LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
Data File : BF125666.D
Acq On : 25 Sep 2021 20:11
Operator : JU/CG
Sample : M3941-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124042

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-BF092421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125666.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	7	13	19	rVB	1034245	1274015	35.88%	2.971%
2	5.504	576	581	584	rBV	3341120	3169515	89.26%	7.390%
3	6.504	746	751	754	rBV	3050635	3196382	90.01%	7.453%
4	6.886	812	816	819	rBV	1303687	984760	27.73%	2.296%
5	7.445	906	911	914	rBV	2351739	2031833	57.22%	4.738%
6	8.063	1013	1016	1022	rBV	474965	413233	11.64%	0.964%
7	8.169	1030	1034	1036	rBV	1563675	1342719	37.81%	3.131%
8	8.186	1036	1037	1041	rVB	137334	85411	2.41%	0.199%
9	8.227	1041	1044	1051	rBV2	43875	62891	1.77%	0.147%
10	8.880	1152	1155	1158	rVB	77438	65071	1.83%	0.152%
11	8.980	1166	1172	1175	rVB2	40723	42455	1.20%	0.099%
12	9.245	1212	1217	1220	rBV	3932369	3551051	100.00%	8.280%
13	9.339	1231	1233	1239	rVB	67365	58971	1.66%	0.138%
14	9.504	1257	1261	1265	rVB2	55765	73341	2.07%	0.171%
15	9.580	1269	1274	1276	rVV	92185	92590	2.61%	0.216%
16	9.604	1276	1278	1281	rVB	64738	47549	1.34%	0.111%
17	9.692	1287	1293	1295	rBV2	44096	53398	1.50%	0.125%
18	9.921	1326	1332	1335	rBV	1855282	1559541	43.92%	3.636%
19	9.951	1335	1337	1341	rVB	909644	748573	21.08%	1.745%
20	10.027	1346	1350	1354	rVB3	35188	50857	1.43%	0.119%
21	10.080	1354	1359	1363	rBV2	71667	79412	2.24%	0.185%
22	10.121	1363	1366	1370	rVV	346680	285941	8.05%	0.667%
23	10.163	1370	1373	1380	rVB	57820	53365	1.50%	0.124%
24	10.239	1383	1386	1388	rBV	51297	47389	1.33%	0.110%
25	10.327	1397	1401	1403	rBV	43765	52733	1.48%	0.123%
26	10.421	1414	1417	1421	rVB3	42443	55297	1.56%	0.129%
27	10.469	1421	1425	1430	rVV	638957	561709	15.82%	1.310%
28	10.516	1430	1433	1434	rVV	72924	56078	1.58%	0.131%
29	10.533	1434	1436	1438	rVV	160720	138749	3.91%	0.324%
30	10.551	1438	1439	1442	rVV2	125370	95436	2.69%	0.223%
31	10.580	1442	1444	1446	rVV2	70115	62719	1.77%	0.146%
32	10.621	1449	1451	1456	rVB	175414	167079	4.71%	0.390%
33	10.704	1461	1465	1469	rVV	2397015	2378581	66.98%	5.546%
34	10.751	1469	1473	1477	rVB3	48469	79676	2.24%	0.186%
35	10.821	1481	1485	1490	rVB4	99743	128879	3.63%	0.301%
36	10.898	1493	1498	1502	rBV4	68803	85345	2.40%	0.199%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
Data File : BF125666.D
Acq On : 25 Sep 2021 20:11
Operator : JU/CG
Sample : M3941-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124042

