177%
99	17.333	2587	2592	2600	rBV2	132601	261772	8.78%	0.587%
100	17.545	2622	2628	2638	rVB	317797	673830	22.60%	1.511%

Sum of corrected areas: 44608583

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
Data File : BF125215.D
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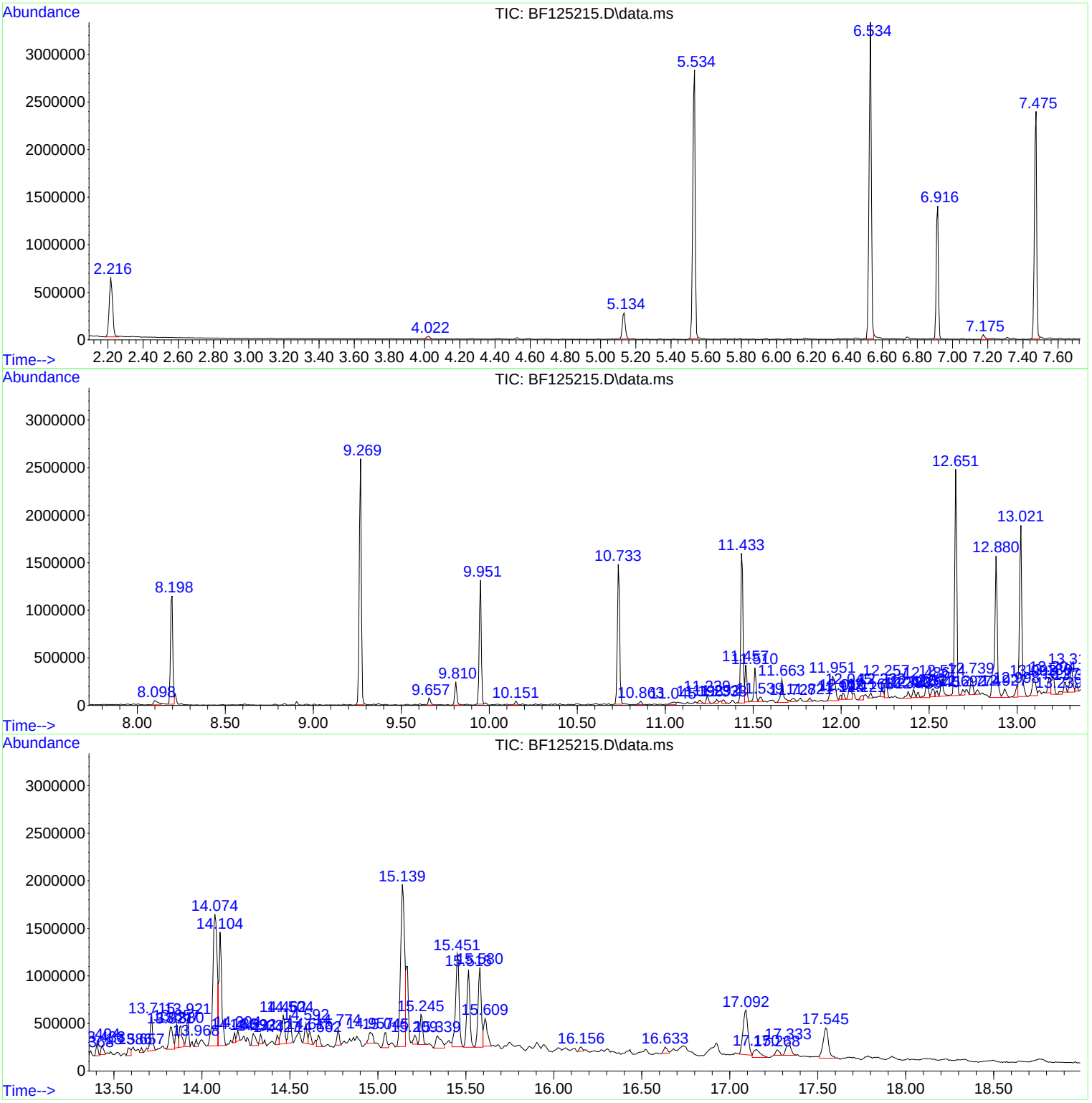
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-6-(203.30)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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\BF082521\
Data File : BF125215.D
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Misc :
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Instrument :
BNA_F
ClientSampleId :
SAMPLE-6-(203.30)

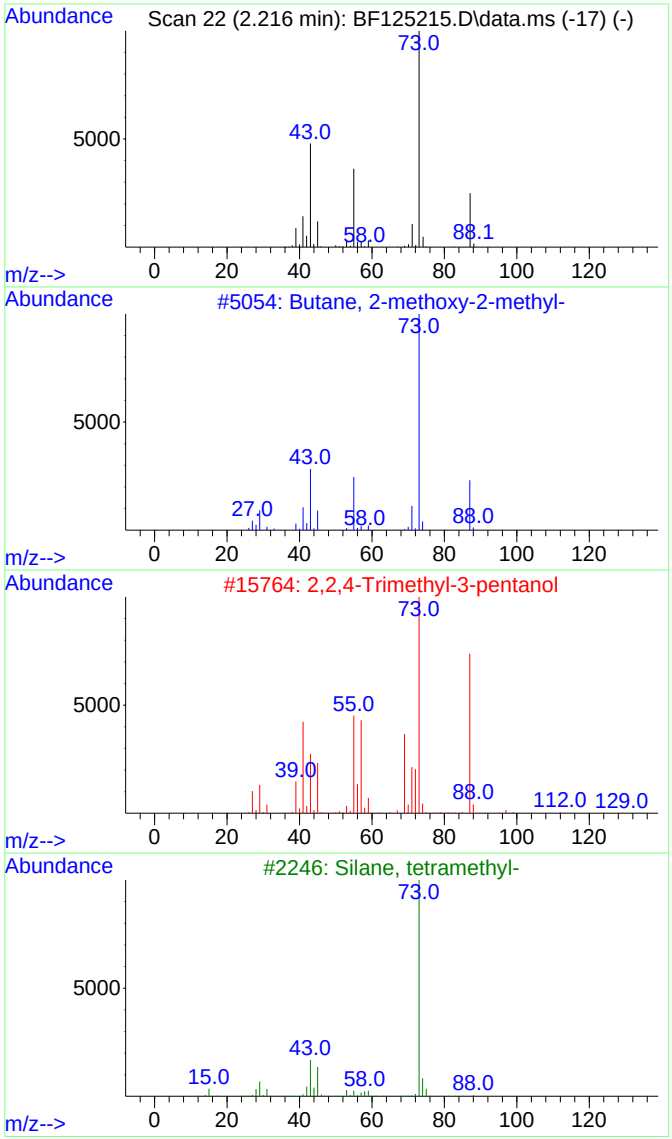
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

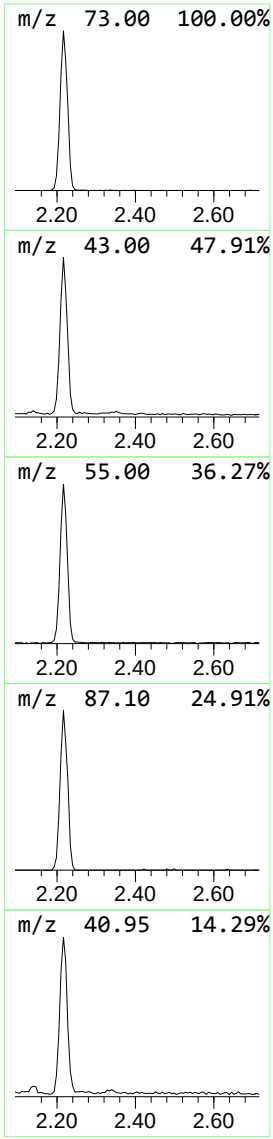
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.216	13.93 ng	823747	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
Data File : BF125215.D
Acq On : 25 Aug 2021 18:06
Operator : JU/CG
Sample : M3467-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-6-(203.30)

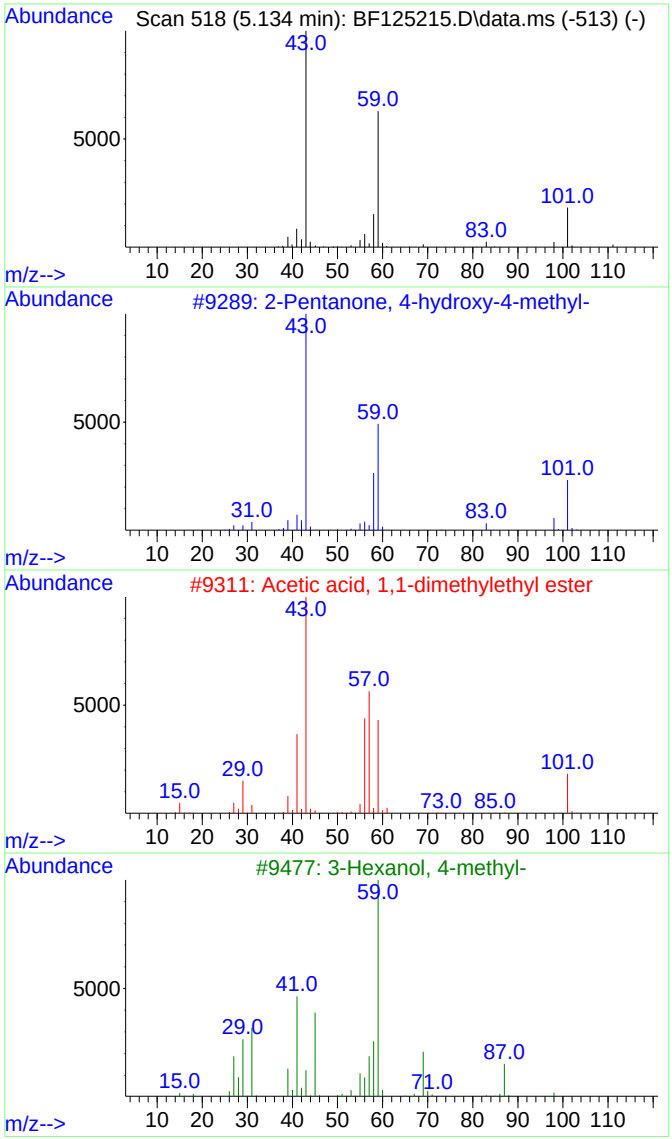
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

