LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125456.D
Acq On : 13 Sep 2021 21:53
Operator : JU/CG
Sample : M3719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-091021

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: BF125456.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.169	8	14	24	rVB	1254424	1590070	44.88%	3.368%
2	2.281	29	33	45	rVB	49901	71612	2.02%	0.152%
3	5.104	509	513	527	rVB	540332	695309	19.63%	1.473%
4	5.510	578	582	586	rBV	3271372	3340367	94.28%	7.075%
5	5.898	645	648	656	rVB	57088	54672	1.54%	0.116%
6	6.522	749	754	757	rBV	3214775	3305564	93.30%	7.001%
7	6.886	812	816	819	rBV	1040251	895330	25.27%	1.896%
8	7.451	907	912	915	rBV	2362977	2177150	61.45%	4.611%
9	8.069	1014	1017	1030	rBV	328231	652861	18.43%	1.383%
10	8.169	1030	1034	1037	rBV	1392331	1094018	30.88%	2.317%
11	8.980	1169	1172	1176	rVB	48091	42182	1.19%	0.089%
12	9.245	1212	1217	1220	rBV	4178574	3542929	100.00%	7.504%
13	9.357	1232	1236	1240	rBV2	41679	51043	1.44%	0.108%
14	9.510	1258	1262	1266	rBV2	40724	53198	1.50%	0.113%
15	9.786	1303	1309	1316	rBV	257675	245859	6.94%	0.521%
16	9.927	1329	1333	1336	rBV	1250264	1044681	29.49%	2.213%
17	9.957	1336	1338	1342	rVB	126984	101574	2.87%	0.215%
18	10.127	1361	1367	1371	rBV2	75378	84774	2.39%	0.180%
19	10.239	1382	1386	1389	rBV2	45695	64662	1.83%	0.137%
20	10.333	1397	1402	1403	rBV4	29213	40079	1.13%	0.085%
21	10.474	1423	1426	1432	rVB	172600	168287	4.75%	0.356%
22	10.716	1463	1467	1471	rBV	2107315	1799704	50.80%	3.812%
23	10.833	1482	1487	1494	rVB4	59229	113782	3.21%	0.241%
24	11.021	1515	1519	1522	rBV2	60845	77577	2.19%	0.164%
25	11.151	1536	1541	1543	rBV4	25676	43194	1.22%	0.091%
26	11.174	1543	1545	1549	rVB2	39362	43248	1.22%	0.092%
27	11.269	1557	1561	1563	rBV4	47194	51990	1.47%	0.110%
28	11.310	1564	1568	1572	rVB2	86086	104690	2.95%	0.222%
29	11.416	1582	1586	1588	rBV	1102704	939197	26.51%	1.989%
30	11.439	1588	1590	1594	rVV	1034572	816500	23.05%	1.729%
31	11.492	1596	1599	1602	rVV	384566	319942	9.03%	0.678%
32	11.527	1602	1605	1607	rVB3	42052	46506	1.31%	0.098%
33	11.651	1622	1626	1630	rBV	82553	104281	2.94%	0.221%
34	11.710	1632	1636	1640	rVV2	55126	78109	2.20%	0.165%
35	11.745	1640	1642	1646	rVB2	47119	52616	1.49%	0.111%
36	11.798	1648	1651	1654	rVV	136449	110627	3.12%	0.234%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125456.D
Acq On : 13 Sep 2021 21:53
Operator : JU/CG
Sample : M3719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-091021

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	11.916	1668	1671	1673	rBV	206325	213779	6.03%	0.453%
38	11.939	1673	1675	1680	rVV2	342641	435639	12.30%	0.923%
39	11.992	1682	1684	1687	rVV	130874	114715	3.24%	0.243%
40	12.033	1687	1691	1693	rVV	488761	516694	14.58%	1.094%
41	12.051	1693	1694	1697	rVB	158273	111863	3.16%	0.237%
42	12.104	1700	1703	1705	rBV2	45575	45954	1.30%	0.097%
43	12.210	1719	1721	1724	rBV	136953	117872	3.33%	0.250%
44	12.239	1724	1726	1730	rVB	67502	65076	1.84%	0.138%
45	12.392	1749	1752	1754	rVB	64259	50362	1.42%	0.107%
46	12.415	1754	1756	1759	rVB2	51010	42214	1.19%	0.089%
47	12.468	1761	1765	1767	rBV	160833	197908	5.59%	0.419%
48	12.510	1769	1772	1777	rVB2	366350	408916	11.54%	0.866%
49	12.557	1777	1780	1784	rBV3	148375	180772	5.10%	0.383%
50	12.592	1784	1786	1789	rVB	98095	80425	2.27%	0.170%
51	12.633	1789	1793	1797	rBV	2485198	2393695	67.56%	5.070%
52	12.727	1806	1809	1812	rBV	258857	231925	6.55%	0.491%
53	12.786	1816	1819	1821	rVV	84386	73057	2.06%	0.155%
54	12.868	1826	1833	1838	rBV	2210188	2575091	72.68%	5.454%
55	12.910	1838	1840	1845	rVB2	112858	135022	3.81%	0.286%
56	13.004	1852	1856	1859	rVB	3337548	2708577	76.45%	5.737%
57	13.080	1864	1869	1873	rBV3	194433	325877	9.20%	0.690%
58	13.168	1880	1884	1885	rBV3	175480	199561	5.63%	0.423%
59	13.192	1885	1888	1891	rVB	545060	498355	14.07%	1.056%
60	13.221	1891	1893	1896	rBV3	51695	76836	2.17%	0.163%
61	13.257	1896	1899	1902	rVV	461813	366316	10.34%	0.776%
62	13.292	1902	1905	1908	rVV2	246013	263022	7.42%	0.557%
63	13.351	1913	1915	1918	rBV3	51488	51886	1.46%	0.110%
64	13.386	1919	1921	1924	rVV	144465	130806	3.69%	0.277%
65	13.421	1924	1927	1929	rVV	167705	170373	4.81%	0.361%
66	13.474	1933	1936	1939	rBV	226326	192153	5.42%	0.407%
67	13.568	1949	1952	1954	rBV3	74535	92008	2.60%	0.195%
68	13.674	1967	1970	1972	rBV	100883	125142	3.53%	0.265%
69	13.810	1991	1993	1996	rBV	151961	135479	3.82%	0.287%
70	13.839	1996	1998	2000	rBV	201162	154877	4.37%	0.328%
71	13.862	2000	2002	2006	rBV2	182258	200727	5.67%	0.425%
72	14.057	2029	2035	2039	rBV2	1626484	2456393	69.33%	5.203%
73	14.092	2039	2041	2048	rVB	1292692	1080168	30.49%	2.288%
74	14.168	2052	2054	2057	rBV	245786	202212	5.71%	0.428%
75	14.209	2059	2061	2064	rBV	184551	173460	4.90%	0.367%
76	14.451	2100	2102	2105	rVB	233529	183255	5.17%	0.388%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125456.D
Acq On : 13 Sep 2021 21:53
Operator : JU/CG
Sample : M3719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-091021

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

77	14.574	2121	2123	2125	rBV	131753	118377	3.34%	0.251%
78	14.598	2125	2127	2131	rVB2	184885	152940	4.32%	0.324%
79	15.127	2212	2217	2220	rBV	906855	1537846	43.41%	3.257%
80	15.233	2232	2235	2238	rBV	191034	197293	5.57%	0.418%
81	15.433	2266	2269	2274	rVB	504935	662454	18.70%	1.403%
82	15.504	2276	2281	2287	rBV	846027	1097237	30.97%	2.324%
83	15.562	2288	2291	2294	rBV2	468627	587490	16.58%	1.244%
84	17.074	2543	2548	2555	rVB2	342038	647968	18.29%	1.372%
85	17.533	2621	2626	2632	rVB	225861	416082	11.74%	0.881%

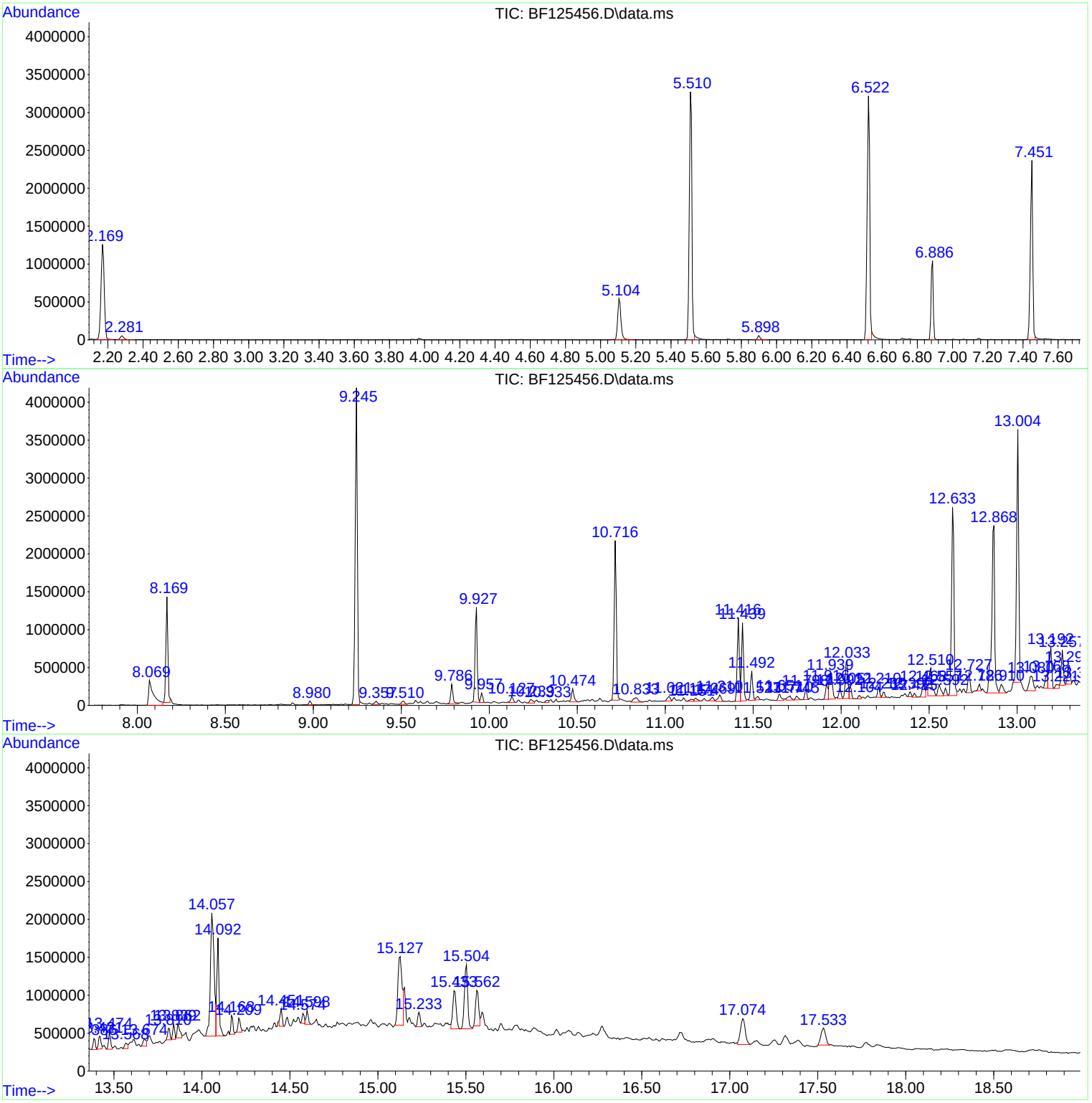
Sum of corrected areas: 47214333

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125456.D
Acq On : 13 Sep 2021 21:53
Operator : JU/CG
Sample : M3719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-091021