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-BF092421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.016	1511	1518	1520	rBV2	154092	189304	5.33%	0.441%
38	11.039	1520	1522	1526	rVV2	79639	98345	2.77%	0.229%
39	11.098	1529	1532	1535	rVV2	90652	85890	2.42%	0.200%
40	11.145	1535	1540	1541	rVV3	73573	104683	2.95%	0.244%
41	11.163	1541	1543	1545	rVV2	88426	87123	2.45%	0.203%
42	11.210	1548	1551	1555	rVV3	70427	81914	2.31%	0.191%
43	11.251	1555	1558	1564	rVV2	82293	139998	3.94%	0.326%
44	11.304	1564	1567	1572	rVB	228650	218281	6.15%	0.509%
45	11.404	1581	1584	1586	rBV	1474641	1296922	36.52%	3.024%
46	11.427	1586	1588	1592	rVV	1580901	1297253	36.53%	3.025%
47	11.480	1594	1597	1600	rVB	466112	345992	9.74%	0.807%
48	11.510	1600	1602	1606	rBV	161401	140239	3.95%	0.327%
49	11.633	1616	1623	1625	rBV2	83811	102604	2.89%	0.239%
50	11.657	1625	1627	1632	rVV3	38323	47393	1.33%	0.111%
51	11.704	1632	1635	1638	rVV2	71816	66520	1.87%	0.155%
52	11.733	1638	1640	1646	rVB2	74329	73218	2.06%	0.171%
53	11.815	1652	1654	1658	rVB	47392	45754	1.29%	0.107%
54	11.904	1664	1669	1671	rBV	189156	199954	5.63%	0.466%
55	11.933	1671	1674	1678	rVB2	413601	422210	11.89%	0.984%
56	11.980	1678	1682	1685	rBV	137678	120731	3.40%	0.282%
57	12.021	1685	1689	1691	rBV	602848	584645	16.46%	1.363%
58	12.204	1716	1720	1722	rBV	184800	182893	5.15%	0.426%
59	12.221	1722	1723	1727	rVB2	56481	41862	1.18%	0.098%
60	12.351	1739	1745	1747	rBV3	58870	76631	2.16%	0.179%
61	12.457	1759	1763	1766	rBV	89008	106615	3.00%	0.249%
62	12.492	1766	1769	1771	rVV3	66753	75143	2.12%	0.175%
63	12.539	1774	1777	1782	rBV2	70959	78301	2.21%	0.183%
64	12.615	1787	1790	1794	rBV	2146835	2012496	56.67%	4.693%
65	12.710	1804	1806	1809	rBV3	95520	90944	2.56%	0.212%
66	12.768	1813	1816	1819	rVV	97884	92961	2.62%	0.217%
67	12.845	1823	1829	1832	rBV2	1549051	1686330	47.49%	3.932%
68	12.892	1835	1837	1842	rVB3	70850	82986	2.34%	0.194%
69	12.962	1846	1849	1850	rBV	82961	67529	1.90%	0.157%
70	12.992	1850	1854	1857	rVV	3056027	2871022	80.85%	6.694%
71	13.062	1861	1866	1869	rBV3	86541	131356	3.70%	0.306%
72	13.151	1878	1881	1882	rBV2	48833	52410	1.48%	0.122%
73	13.174	1882	1885	1888	rVB	266899	238771	6.72%	0.557%
74	13.239	1888	1896	1899	rBV	302367	299644	8.44%	0.699%
75	13.274	1899	1902	1905	rVV2	117960	125349	3.53%	0.292%
76	13.368	1915	1918	1921	rBV	55073	45034	1.27%	0.105%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
Data File : BF125666.D
Acq On : 25 Sep 2021 20:11
Operator : JU/CG
Sample : M3941-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124042

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-BF092421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.398	1921	1923	1927	rBV2	56104	53172	1.50%	0.124%
78	13.674	1968	1970	1975	rVB	40505	56157	1.58%	0.131%
79	13.792	1985	1990	1992	rBV	122634	126781	3.57%	0.296%
80	13.821	1992	1995	1997	rVV	94030	103840	2.92%	0.242%
81	13.839	1997	1998	2002	rVV2	68198	88911	2.50%	0.207%
82	13.892	2005	2007	2013	rVV6	73848	119615	3.37%	0.279%
83	13.957	2016	2018	2024	rVB	39357	48687	1.37%	0.114%
84	14.039	2024	2032	2035	rBV3	1466858	1927695	54.29%	4.495%
85	14.062	2035	2036	2042	rVB	377243	334460	9.42%	0.780%
86	14.145	2045	2050	2054	rBV2	76620	95545	2.69%	0.223%
87	14.257	2066	2069	2074	rBV3	36037	48721	1.37%	0.114%
88	14.427	2094	2098	2101	rVB	66186	76014	2.14%	0.177%
89	14.515	2110	2113	2116	rBV2	54184	56823	1.60%	0.132%
90	14.721	2146	2148	2153	rBV5	20996	41498	1.17%	0.097%
91	14.904	2175	2179	2185	rBV	226061	240241	6.77%	0.560%
92	15.080	2205	2209	2213	rBV	207693	330667	9.31%	0.771%
93	15.168	2221	2224	2226	rBV2	38079	42854	1.21%	0.100%
94	15.386	2258	2261	2268	rVB	122154	144082	4.06%	0.336%
95	15.451	2268	2272	2276	rBV	142469	166859	4.70%	0.389%
96	15.515	2278	2283	2287	rBV	980485	1177258	33.15%	2.745%
97	15.998	2361	2365	2370	rVB3	47410	71578	2.02%	0.167%
98	16.515	2449	2453	2457	rBV4	33282	59406	1.67%	0.139%
99	16.992	2529	2534	2540	rVB2	40343	82132	2.31%	0.192%
100	17.433	2605	2609	2617	rVB3	28825	53643	1.51%	0.125%