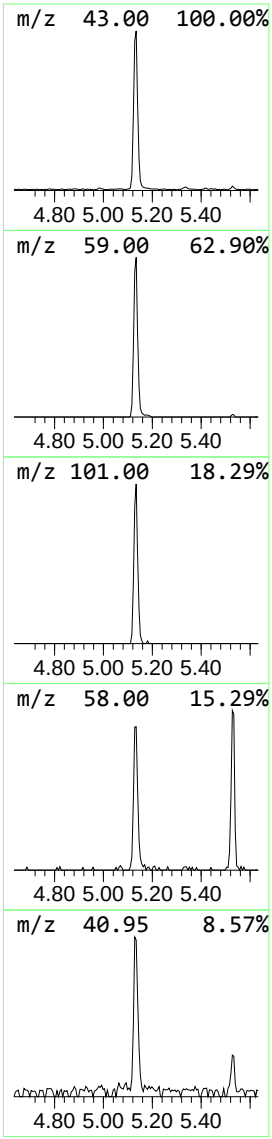
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.134	5.50 ng	325347	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
Data File : BF125215.D
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Sample : M3467-21
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Instrument : BNA_F
ClientSampleId : SAMPLE-6-(203.30)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

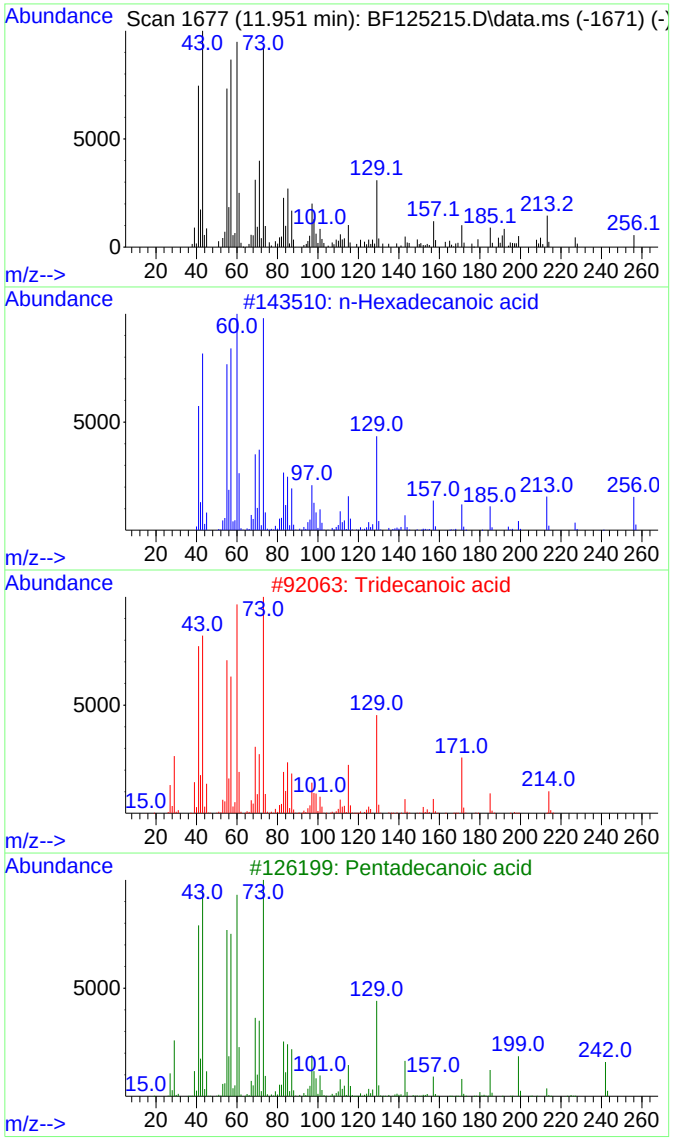
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

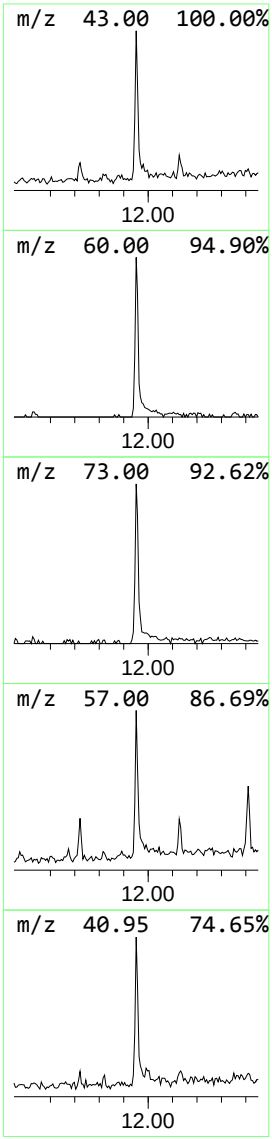
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	6.09 ng	437725	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
Data File : BF125215.D
Acq On : 25 Aug 2021 18:06
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Sample : M3467-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-6-(203.30)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

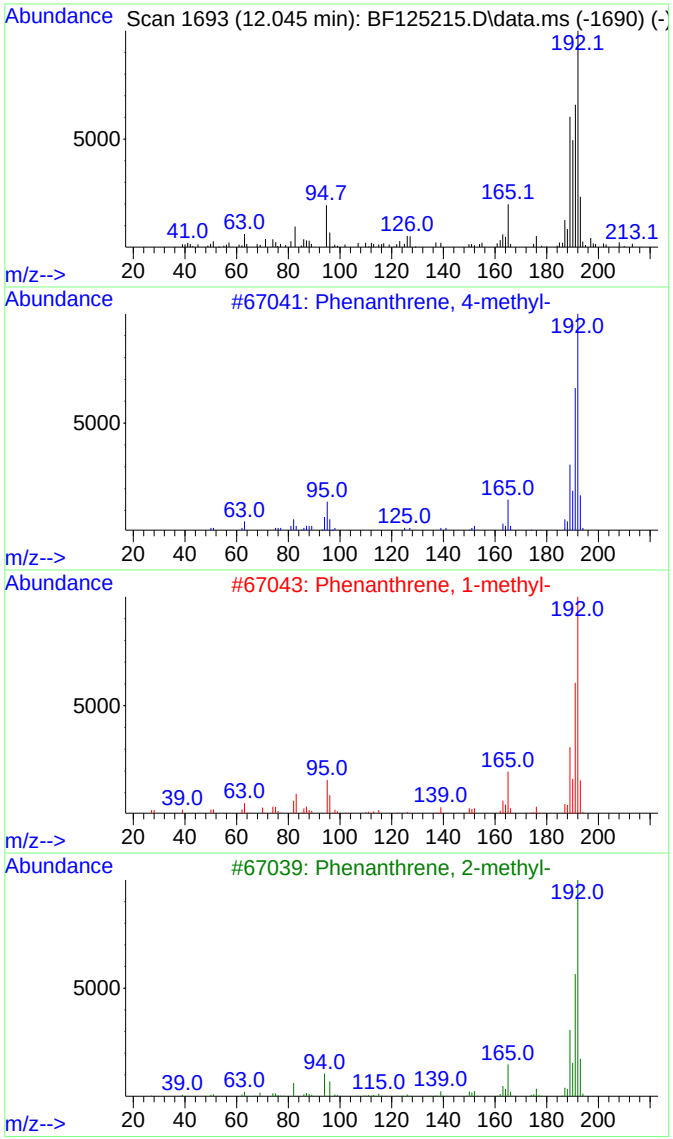
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

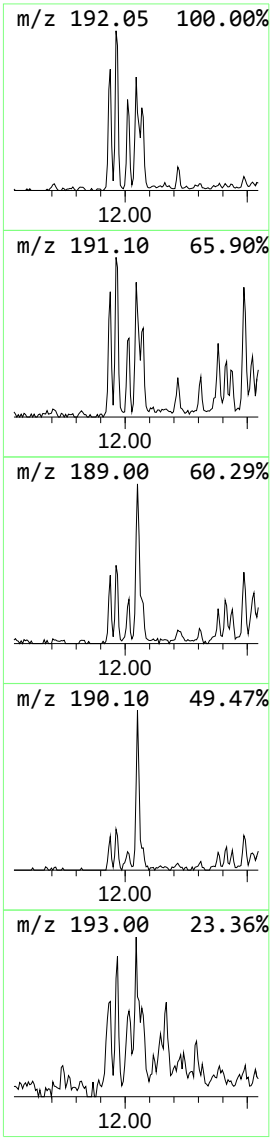
****

Peak Number 4 Phenanthrene, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.045	2.21 ng	158644	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	53
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
Data File : BF125215.D
Acq On : 25 Aug 2021 18:06
Operator : JU/CG
Sample : M3467-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-6-(203.30)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

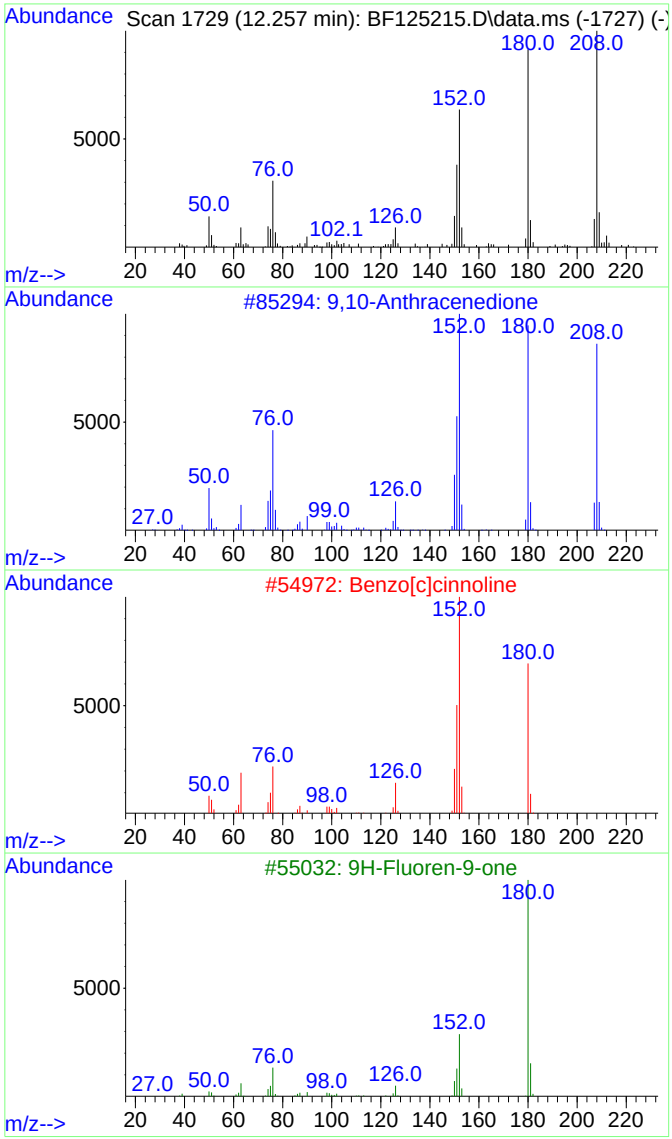
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