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\BF091321\
Data File : BF125456.D
Acq On : 13 Sep 2021 21:53
Operator : JU/CG
Sample : M3719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-091021

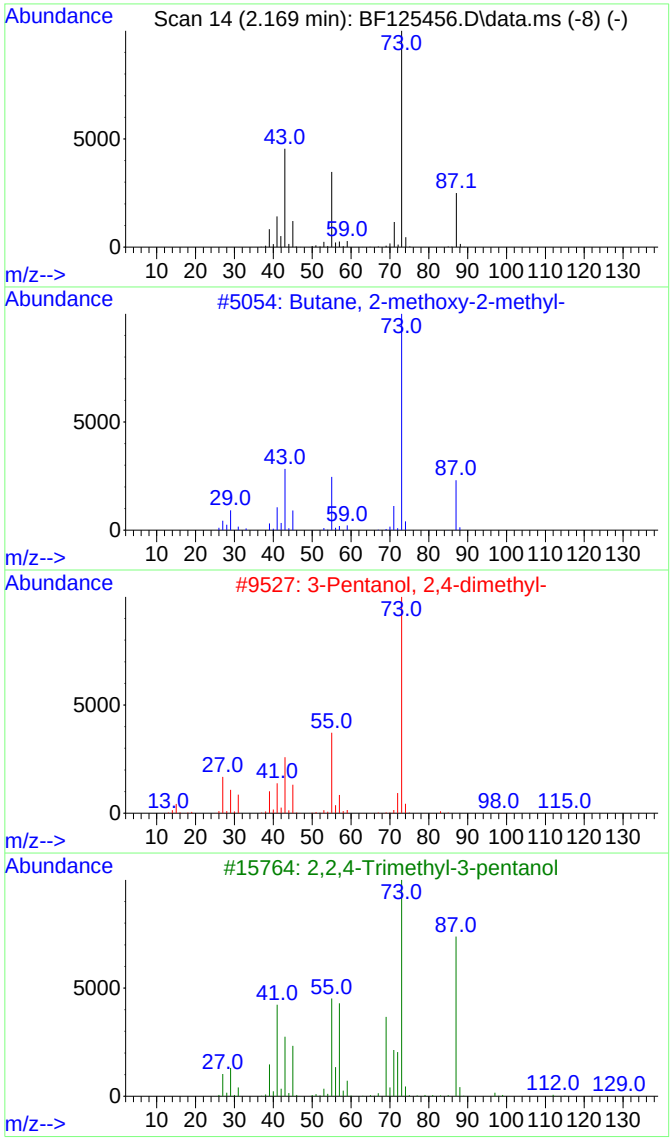
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

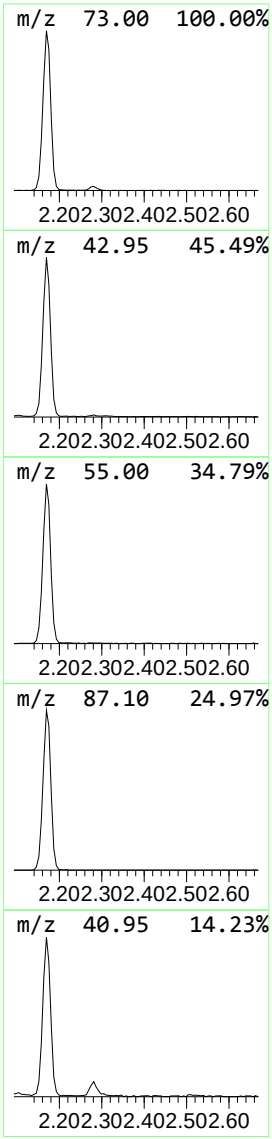
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.169	35.52 ng	1590070	1,4-Dichlorobenzene-d4	6.886

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	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125456.D
Acq On : 13 Sep 2021 21:53
Operator : JU/CG
Sample : M3719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-091021

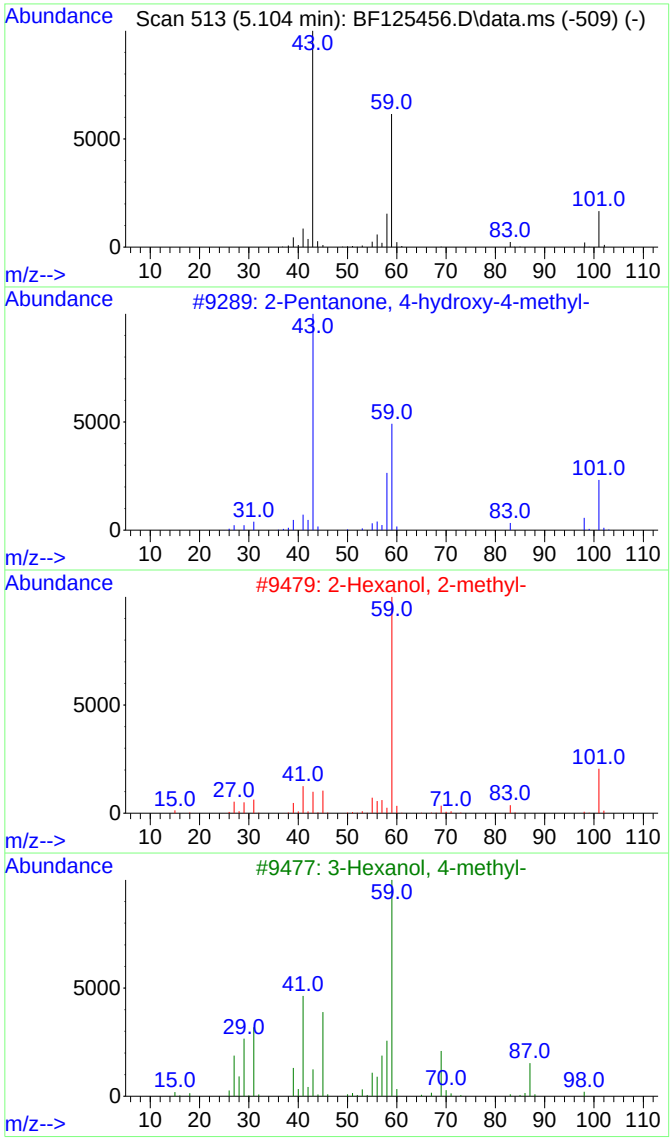
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

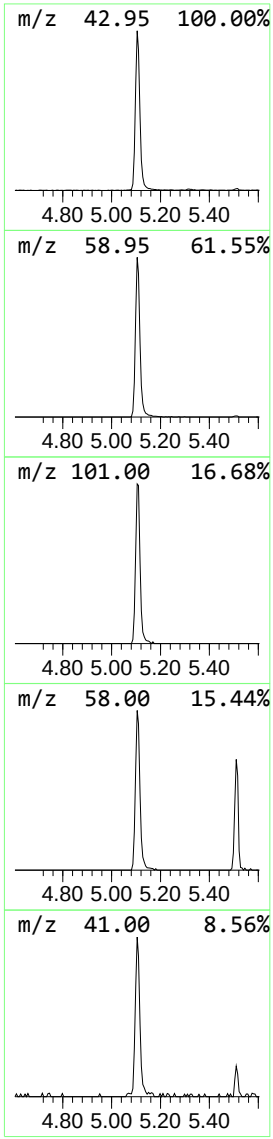
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.104	15.53 ng	695309	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125456.D
Acq On : 13 Sep 2021 21:53
Operator : JU/CG
Sample : M3719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-091021

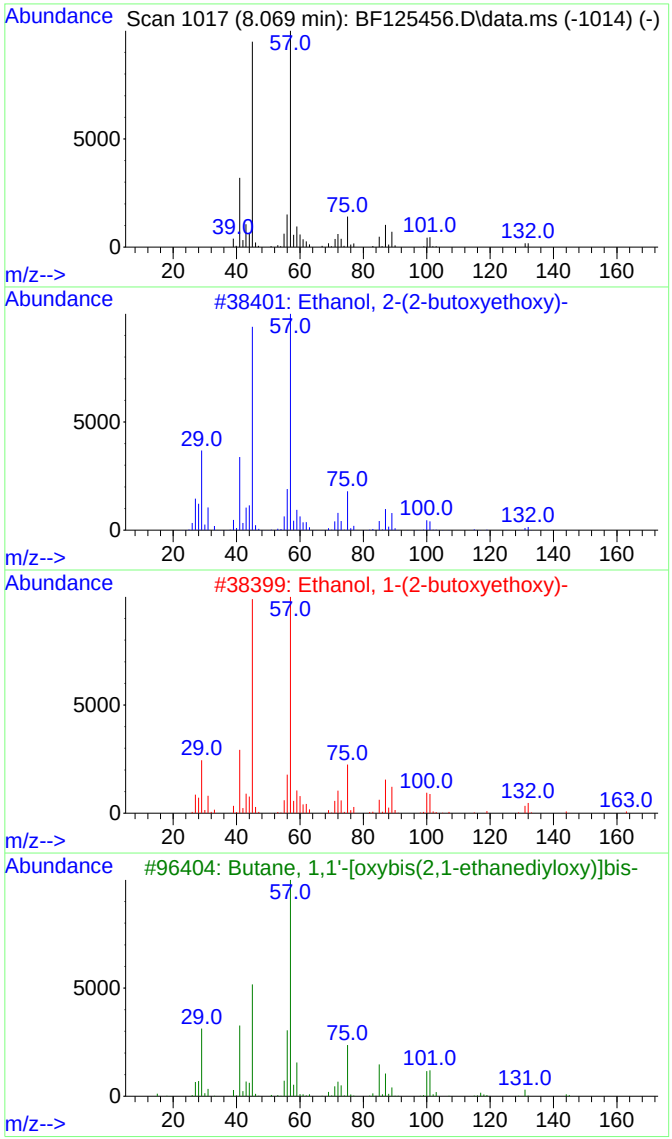
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