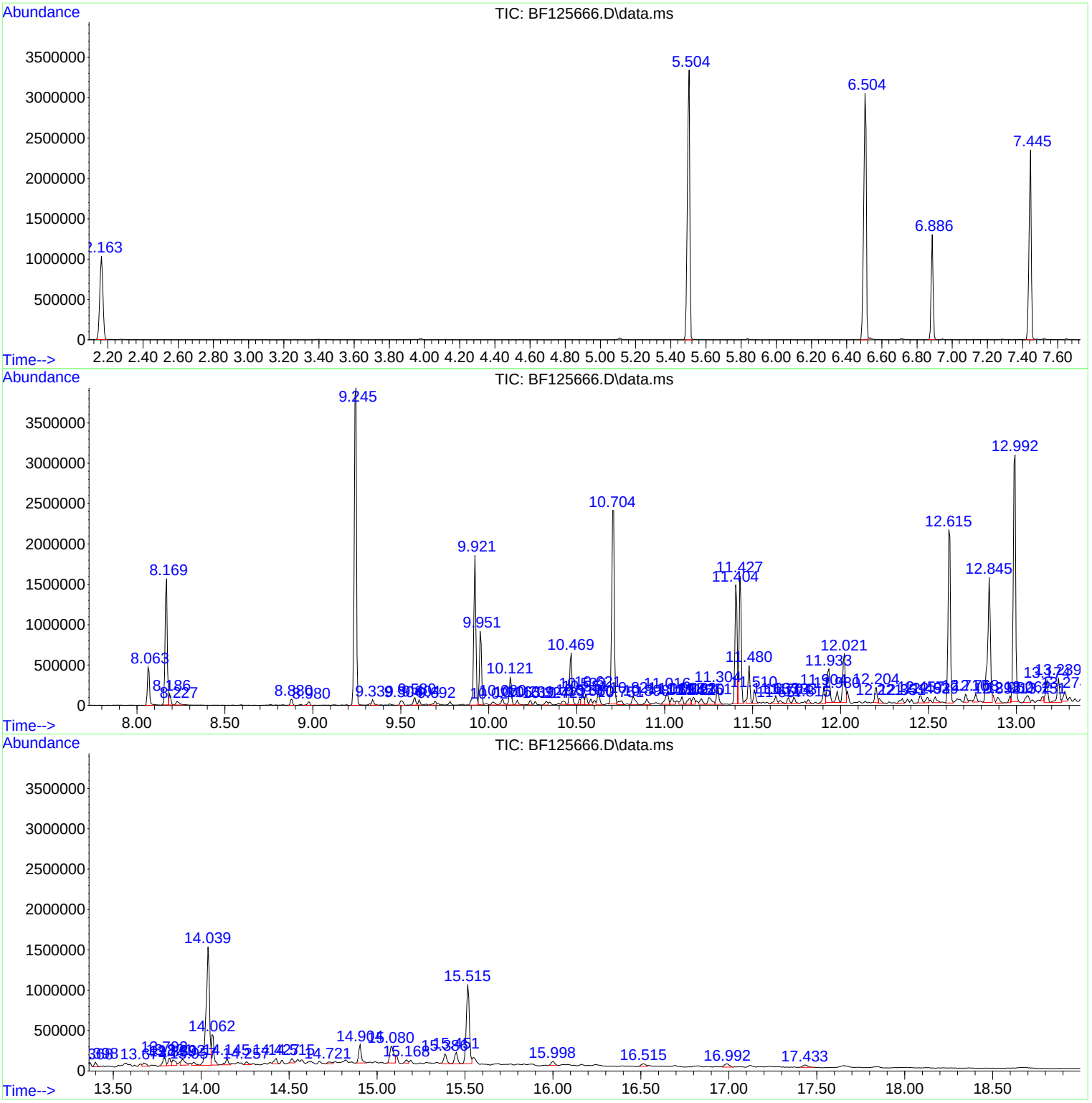
Sum of corrected areas: 42886433

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
Data File : BF125666.D
Acq On : 25 Sep 2021 20:11
Operator : JU/CG
Sample : M3941-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
124042

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.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\BF092521\
Data File : BF125666.D
Acq On : 25 Sep 2021 20:11
Operator : JU/CG
Sample : M3941-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124042

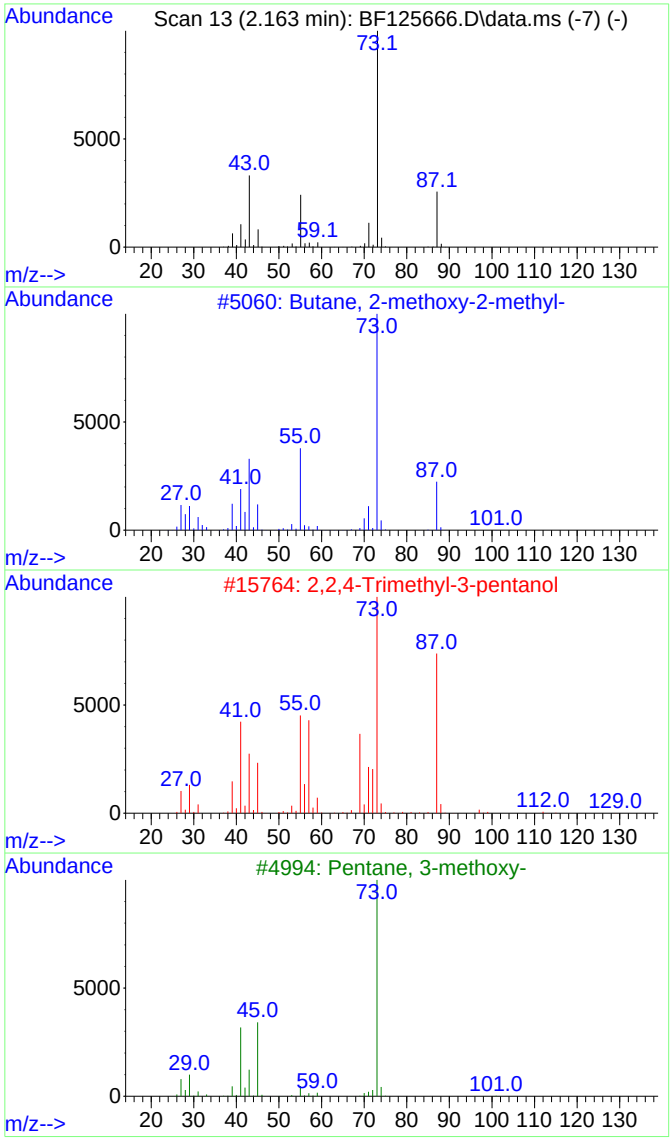
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