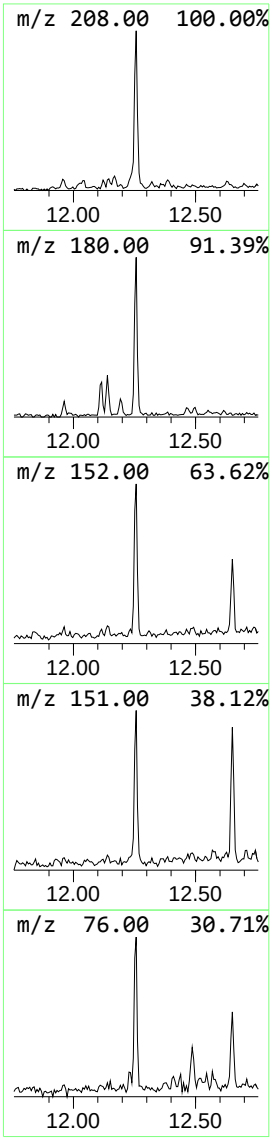
****

Peak Number 5 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.257	2.23 ng	160407	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5	Naphthalene, 1,2,3,4-tetrahydro-...	208	C16H16	003018-20-0	49





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Acq On : 25 Aug 2021 18:06
Operator : JU/CG
Sample : M3467-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
SAMPLE-6-(203.30)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

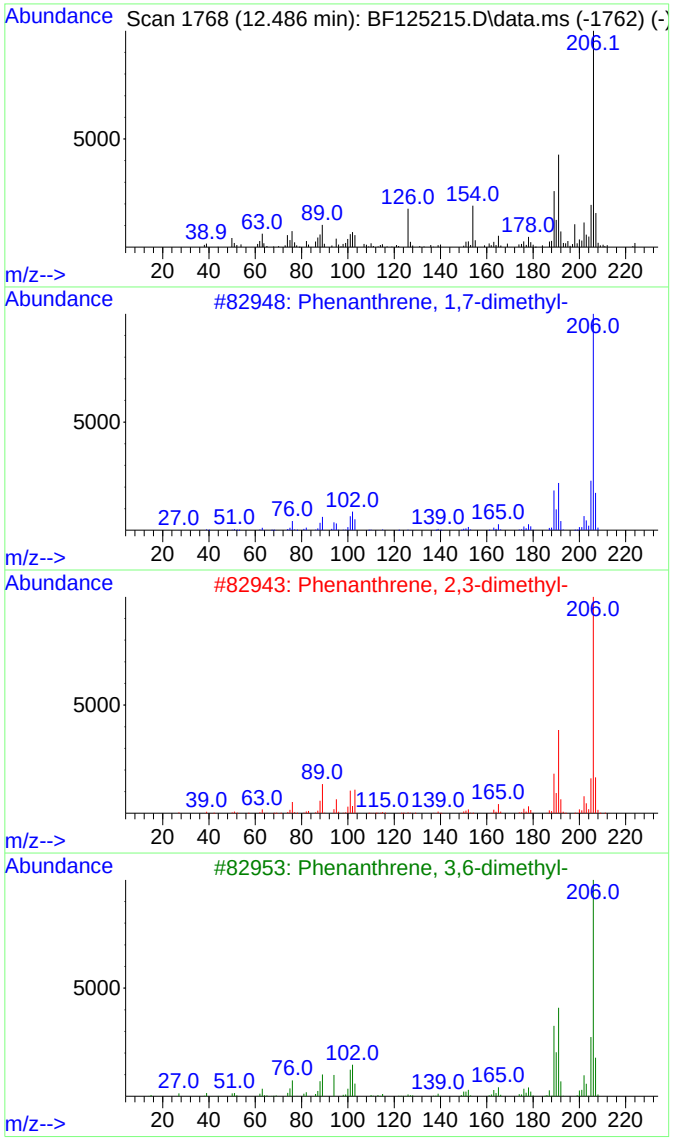
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

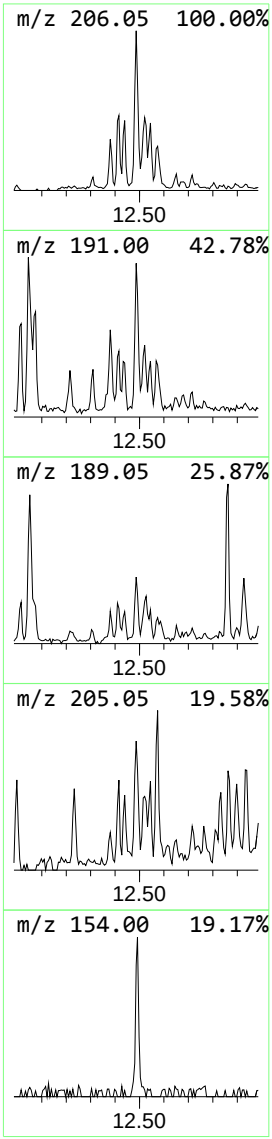
****

Peak Number 6 Phenanthrene, 1,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	2.75 ng	197502	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	76
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	76





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Sample : M3467-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SAMPLE-6-(203.30)

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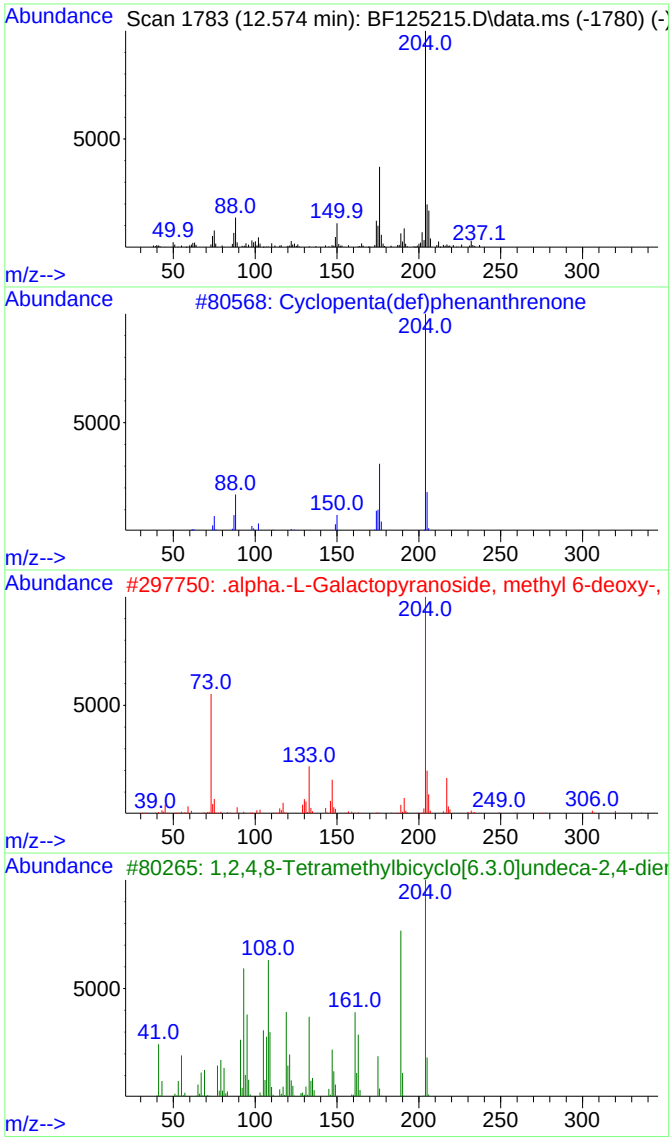
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

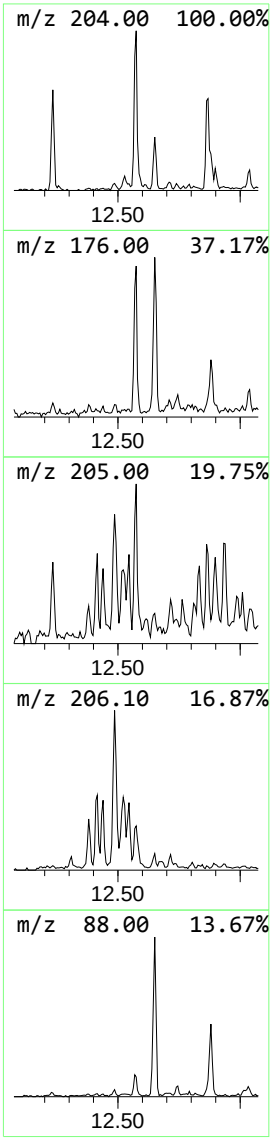
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.574	2.69 ng	193766	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	.alpha.-L-Galactopyranoside, met...	394	C16H38O5Si3	056271-60-4	50
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	45
5	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	45





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Sample : M3467-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