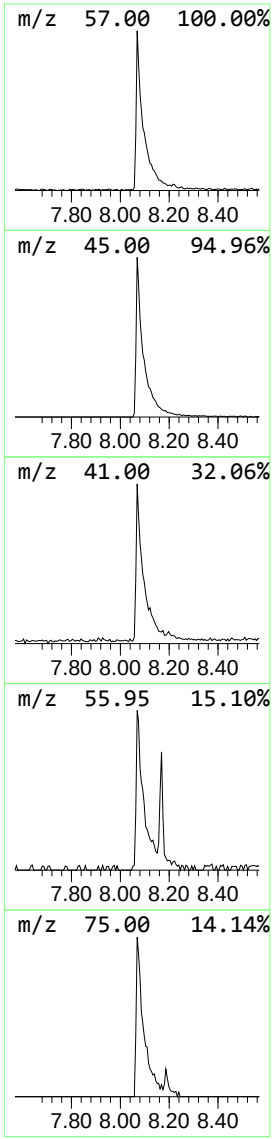
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.069	11.94 ng	652861	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78
3	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	64
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
5	Tetraethylene glycol	194	C8H18O5	000112-60-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125456.D
Acq On : 13 Sep 2021 21:53
Operator : JU/CG
Sample : M3719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-091021

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

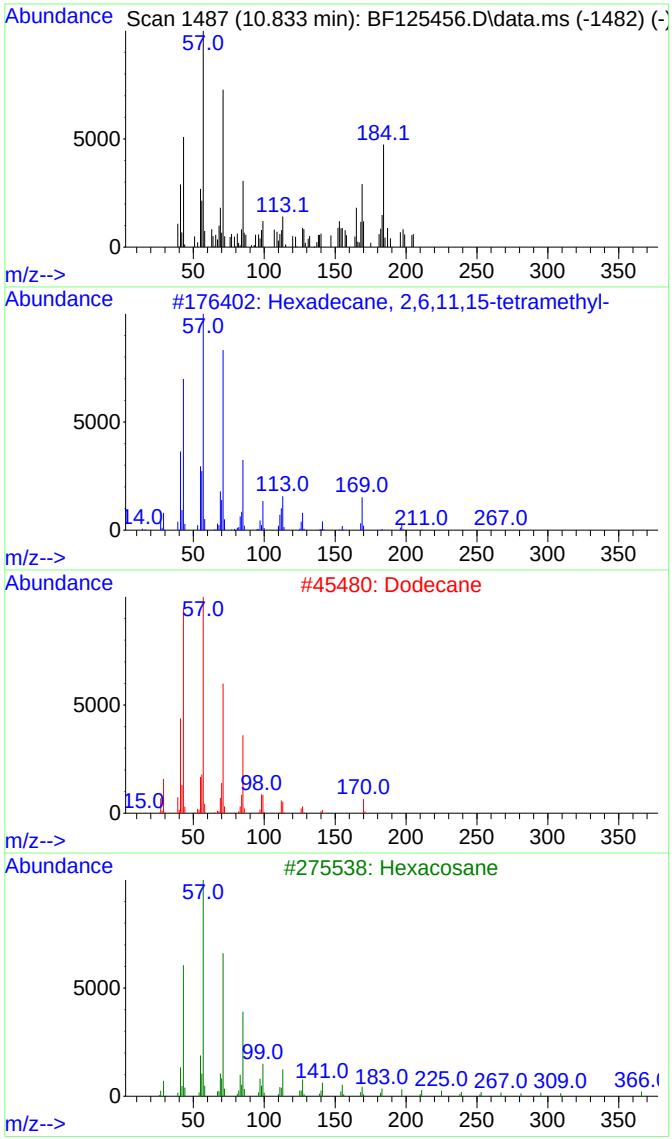
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

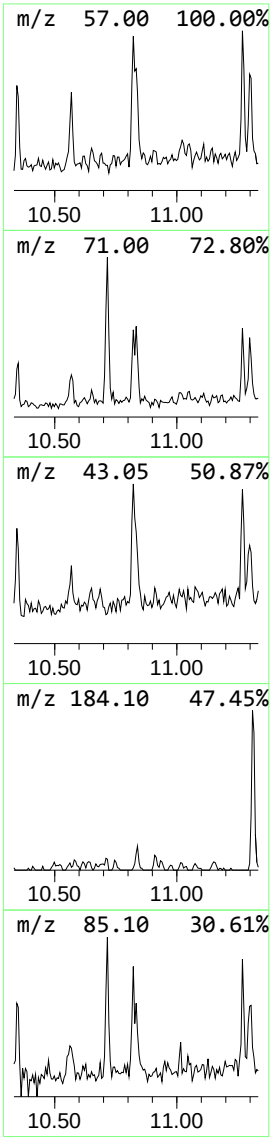
****

Peak Number 4 unknown10.833 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.833	2.42 ng	113782	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	38
2	Dodecane	170	C12H26	000112-40-3	30
3	Hexacosane	366	C26H54	000630-01-3	27
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	25
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125456.D
Acq On : 13 Sep 2021 21:53
Operator : JU/CG
Sample : M3719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-091021

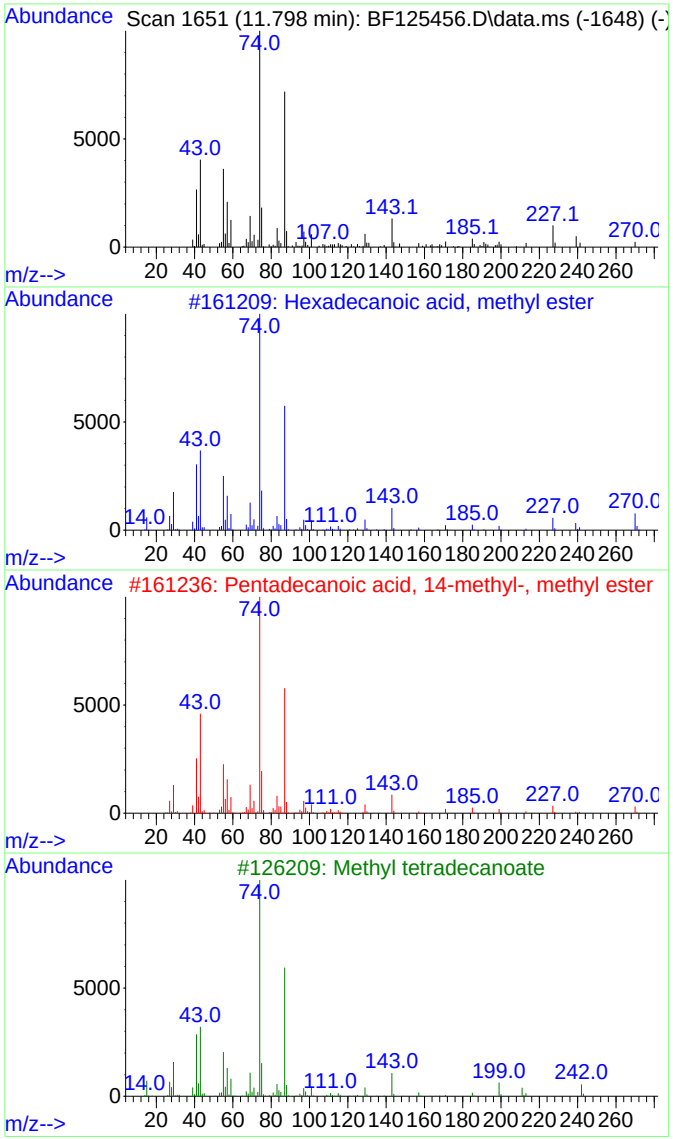
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

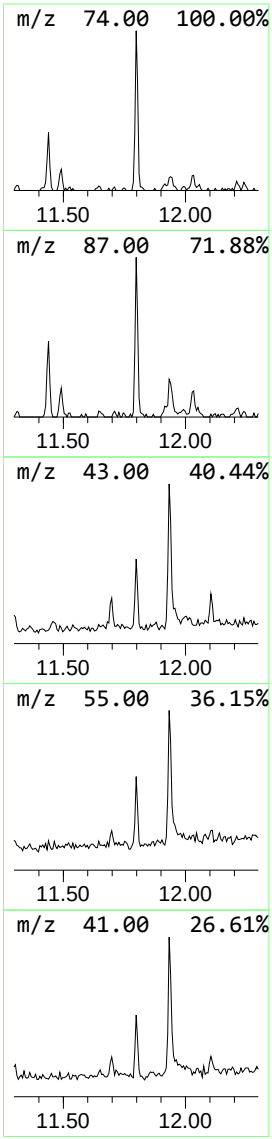
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.798	2.36 ng	110627	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	81
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125456.D
Acq On : 13 Sep 2021 21:53
Operator : JU/CG
Sample : M3719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-091021

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

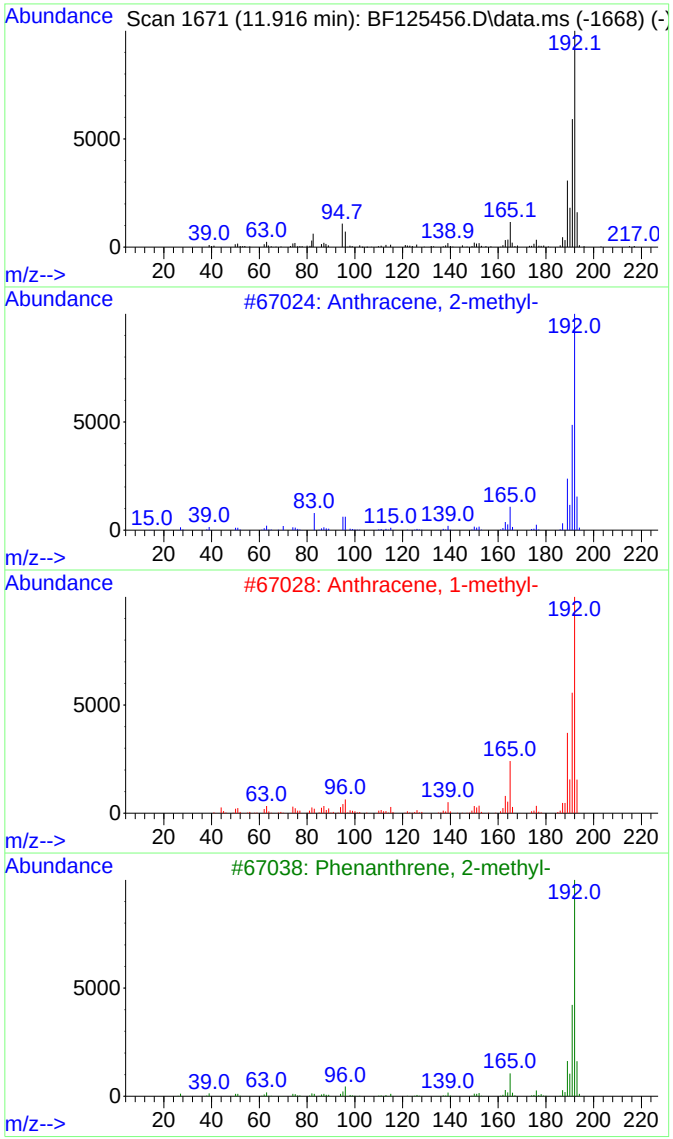
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