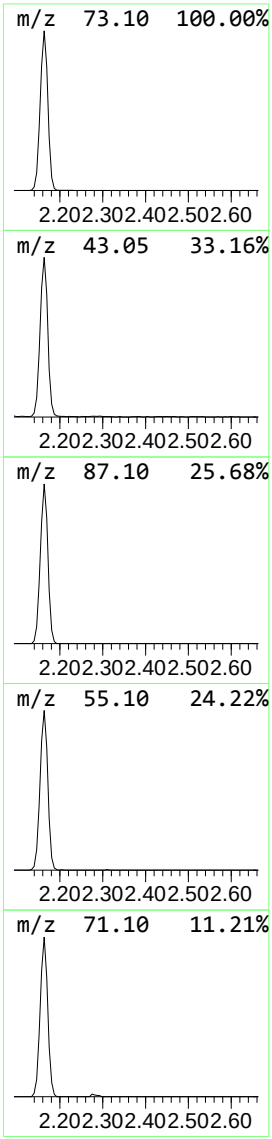
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	25.87 ng	1274020	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	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
Data File : BF125666.D
Acq On : 25 Sep 2021 20:11
Operator : JU/CG
Sample : M3941-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124042

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

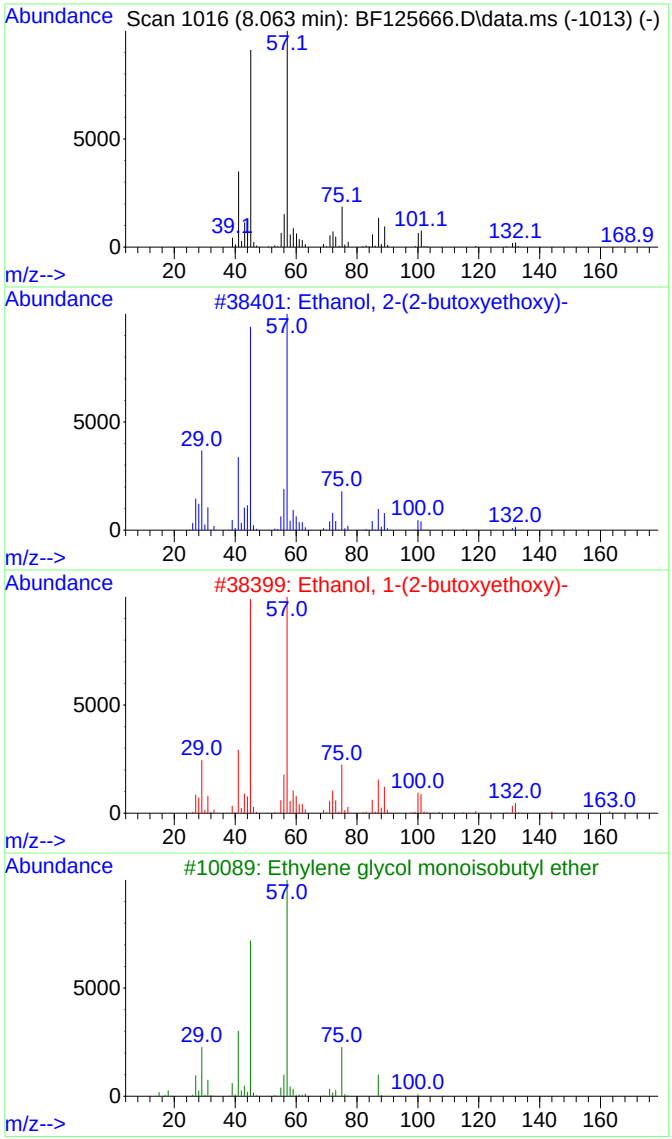
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