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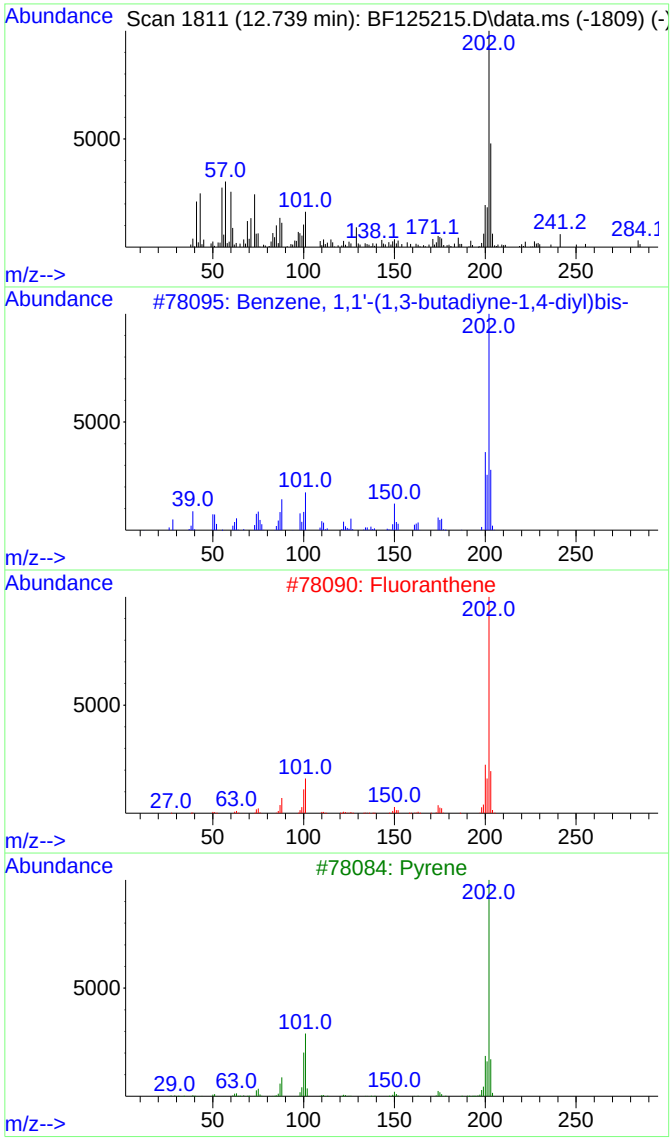
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

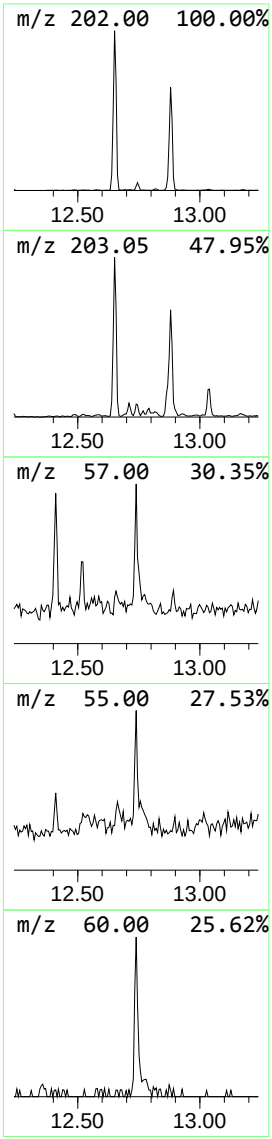
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.739	2.50 ng	179945	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	78
2	Fluoranthene	202	C16H10	000206-44-0	55
3	Pyrene	202	C16H10	000129-00-0	49
4	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	42
5	Pyrimidine, 4-methoxy-6-(2-hydro...	202	C11H10N2O2	097630-79-0	27





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Operator : JU/CG
Sample : M3467-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SAMPLE-6-(203.30)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

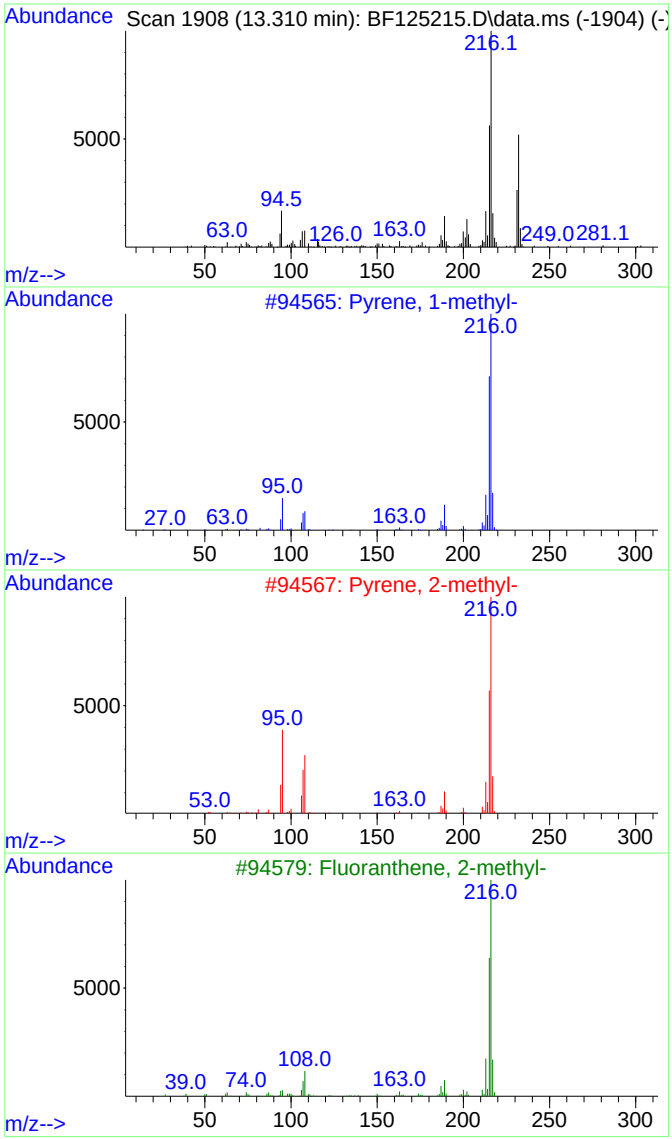
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

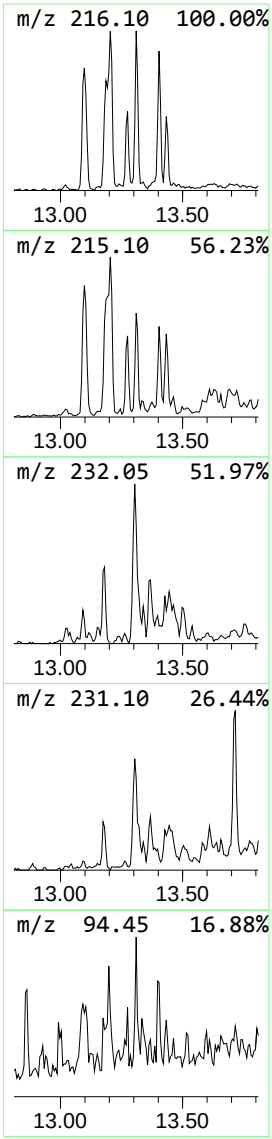
****

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.310	2.52 ng	299371	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	55





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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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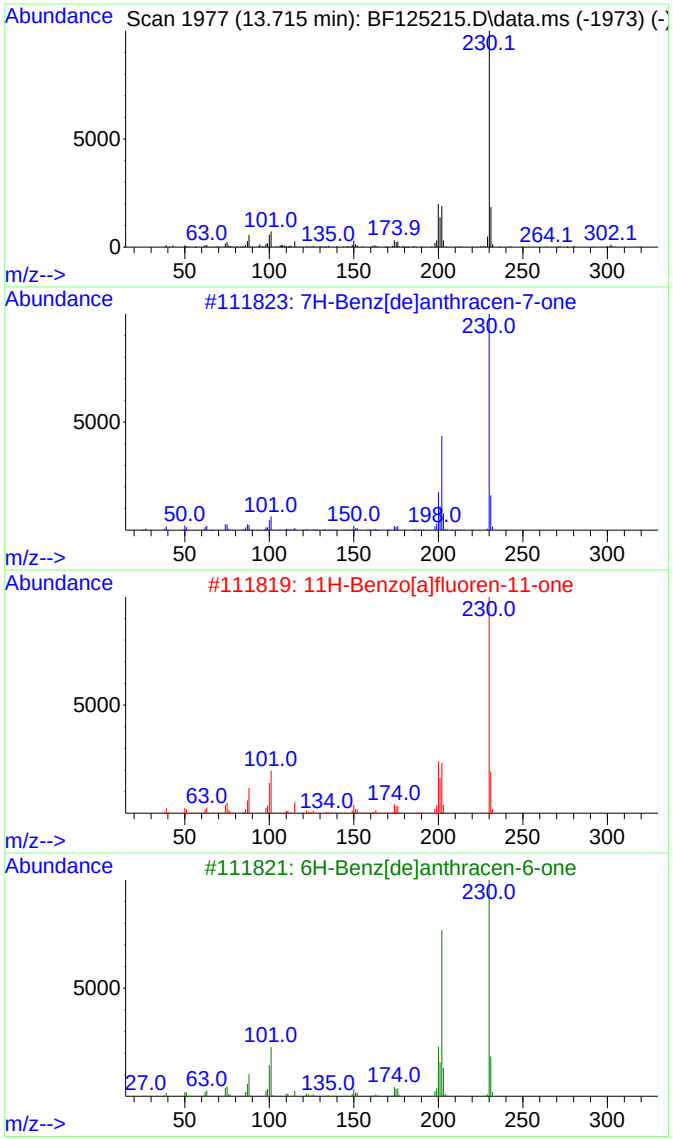
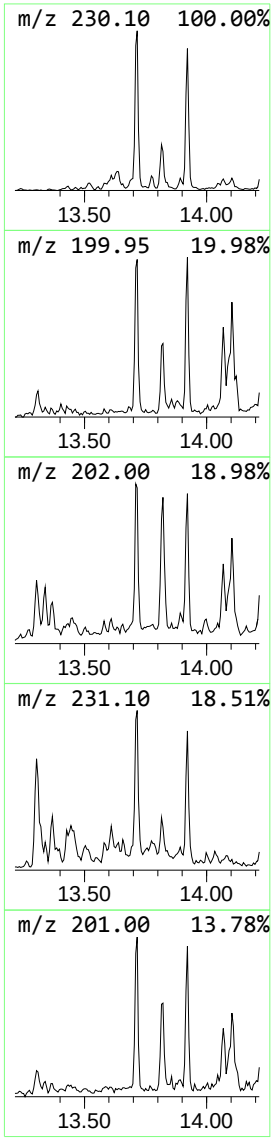
Peak Number 10 7H-Benz[de]anthracen-7-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.715	3.08 ng	365878	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	81
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
4	p-Terphenyl	230	C18H14	000092-94-4	53
5	o-Terphenyl	230	C18H14	000084-15-1	53