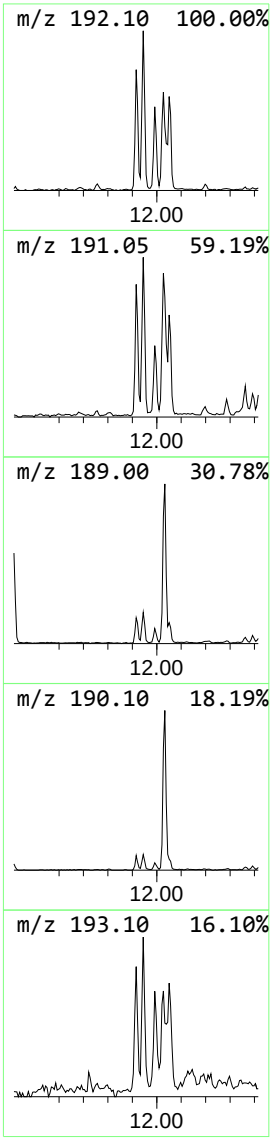
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	4.55 ng	213779	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125456.D
Acq On : 13 Sep 2021 21:53
Operator : JU/CG
Sample : M3719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-091021

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

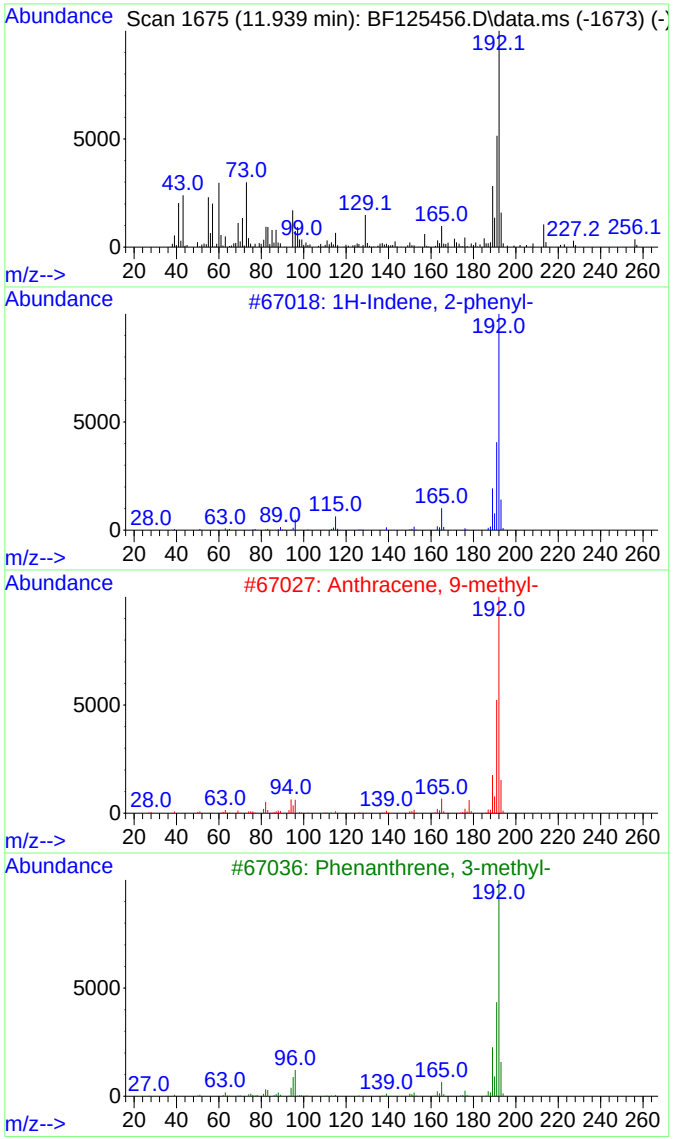
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

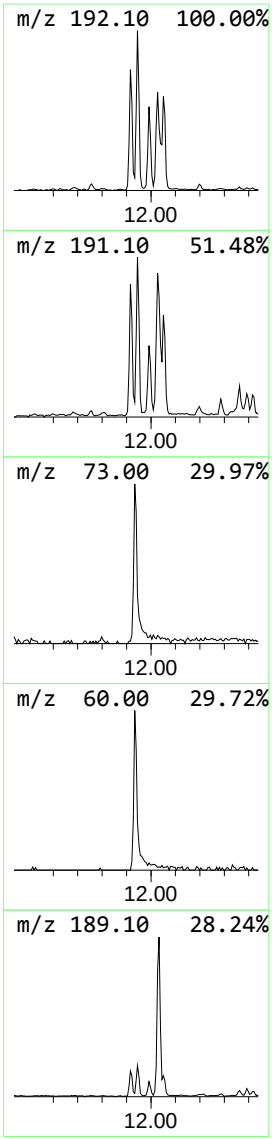
****

Peak Number 7 1H-Indene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	9.28 ng	435639	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	92
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	92
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125456.D
Acq On : 13 Sep 2021 21:53
Operator : JU/CG
Sample : M3719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-091021

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

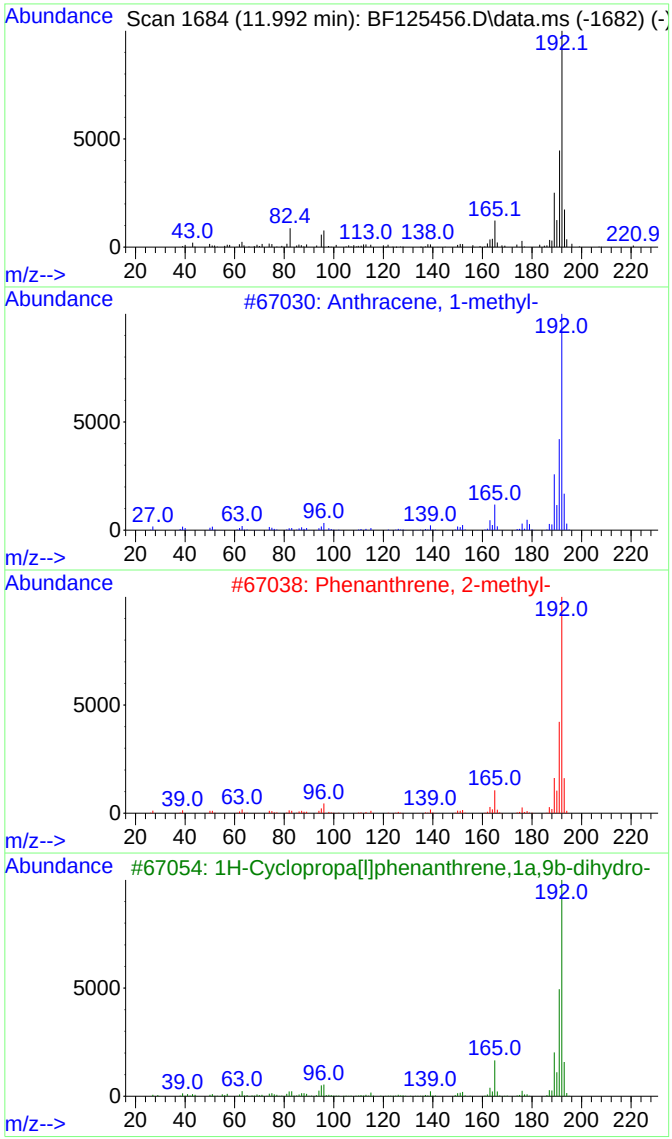
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

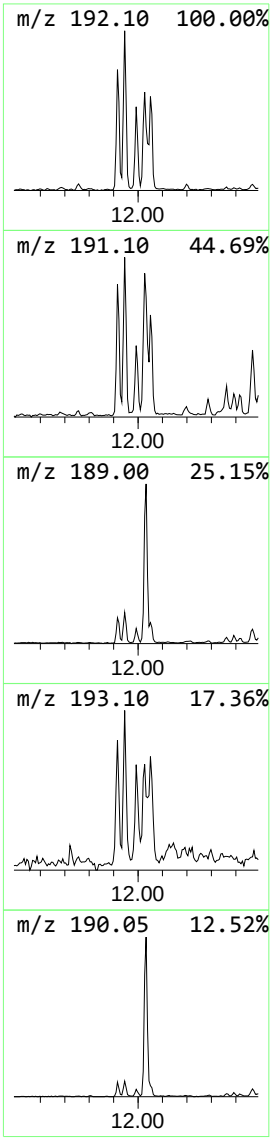
****

Peak Number 8 Anthracene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	2.44 ng	114715	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125456.D
Acq On : 13 Sep 2021 21:53
Operator : JU/CG
Sample : M3719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-091021

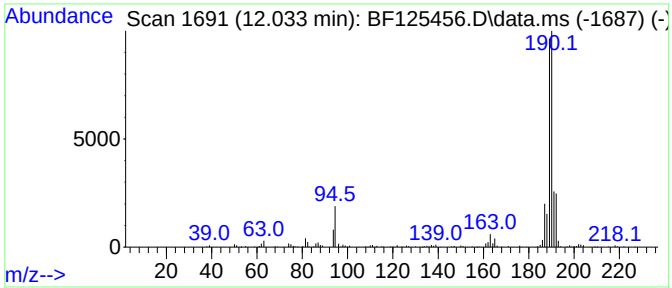
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

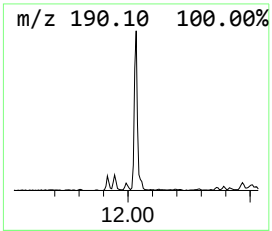
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

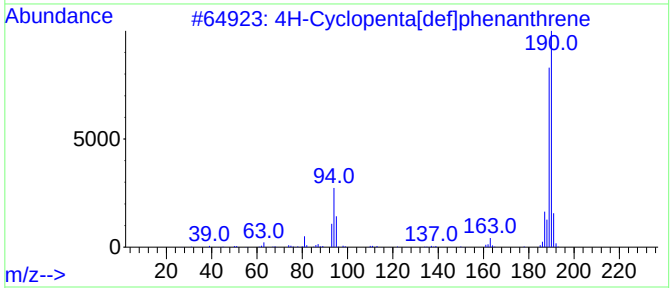
****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

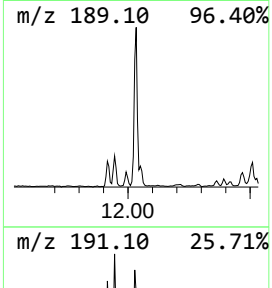
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	11.00 ng	516694	Phenanthrene-d10	11.416

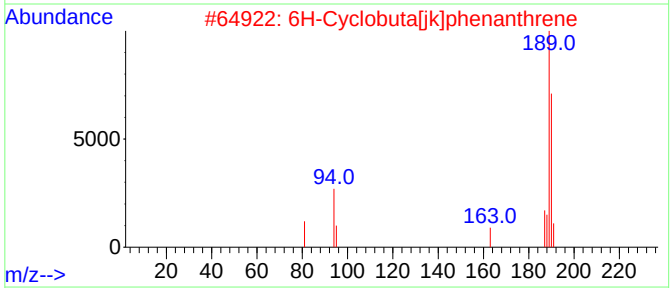
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	Methyl diselenide	190	C2H6Se2	007101-31-7	22
5	1-Aminocyclopentanecarboxylic ac...	375	C19H34ClNO4	1000329-17-1	16