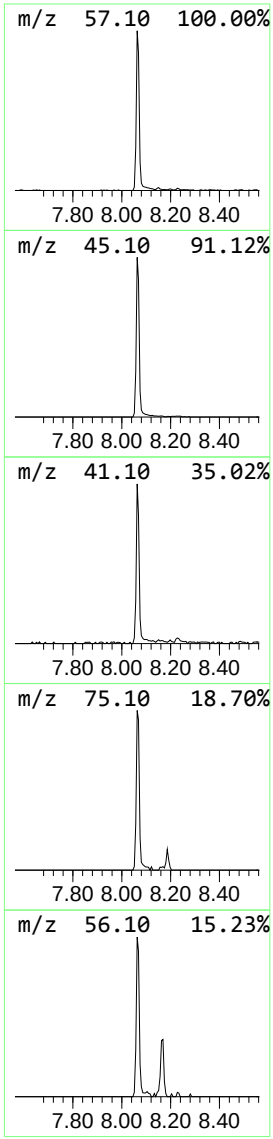
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.063	6.16 ng	413233	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	90
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	56
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
Data File : BF125666.D
Acq On : 25 Sep 2021 20:11
Operator : JU/CG
Sample : M3941-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124042

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

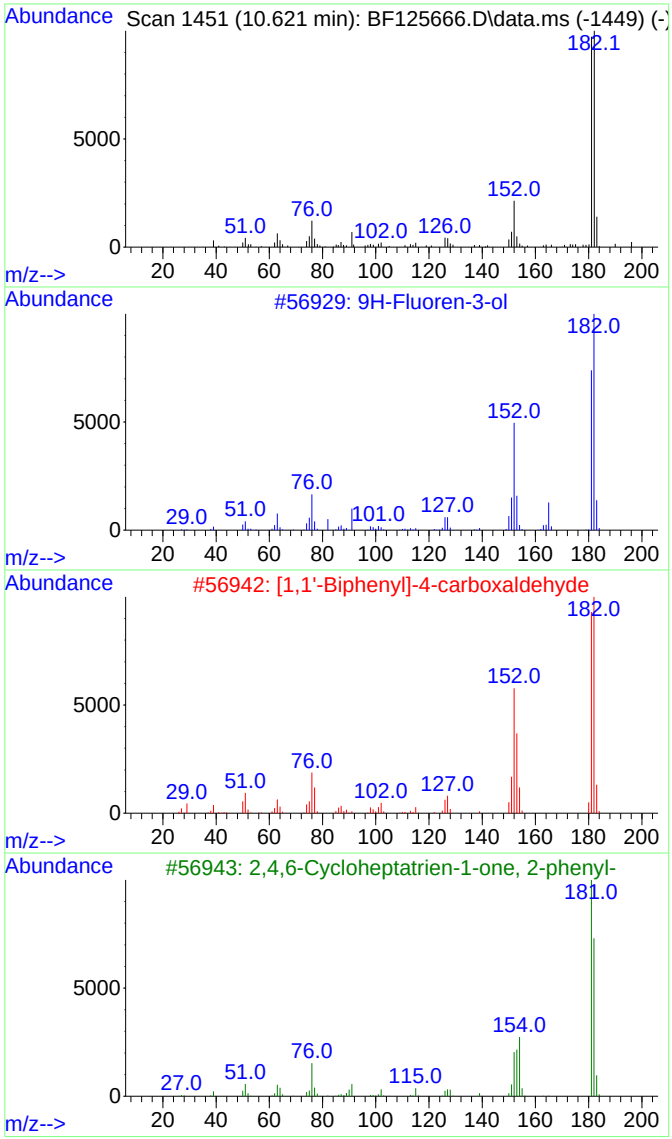
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

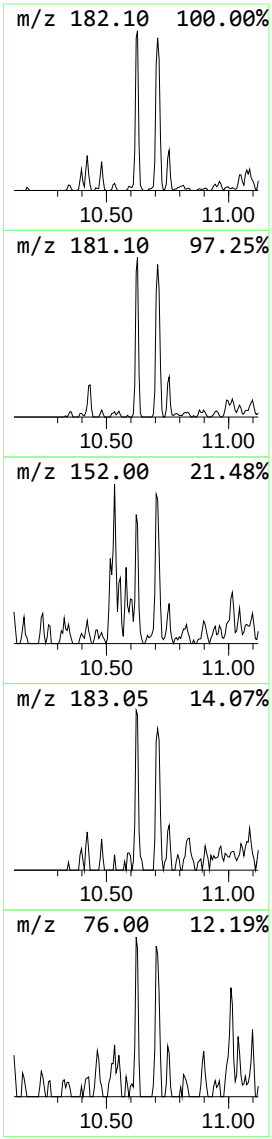
****

Peak Number 3 9H-Fluoren-3-ol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.621	2.14 ng	167079	Acenaphthene-d10	9.921

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
5	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
Data File : BF125666.D
Acq On : 25 Sep 2021 20:11
Operator : JU/CG
Sample : M3941-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
124042