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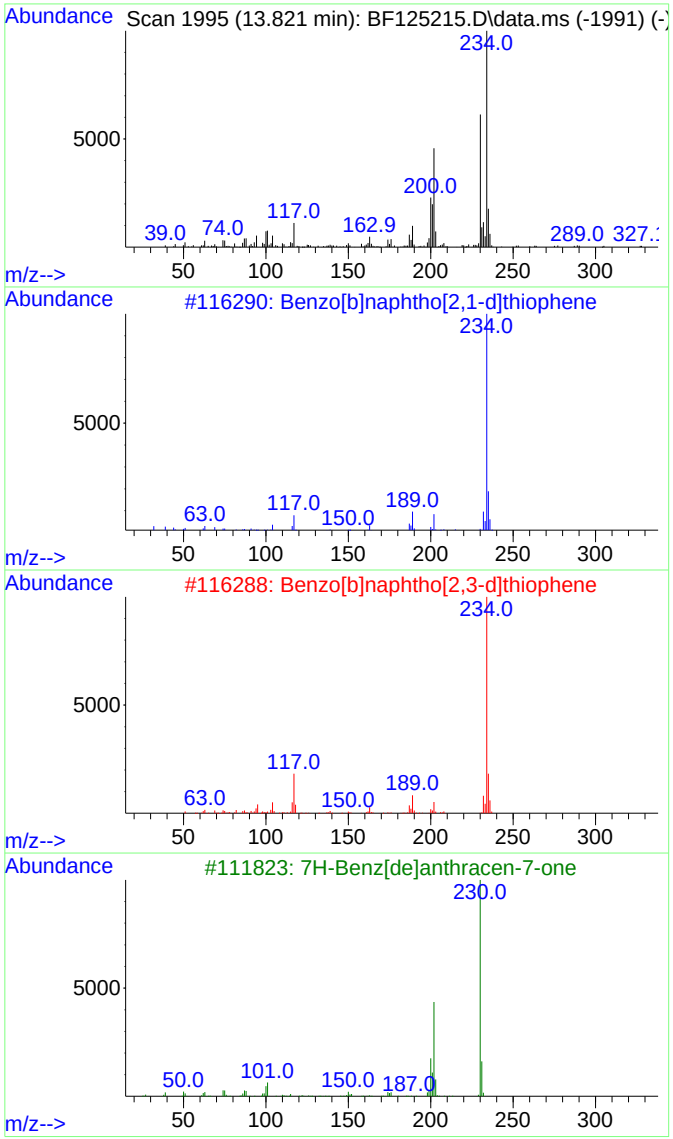
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

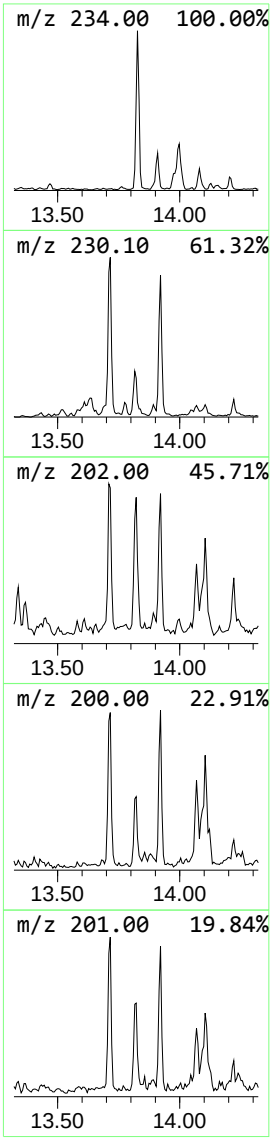
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.821	2.97 ng	353765	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	89
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	64
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	53
5	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	46





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Sample : M3467-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

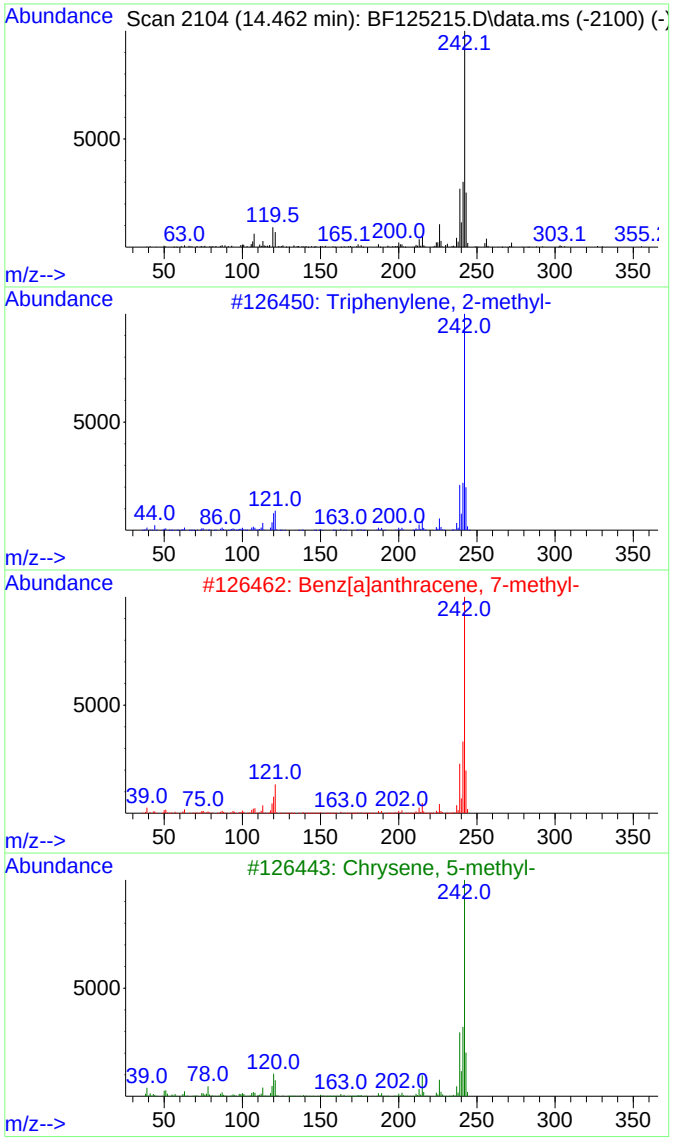
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

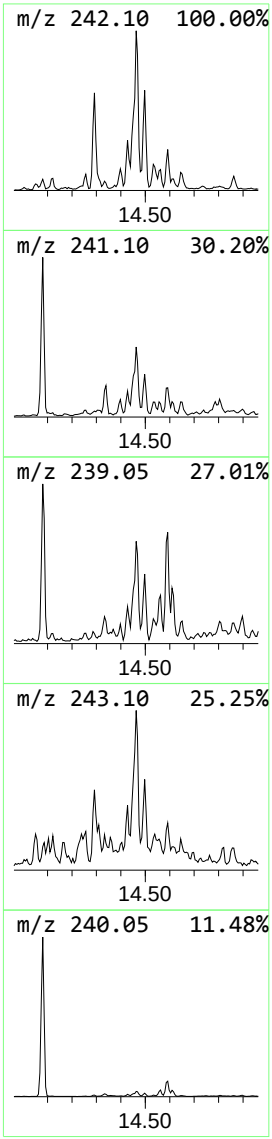
****

Peak Number 12 Triphenylene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.462	3.09 ng	367791	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
3	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
4	Chrysene, 3-methyl-	242	C19H14	003351-31-3	89
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89





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Misc :
ALS Vial : 17 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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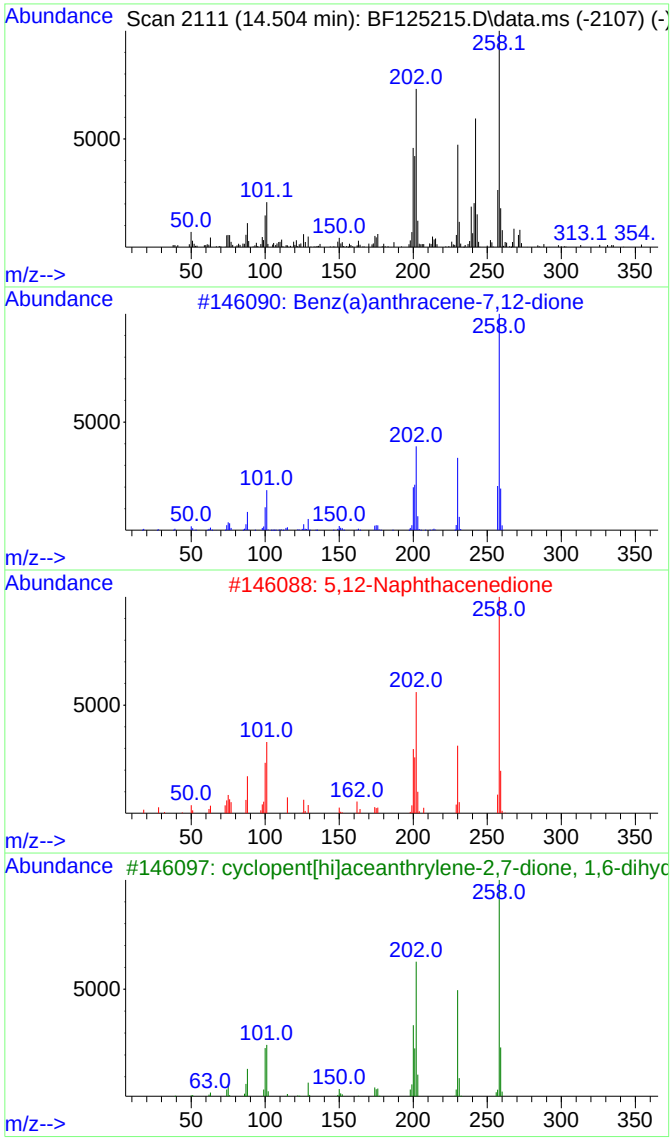
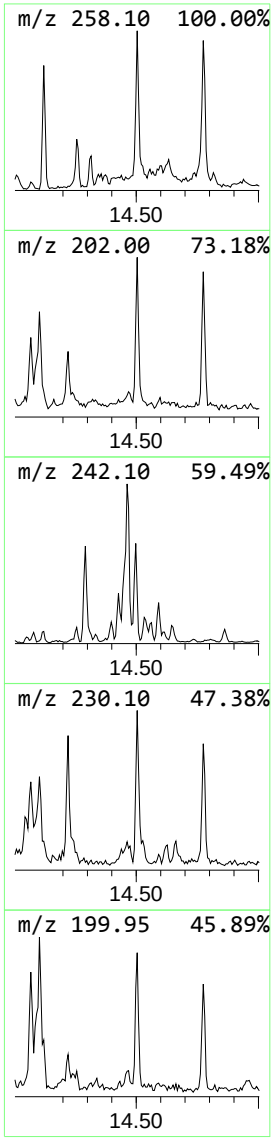
Peak Number 13 Benz(a)anthracene-7,12-dione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.504	2.65 ng	315078	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	94
2	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	94
3	cyclopent[hi]aceanthrylene-2,7-d...	258	C18H10O2	1000396-75-6	58
4	Pyrene	202	C16H10	000129-00-0	44
5	3H-Xanthen-3-one, 2,6,7-trihydro...	258	C14H10O5	005407-46-5	25