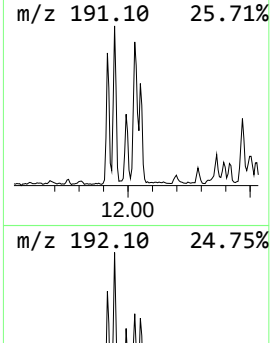


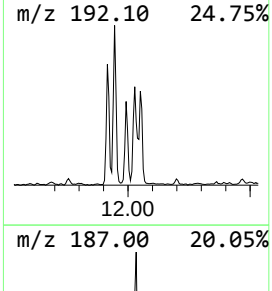


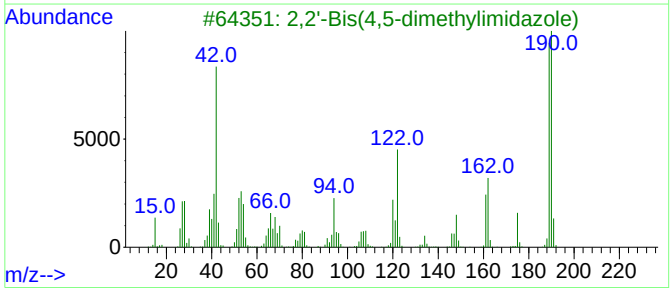


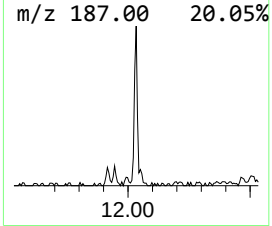












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125456.D
Acq On : 13 Sep 2021 21:53
Operator : JU/CG
Sample : M3719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-091021

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

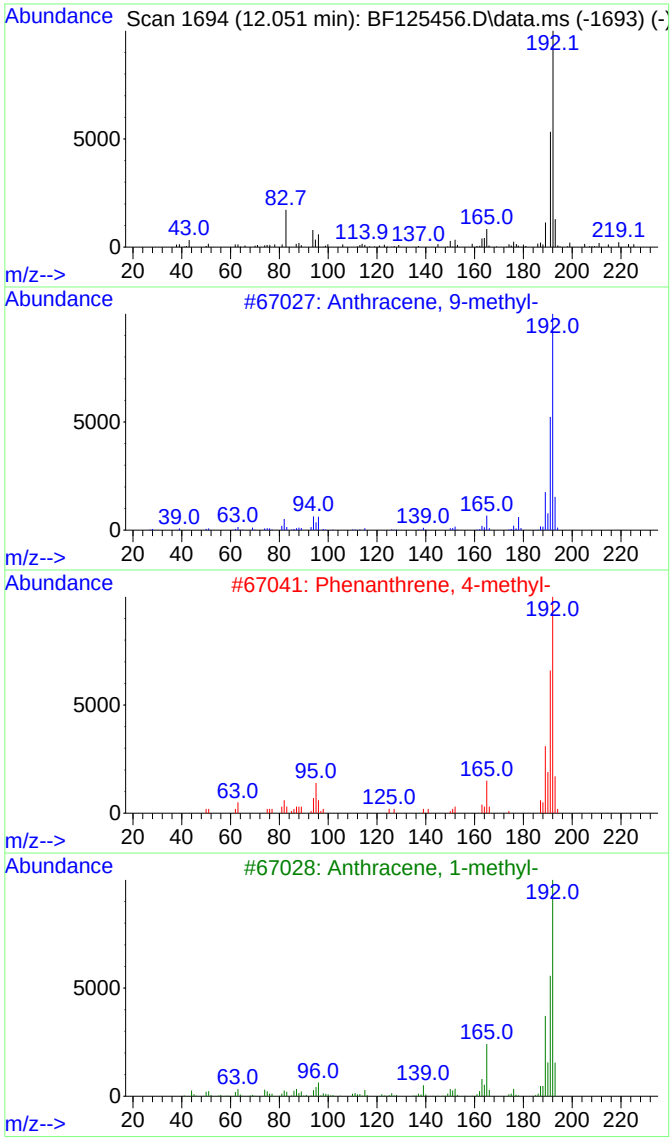
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

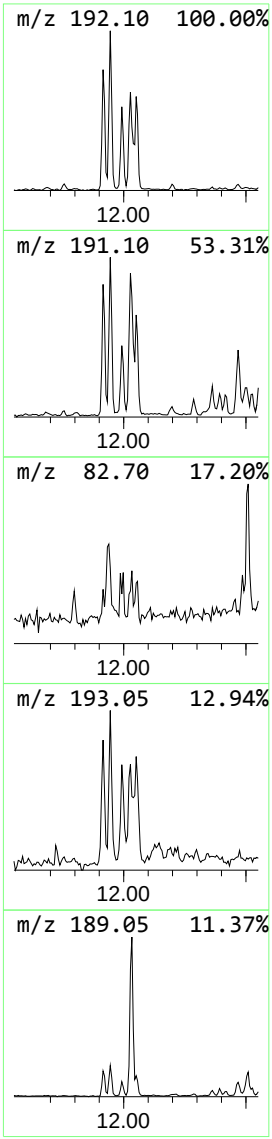
****

Peak Number 10 Anthracene, 9-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.051	2.38 ng	111863	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	80
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	80
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	78
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125456.D
Acq On : 13 Sep 2021 21:53
Operator : JU/CG
Sample : M3719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-091021

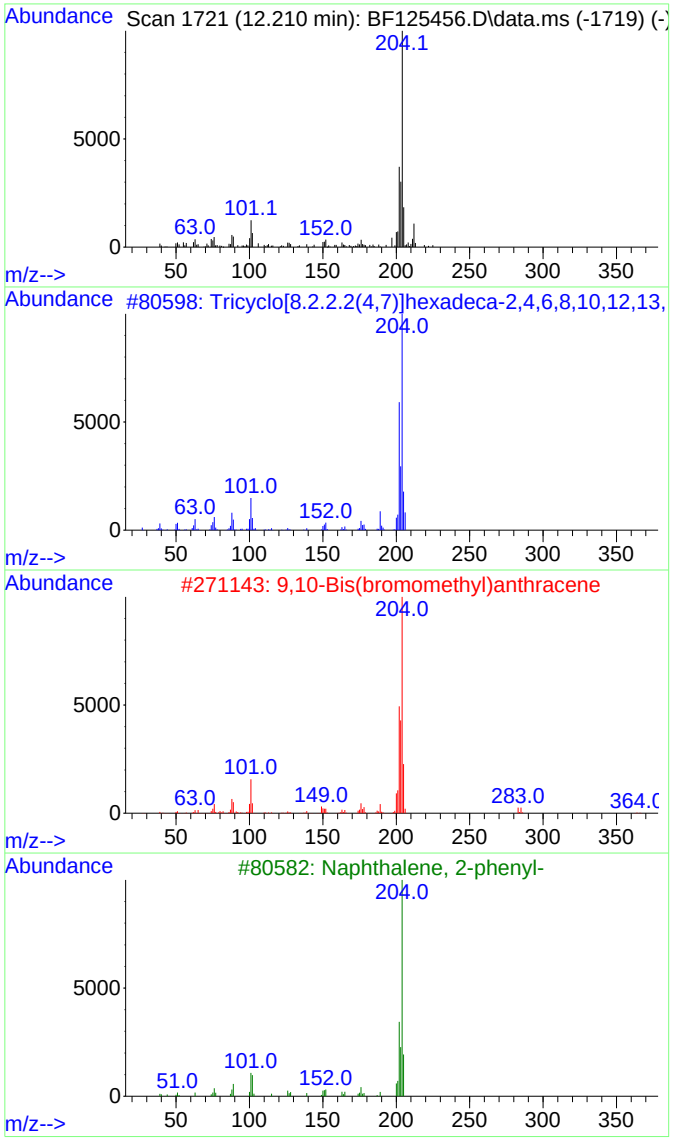
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

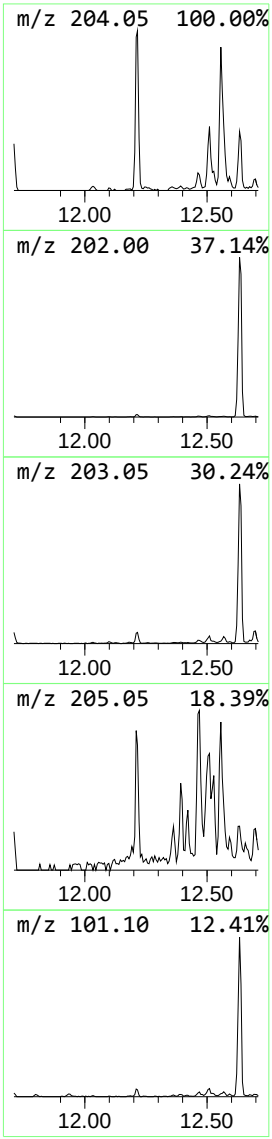
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.210	2.51 ng	117872	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	94
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	87
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125456.D
Acq On : 13 Sep 2021 21:53
Operator : JU/CG
Sample : M3719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-091021

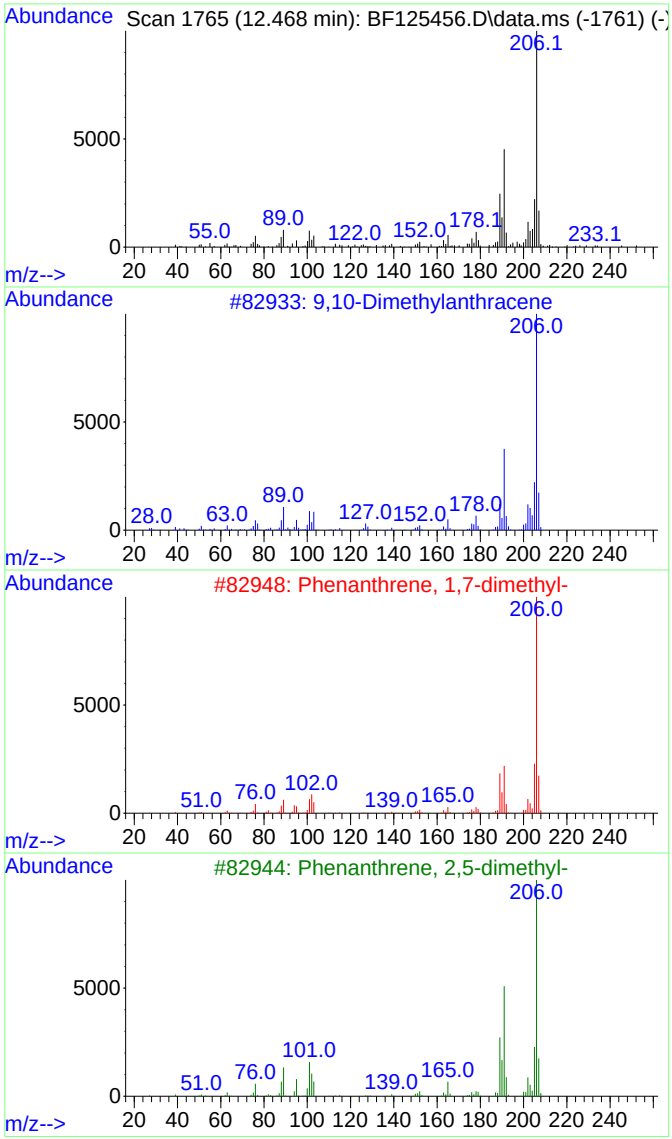
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