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

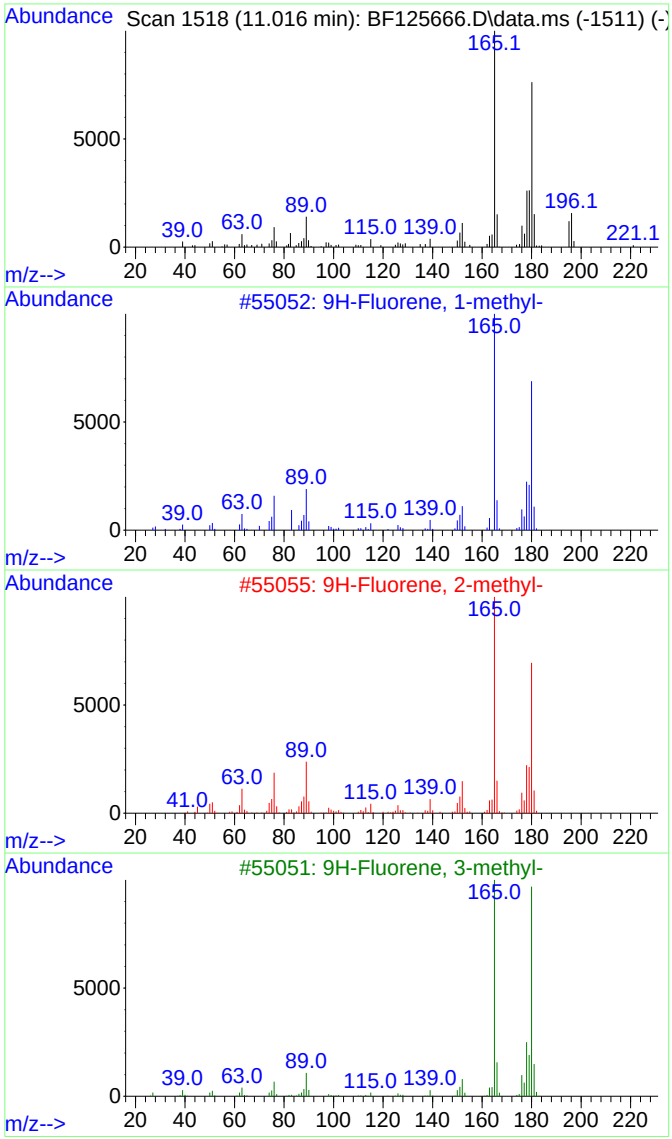
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

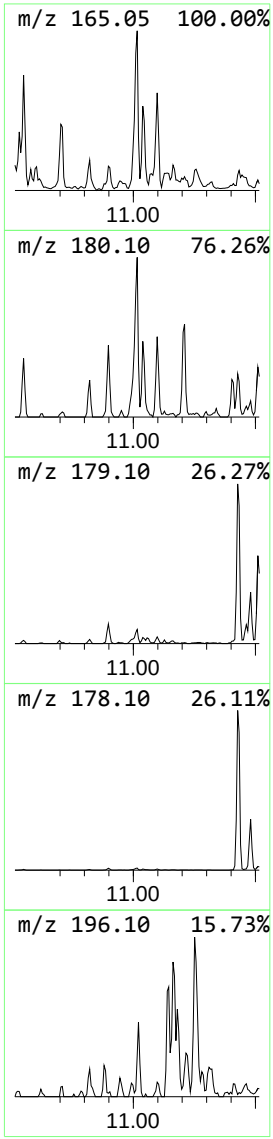
****

Peak Number 4 9H-Fluorene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.015	2.92 ng	189304	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	90
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
Data File : BF125666.D
Acq On : 25 Sep 2021 20:11
Operator : JU/CG
Sample : M3941-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124042

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

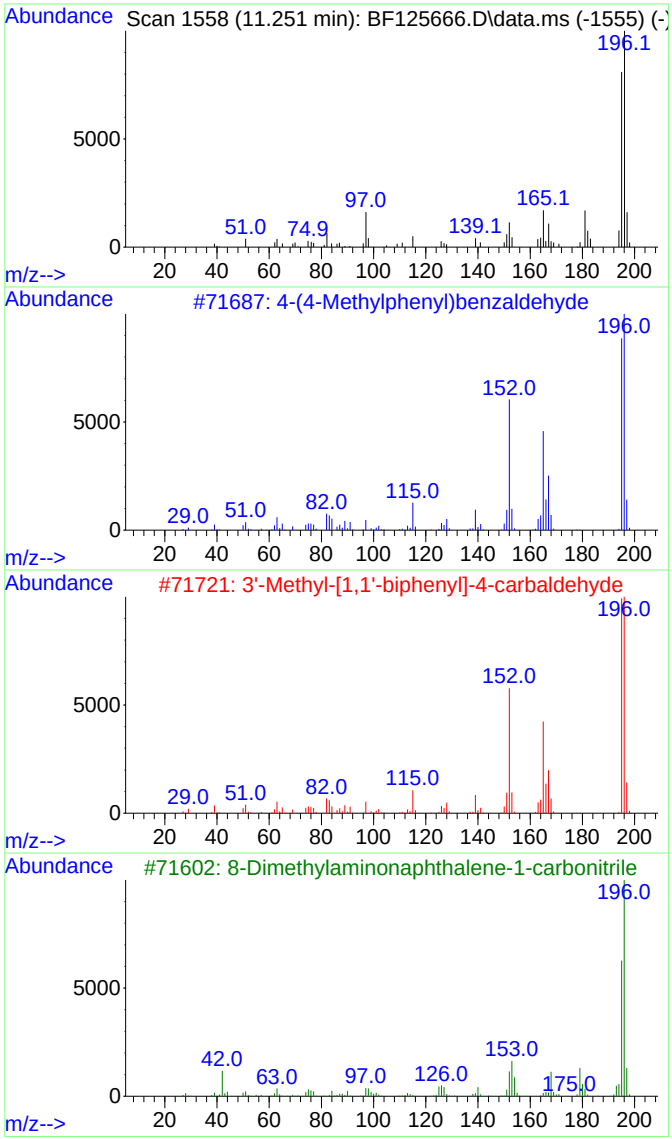
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