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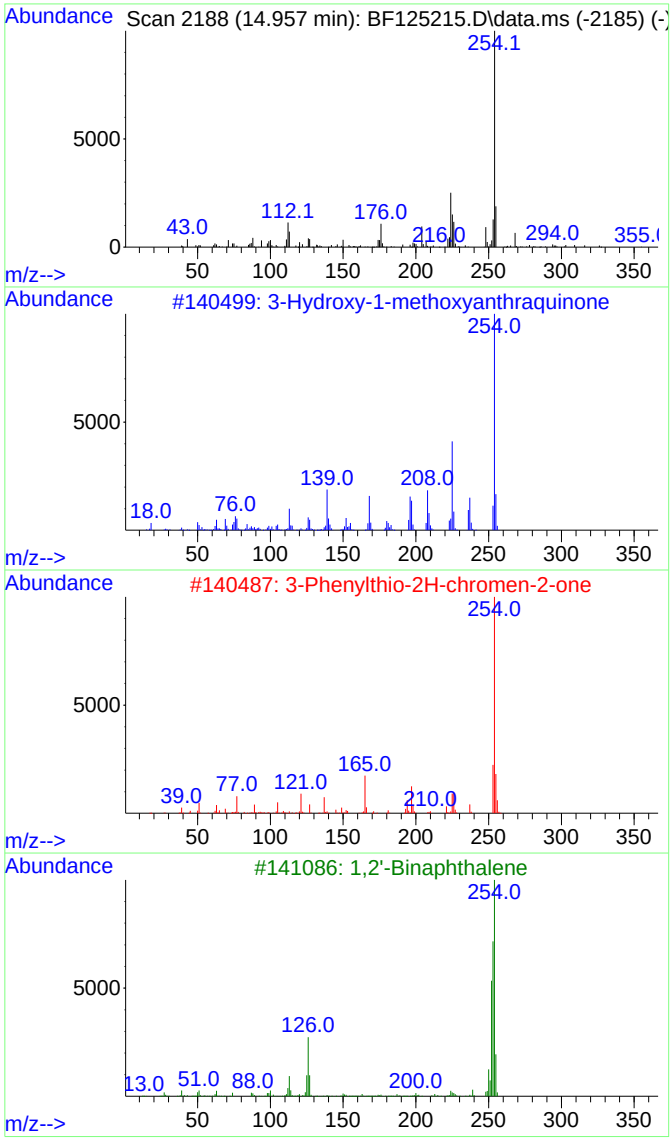
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

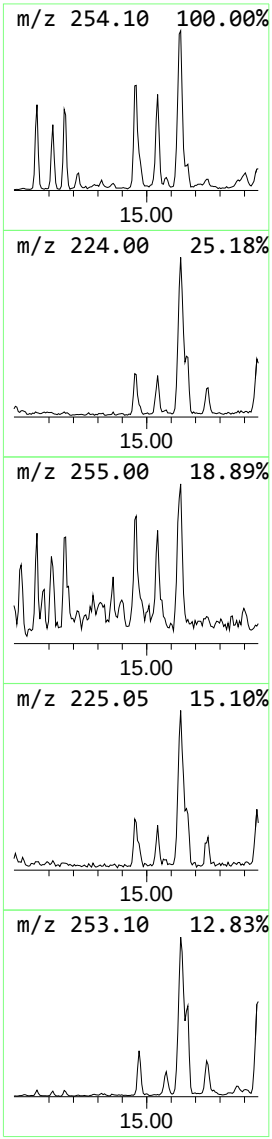
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 3-Hydroxy-1-methoxyanthraqu... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.957	3.39 ng	184812	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	50
2	3-Phenylthio-2H-chromen-2-one	254	C15H10O2S	072167-95-4	47
3	1,2'-Binaphthalene	254	C20H14	004325-74-0	43
4	Pyrrolo[3,2-g]quinoline, 9-metho...	254	C16H18N2O	199918-71-3	43
5	9,10[1',4']-Benzenoanthracene, 9...	254	C20H14	1000487-02-7	43





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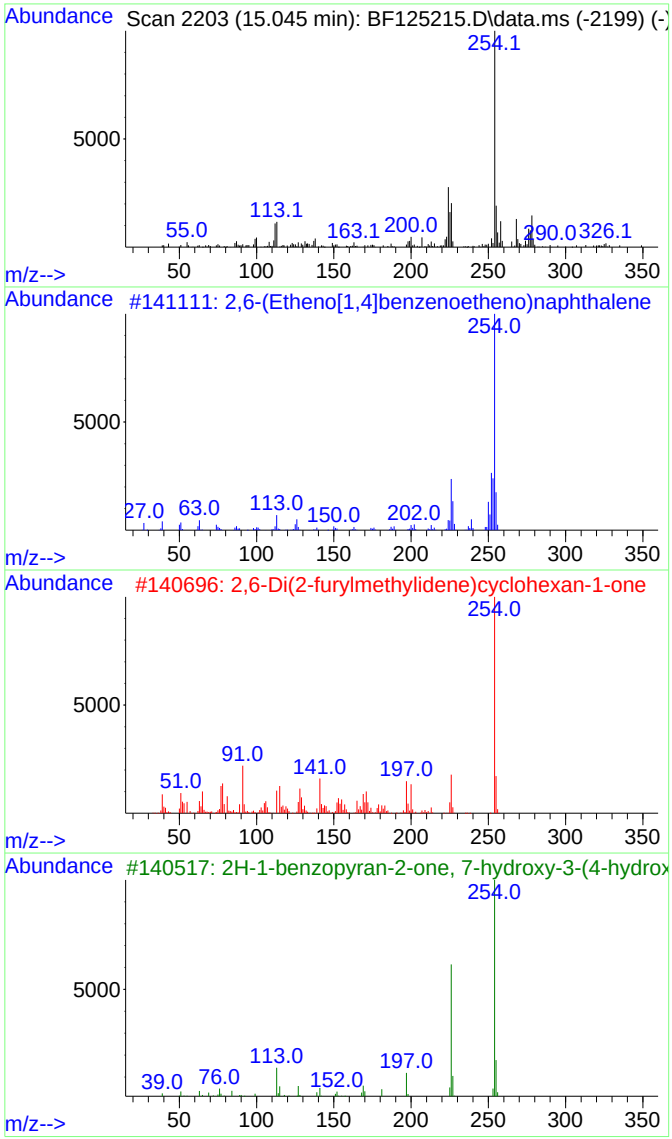
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

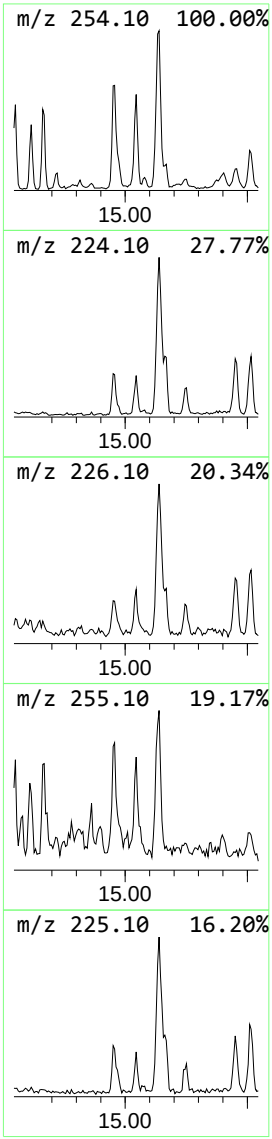
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 2,6-(Etheno[1,4]benzenoethe... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.045	3.75 ng	204467	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	52
2	2,6-Di(2-furylmethylidene)cycloh...	254	C16H14O3	000893-00-5	50
3	2H-1-benzopyran-2-one, 7-hydroxy...	254	C15H10O4	1000401-42-6	50
4	Chrysin	254	C15H10O4	000480-40-0	50
5	3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	46