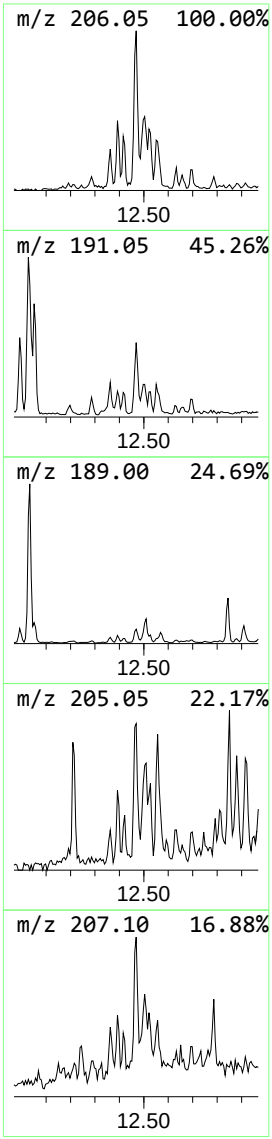
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9,10-Dimethylanthracene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.468	4.21 ng	197908	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125456.D
Acq On : 13 Sep 2021 21:53
Operator : JU/CG
Sample : M3719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-091021

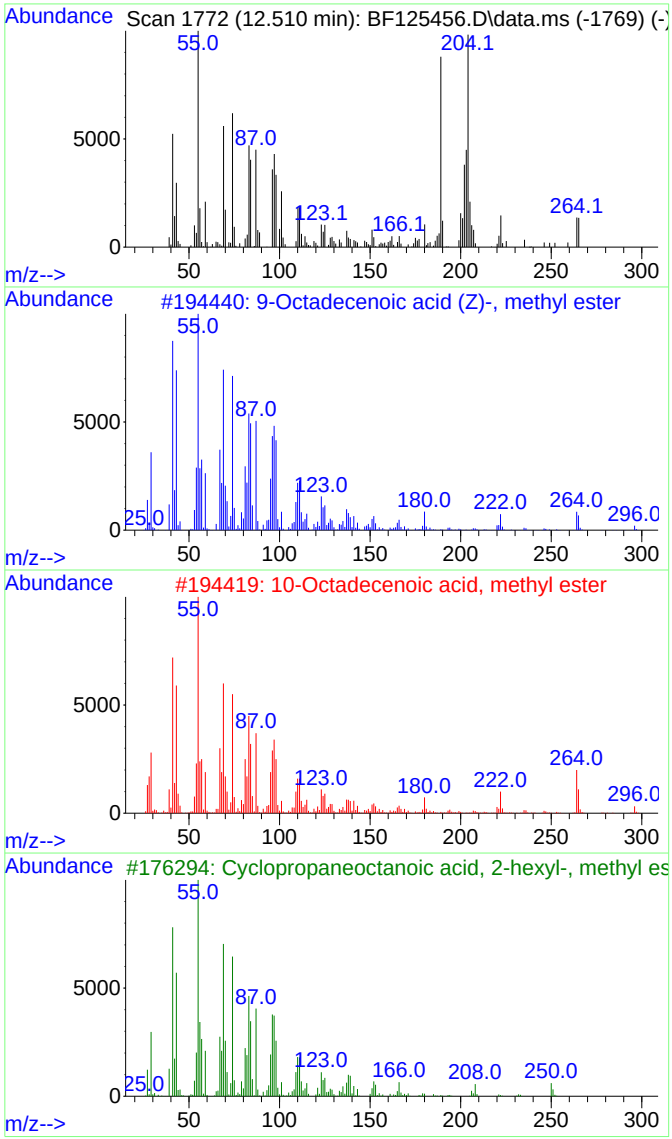
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

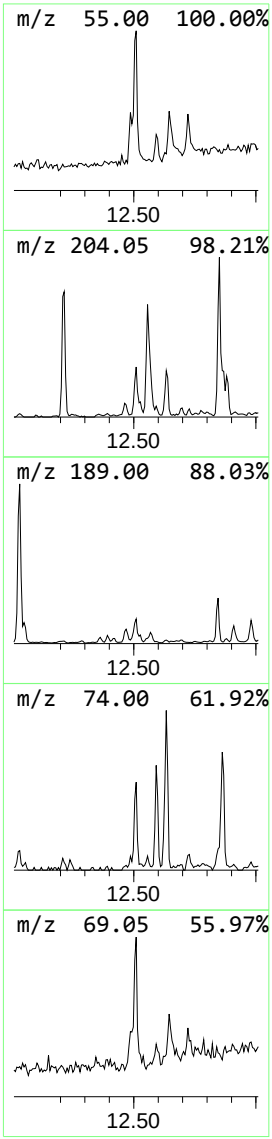
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9-Octadecenoic acid (Z)-, m... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	8.71 ng	408916	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	70
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	38
3	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	35
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	35
5	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125456.D
Acq On : 13 Sep 2021 21:53
Operator : JU/CG
Sample : M3719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-091021

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

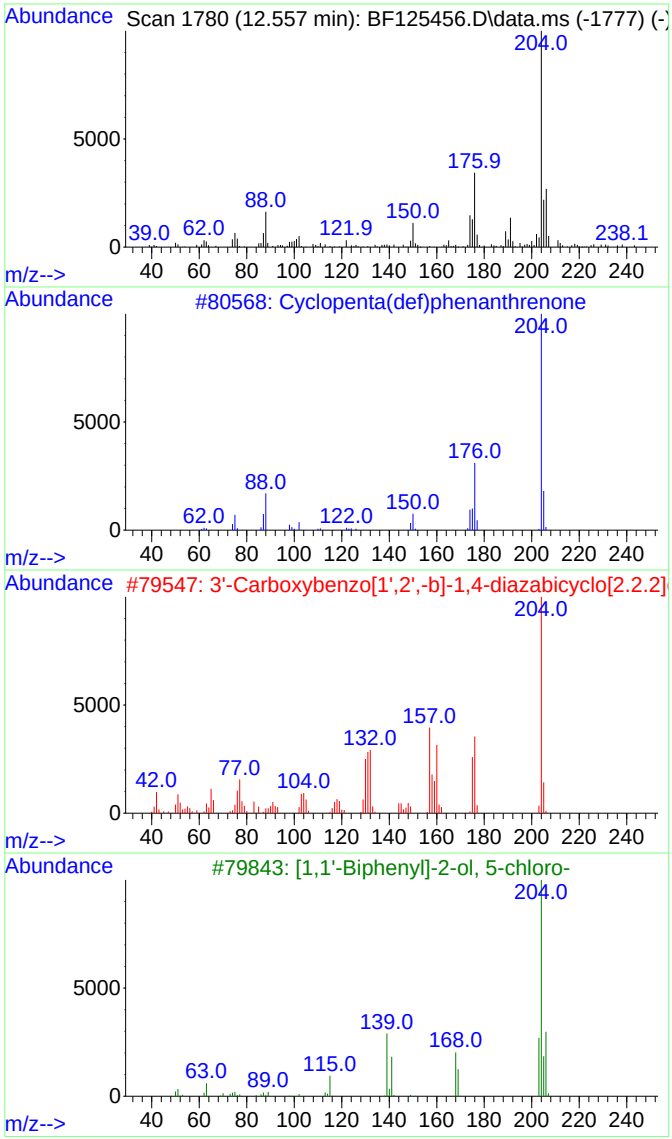
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

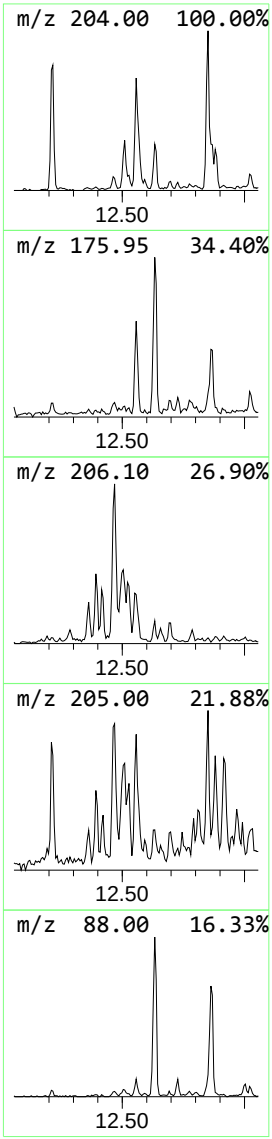
****

Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.557	3.85 ng	180772	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	3'-Carboxybenzo[1',2',-b]-1,4-di...	204	C11H12N2O2	138023-41-3	49
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	49
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125456.D
Acq On : 13 Sep 2021 21:53
Operator : JU/CG
Sample : M3719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-091021

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

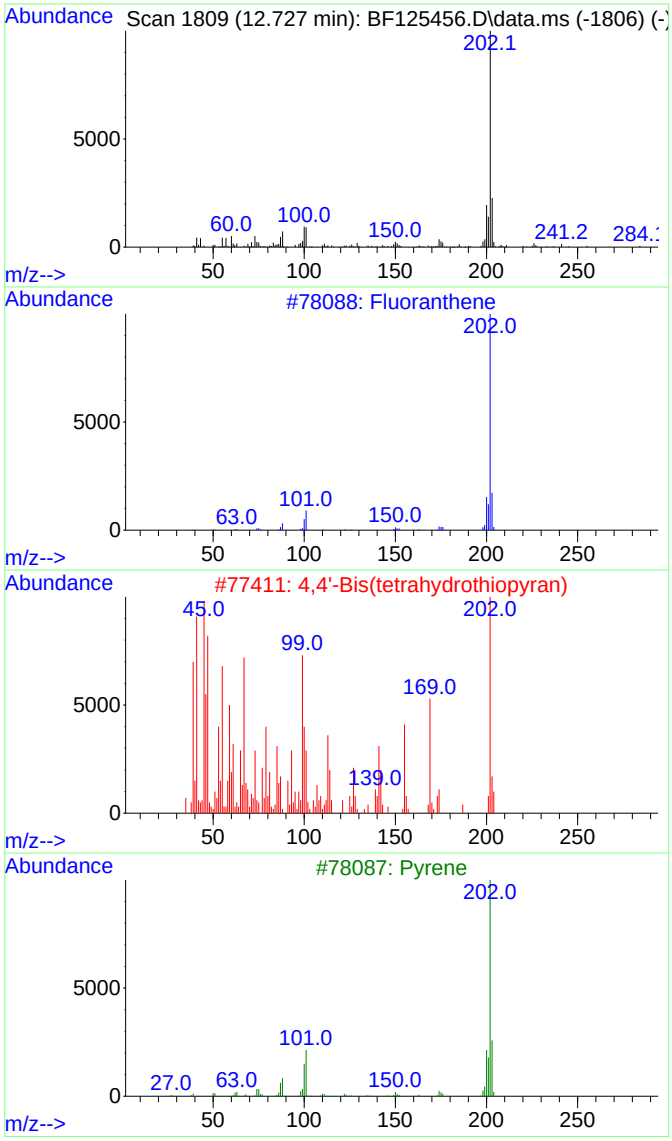
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