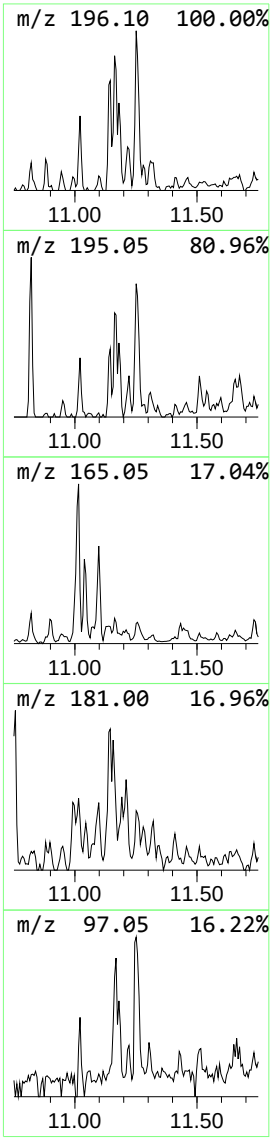
****

Peak Number 5 4-(4-Methylphenyl)benzaldehyde Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.251	2.16 ng	139998	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	83
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	80
3	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	80
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	70
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
Data File : BF125666.D
Acq On : 25 Sep 2021 20:11
Operator : JU/CG
Sample : M3941-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124042

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

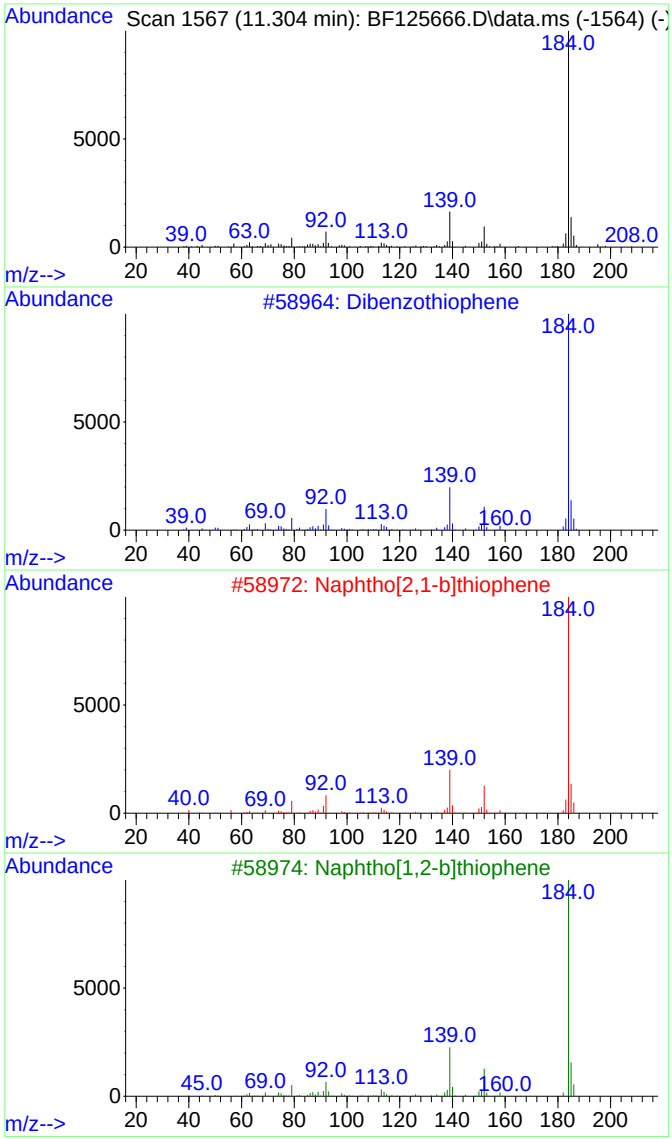
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