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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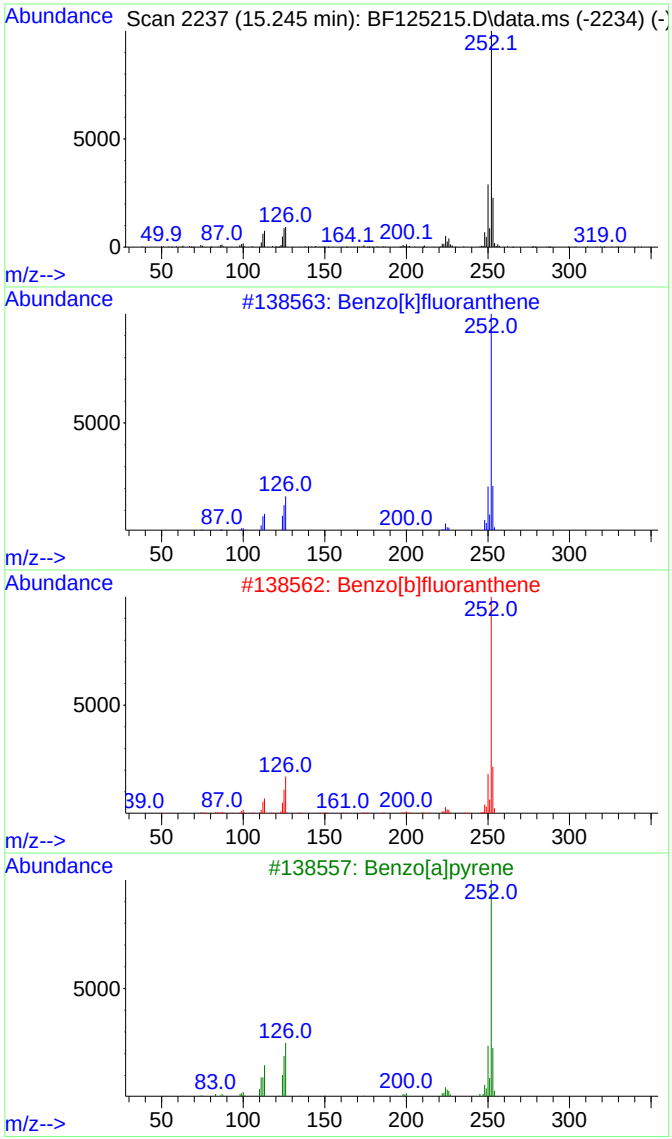
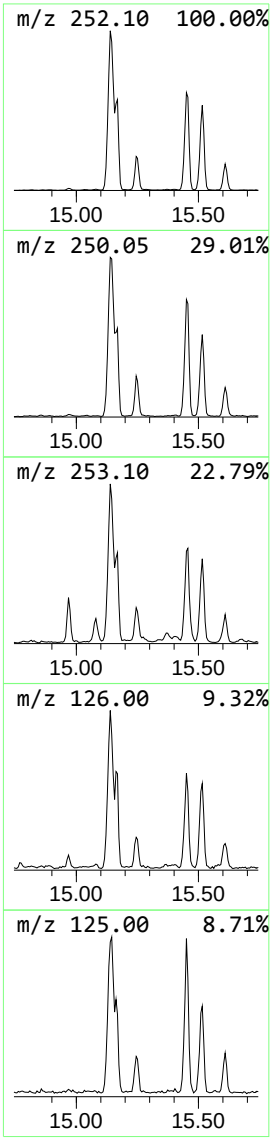
Peak Number 16 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.245	6.28 ng	342490	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Perylene	252	C20H12	000198-55-0	81
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





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Data File : BF125215.D
Acq On : 25 Aug 2021 18:06
Operator : JU/CG
Sample : M3467-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-6-(203.30)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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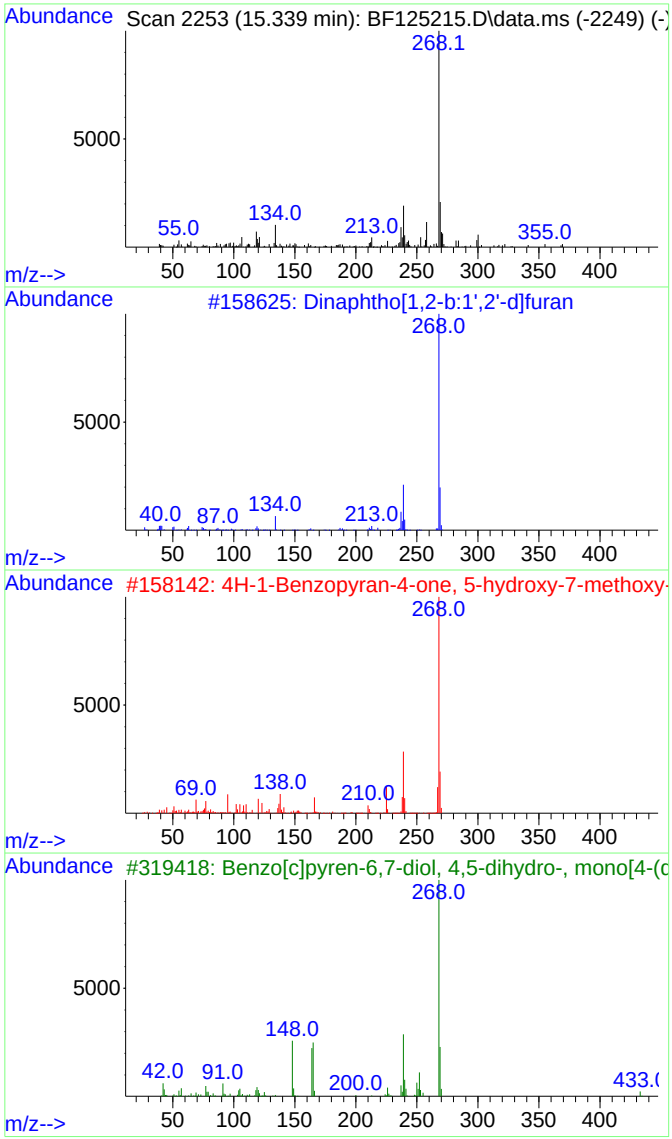
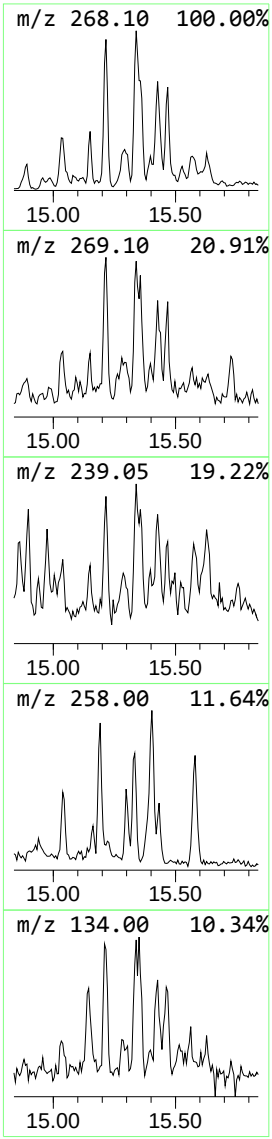
Peak Number 17 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.339	5.27 ng	287594	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	90
2	4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	59
3	Benzo[c]pyren-6,7-diol, 4,5-dihy...	433	C29H23NO3	1000124-59-9	59
4	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	59
5	9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	59





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Data File : BF125215.D
Acq On : 25 Aug 2021 18:06
Operator : JU/CG
Sample : M3467-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-6-(203.30)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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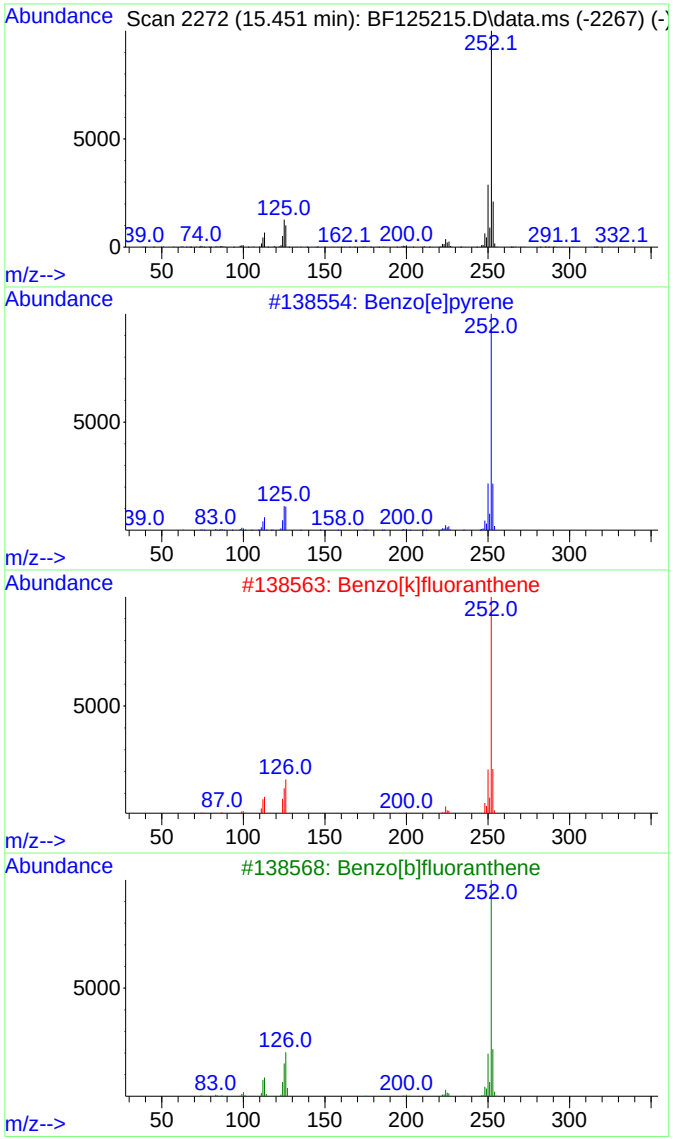
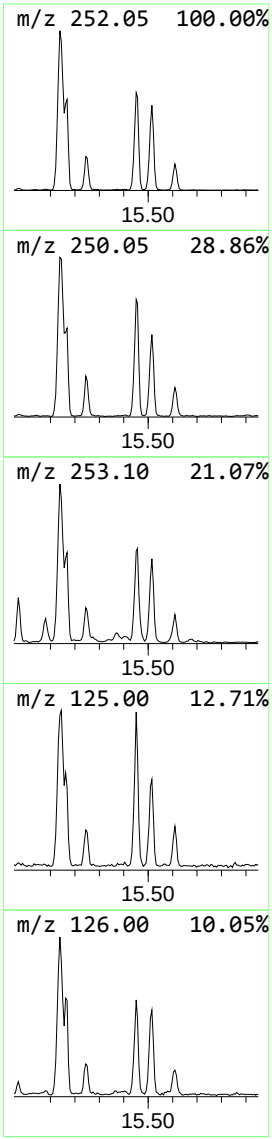
Peak Number 18 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.451	24.62 ng	1342300	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