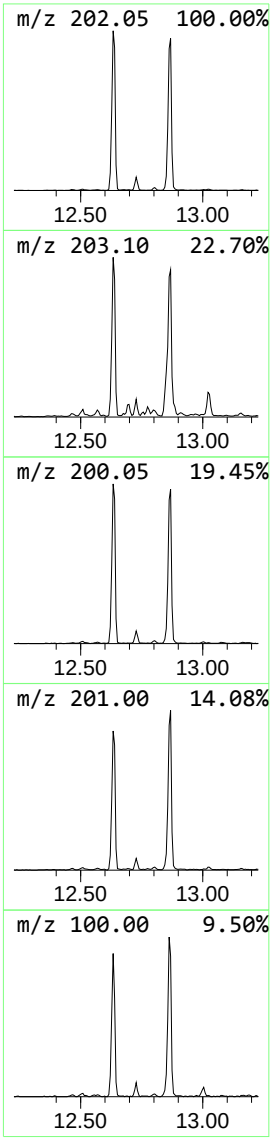
****

Peak Number 15 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.727	4.94 ng	231925	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	94
2	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	91
3	Pyrene	202	C16H10	000129-00-0	89
4	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	76
5	l-Leucine, N-methyl-N-(2-methoxy...	499	C29H57NO5	1000328-55-2	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125456.D
Acq On : 13 Sep 2021 21:53
Operator : JU/CG
Sample : M3719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-091021

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

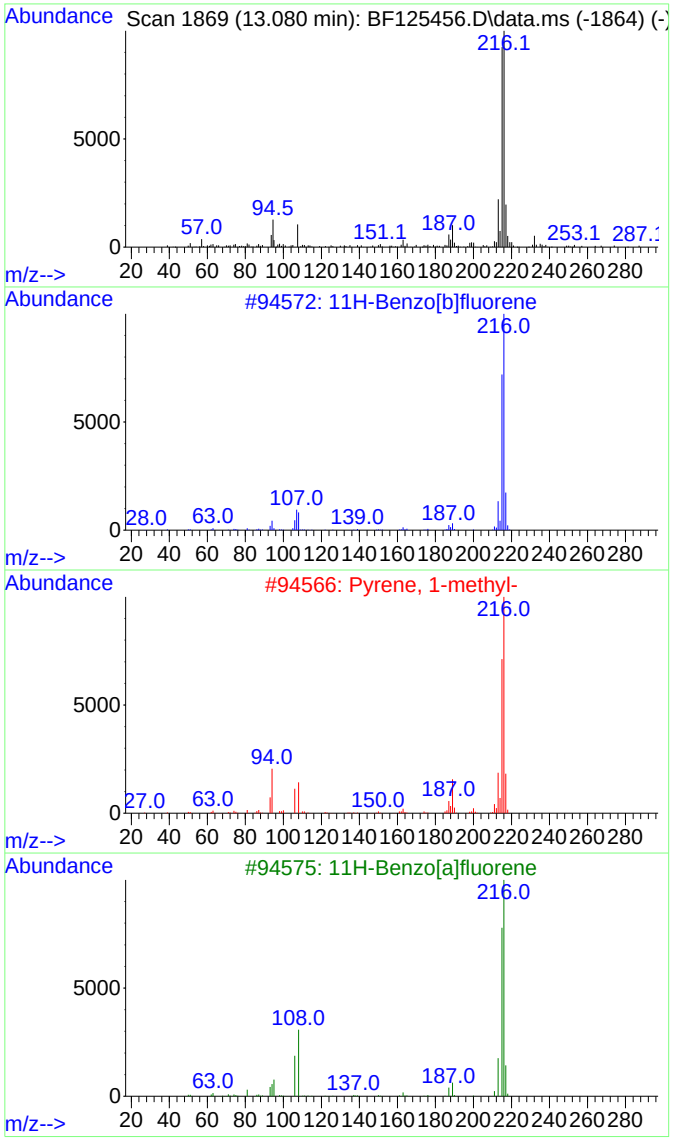
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

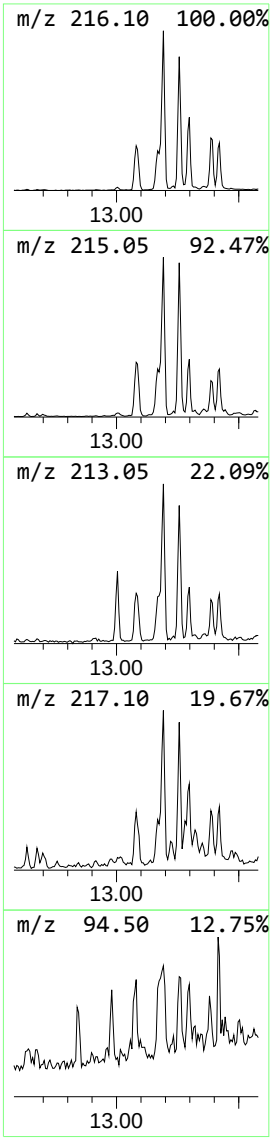
****

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.080	2.65 ng	325877	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125456.D
Acq On : 13 Sep 2021 21:53
Operator : JU/CG
Sample : M3719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-091021

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

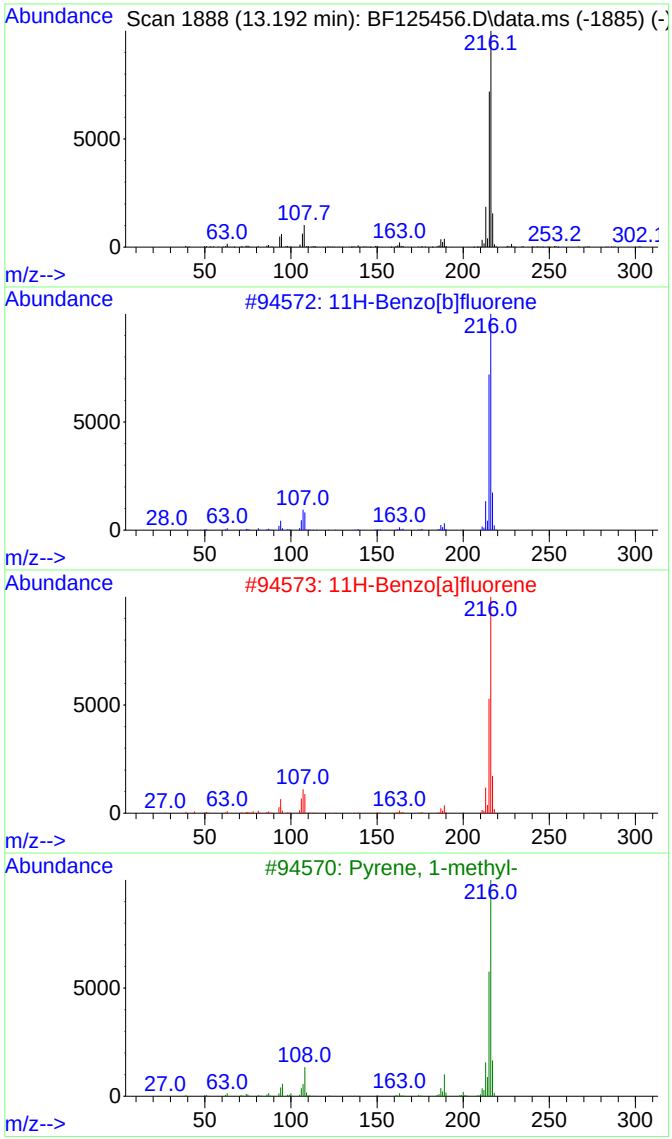
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

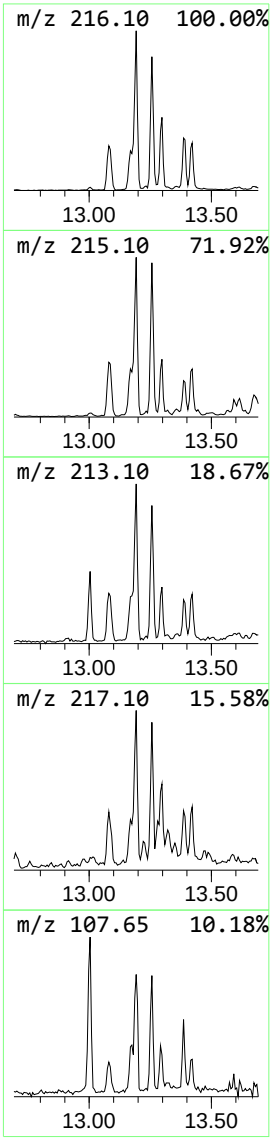
****

Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	4.06 ng	498355	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125456.D
Acq On : 13 Sep 2021 21:53
Operator : JU/CG
Sample : M3719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-091021

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

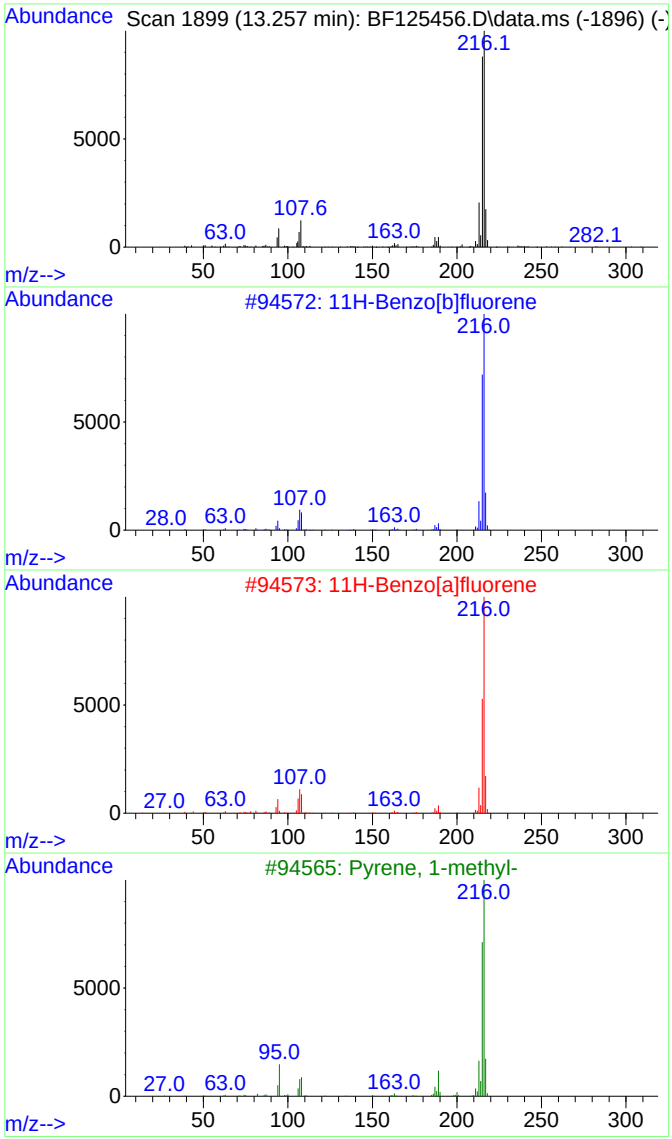
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

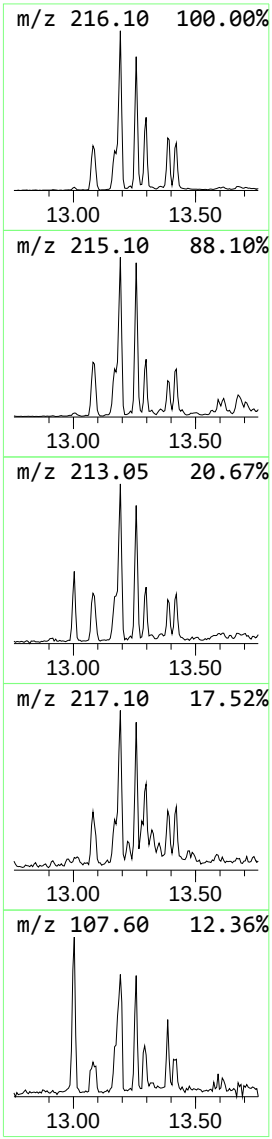
****

Peak Number 18 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.257	2.98 ng	366316	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125456.D
Acq On : 13 Sep 2021 21:53
Operator : JU/CG
Sample : M3719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-091021

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

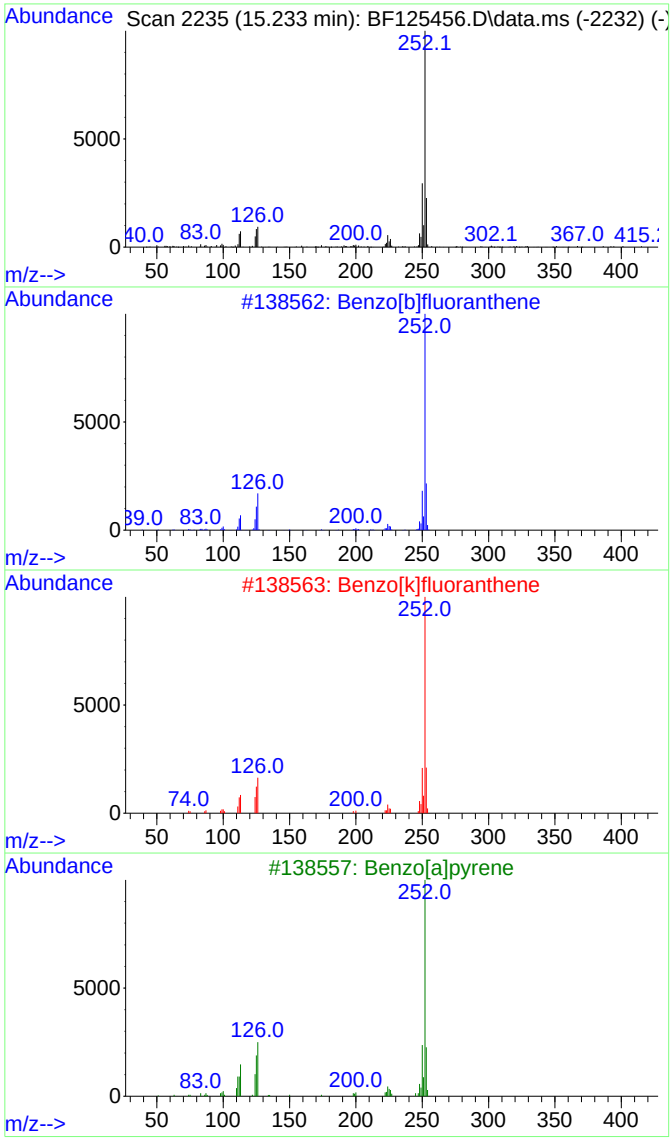
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

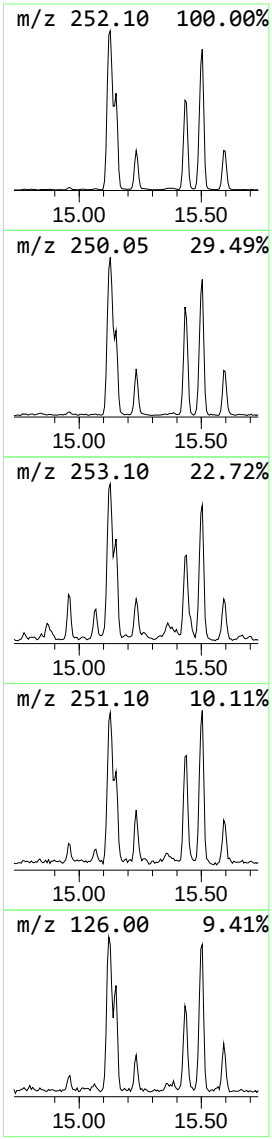
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	6.72 ng	197293	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[e]pyrene	252	C20H12	000192-97-2	89
5	Perylene	252	C20H12	000198-55-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125456.D
Acq On : 13 Sep 2021 21:53
Operator : JU/CG
Sample : M3719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-091021

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

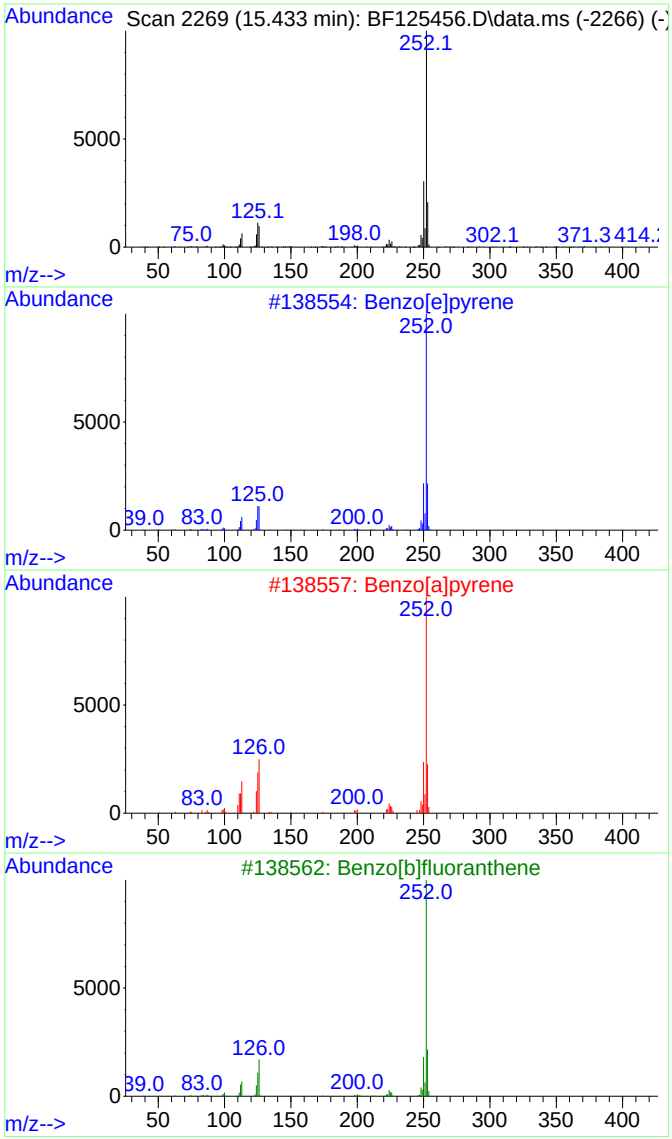
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

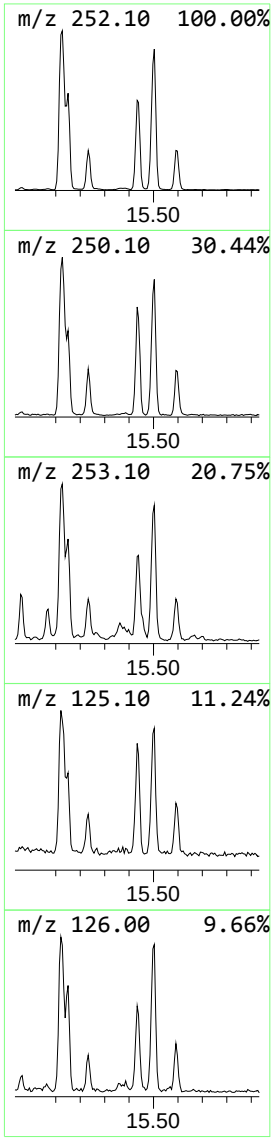
****

Peak Number 20 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.433	22.55 ng	662454	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125456.D
Acq On : 13 Sep 2021 21:53
Operator : JU/CG
Sample : M3719-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-091021

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...	2.169	35.5	ng	1590070	1	6.886	895330	20.0
2-Pentanone, 4-...	5.104	15.5	ng	695309	1	6.886	895330	20.0
Ethanol, 2-(2-b...	8.069	11.9	ng	652861	2	8.169	1094020	20.0
unknown10.833	10.833	2.4	ng	113782	4	11.416	939197	20.0
Hexadecanoic ac...	11.798	2.4	ng	110627	4	11.416	939197	20.0
Anthracene, 2-m...	11.916	4.5	ng	213779	4	11.416	939197	20.0
1H-Indene, 2-ph...	11.939	9.3	ng	435639	4	11.416	939197	20.0
Anthracene, 1-m...	11.992	2.4	ng	114715	4	11.416	939197	20.0
4H-Cyclopenta[d...	12.033	11.0	ng	516694	4	11.416	939197	20.0
Anthracene, 9-m...	12.051	2.4	ng	111863	4	11.416	939197	20.0
Tricyclo[8.2.2....	12.210	2.5	ng	117872	4	11.416	939197	20.0
9,10-Dimethylan...	12.468	4.2	ng	197908	4	11.416	939197	20.0
9-Octadecenoic ...	12.510	8.7	ng	408916	4	11.416	939197	20.0
Cyclopenta(def)...	12.557	3.9	ng	180772	4	11.416	939197	20.0
4,4'-Bis(tetrah...	12.727	4.9	ng	231925	4	11.416	939197	20.0
11H-Benzo[b]flu...	13.080	2.6	ng	325877	5	14.068	2456390	20.0
11H-Benzo[a]flu...	13.192	4.1	ng	498355	5	14.068	2456390	20.0
Pyrene, 1-methyl-	13.257	3.0	ng	366316	5	14.068	2456390	20.0
Benzo[e]pyrene	15.233	6.7	ng	197293	6	15.562	587490	20.0
Benzo[j]fluoran...	15.433	22.6	ng	662454	6	15.562	587490	20.0