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Data File : BF125215.D
Acq On : 25 Aug 2021 18:06
Operator : JU/CG
Sample : M3467-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-6-(203.30)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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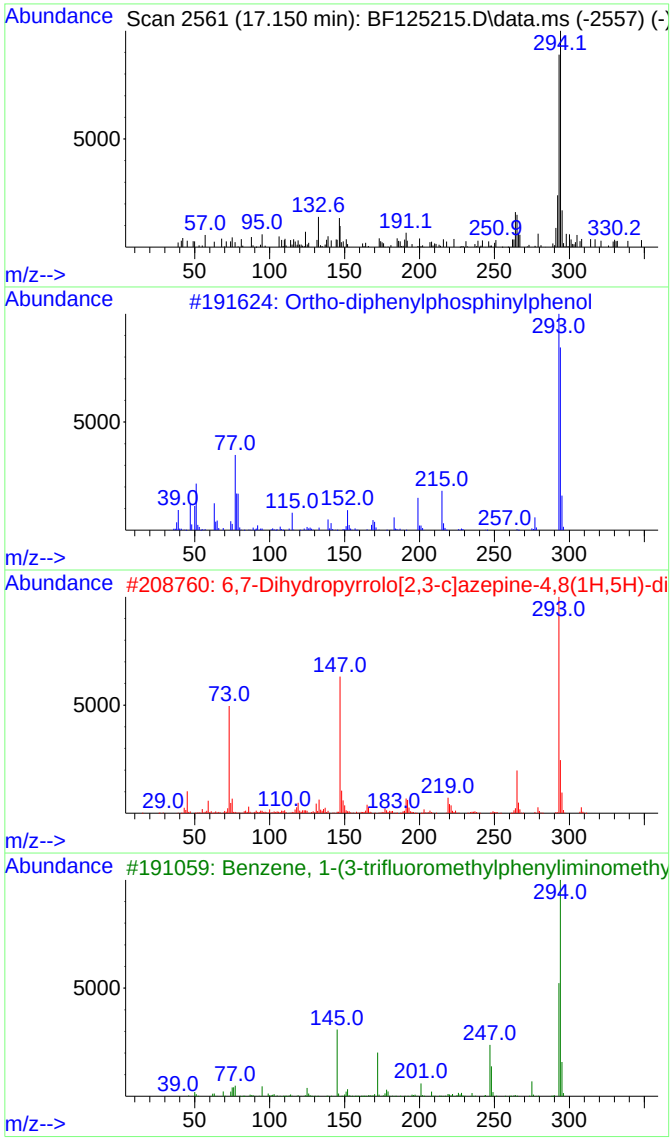
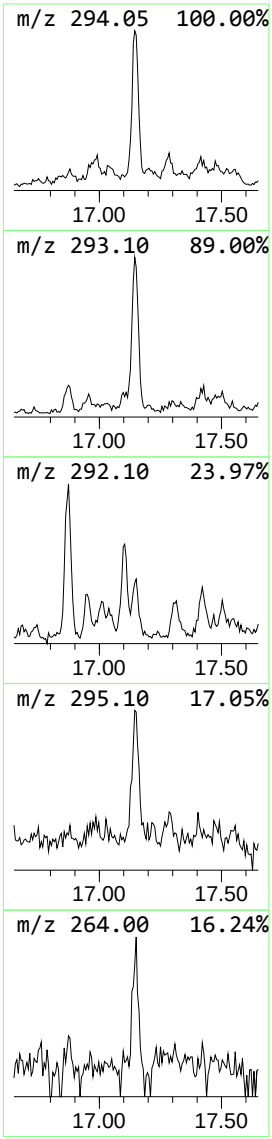
Peak Number 19 Ortho-diphenylphosphinylphenol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.151	4.11 ng	224352	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ortho-diphenylphosphinylphenol	294	C18H15O2P	016522-52-4	58
2	6,7-Dihydropyrrolo[2,3-c]azepine...	308	C14H24N2O2Si2	1000497-50-9	43
3	Benzene, 1-(3-trifluoromethylphe...	294	C14H9F3N2O2	200421-58-5	43
4	(3,4-Diethoxyphenyl)(piperidin-1...	293	C16H23NO2S	1010317-01-0	38
5	7-Acetamino-2,3-dihydro-5-phenyl...	293	C17H15N3O2	004928-03-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
Data File : BF125215.D
Acq On : 25 Aug 2021 18:06
Operator : JU/CG
Sample : M3467-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-6-(203.30)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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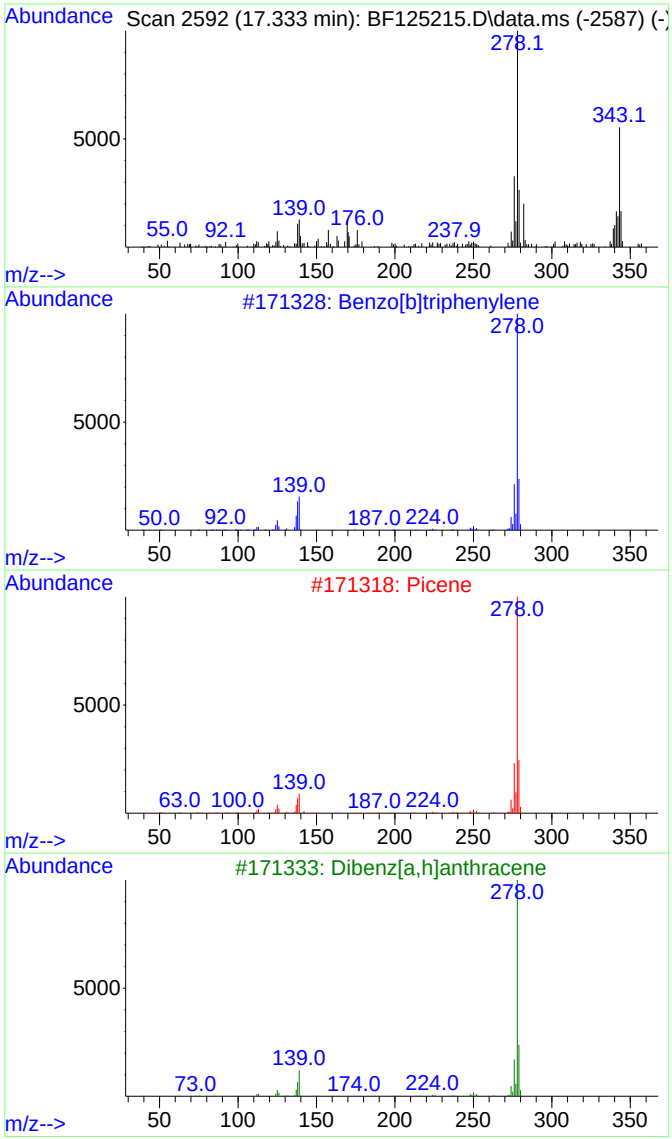
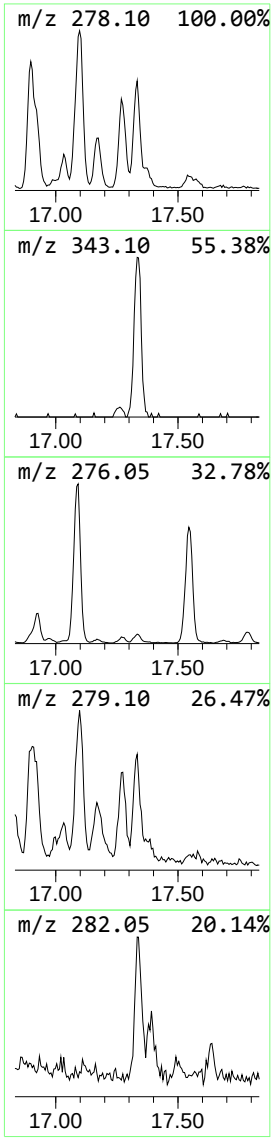
Peak Number 20 Benzo[b]triphenylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.333	4.80 ng	261772	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	80
2	Picene	278	C22H14	000213-46-7	66
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	60
4	Pentacene	278	C22H14	000135-48-8	60
5	Vanadium, (.eta.5-2,4-cyclopenta...	278	C17H23V	126948-97-8	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
Data File : BF125215.D
Acq On : 25 Aug 2021 18:06
Operator : JU/CG
Sample : M3467-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-6-(203.30)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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...	2.216	13.9	ng	823747	1	6.916	1182580	20.0
2-Pentanone, 4-...	5.134	5.5	ng	325347	1	6.916	1182580	20.0
n-Hexadecanoic ...	11.951	6.1	ng	437725	4	11.433	1438050	20.0
Phenanthrene, 4...	12.045	2.2	ng	158644	4	11.433	1438050	20.0
9,10-Anthracene...	12.257	2.2	ng	160407	4	11.433	1438050	20.0
Phenanthrene, 1...	12.486	2.8	ng	197502	4	11.433	1438050	20.0
Cyclopenta(def)...	12.574	2.7	ng	193766	4	11.433	1438050	20.0
Benzene, 1,1'-(...	12.739	2.5	ng	179945	4	11.433	1438050	20.0
Pyrene, 1-methyl-	13.310	2.5	ng	299371	5	14.080	2378740	20.0
7H-Benz[de]anth...	13.715	3.1	ng	365878	5	14.080	2378740	20.0
Benzo[b]naphtho...	13.821	3.0	ng	353765	5	14.080	2378740	20.0
Triphenylene, 2...	14.462	3.1	ng	367791	5	14.080	2378740	20.0
Benz(a)anthrace...	14.504	2.6	ng	315078	5	14.080	2378740	20.0
3-Hydroxy-1-met...	14.957	3.4	ng	184812	6	15.580	1090580	20.0
2,6-(Etheno[1,4...	15.045	3.8	ng	204467	6	15.580	1090580	20.0
Perylene	15.245	6.3	ng	342490	6	15.580	1090580	20.0
Dinaphtho[1,2-b...	15.339	5.3	ng	287594	6	15.580	1090580	20.0
Benzo[e]pyrene	15.451	24.6	ng	1342300	6	15.580	1090580	20.0
Ortho-diphenylp...	17.151	4.1	ng	224352	6	15.580	1090580	20.0
Benzo[b]triphen...	17.333	4.8	ng	261772	6	15.580	1090580	20.0