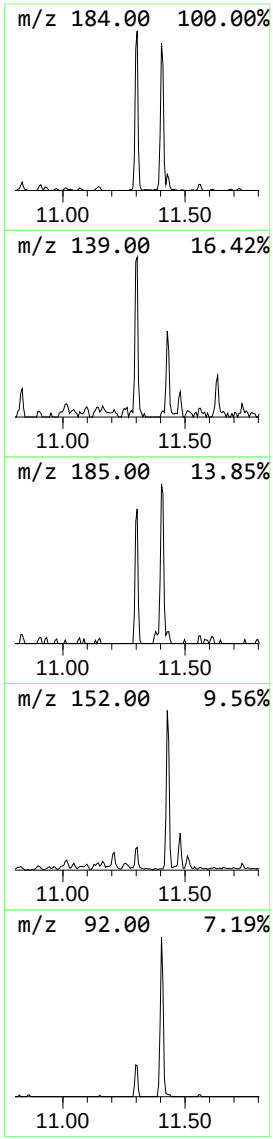
****

Peak Number 6 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.304	3.37 ng	218281	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
Data File : BF125666.D
Acq On : 25 Sep 2021 20:11
Operator : JU/CG
Sample : M3941-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124042

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

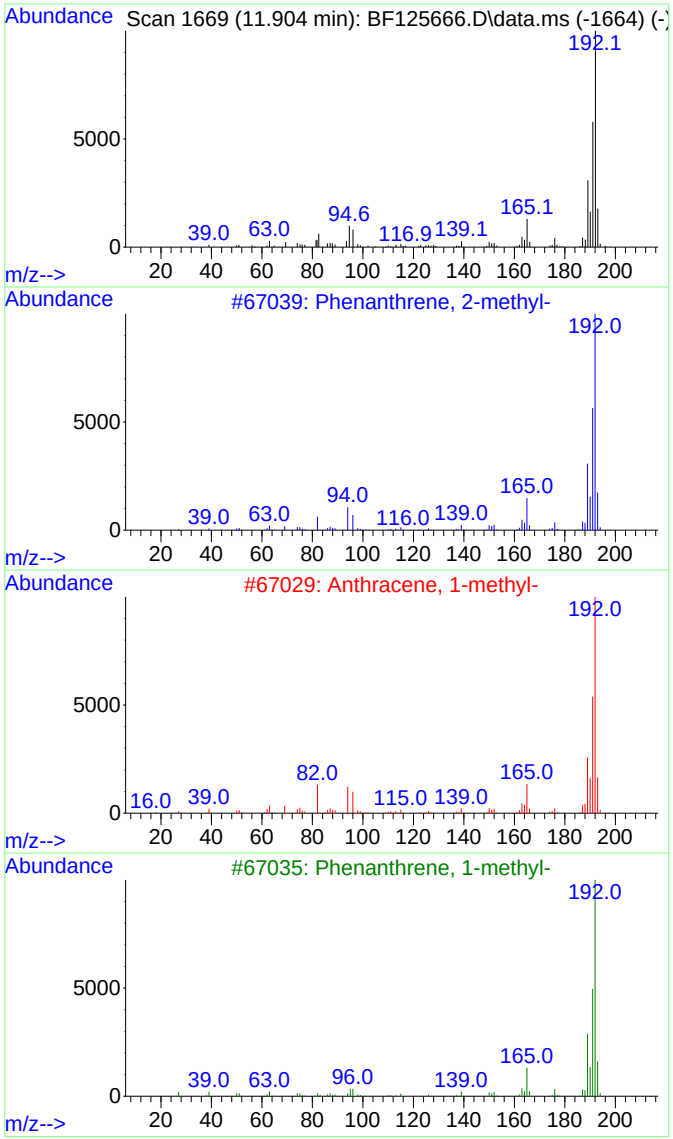
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

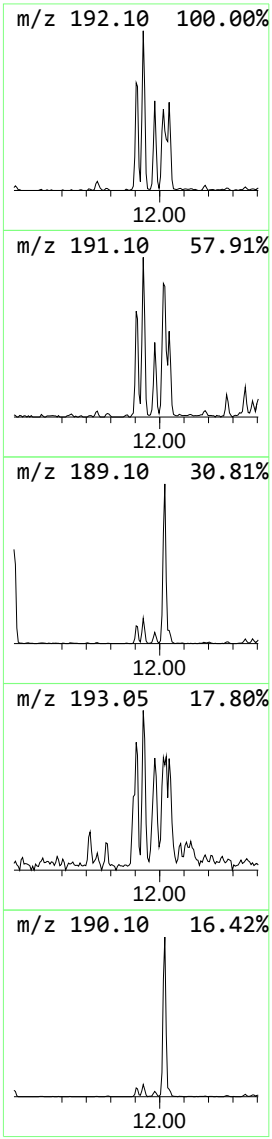
****

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	3.08 ng	199954	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
Data File : BF125666.D
Acq On : 25 Sep 2021 20:11
Operator : JU/CG
Sample : M3941-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124042

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

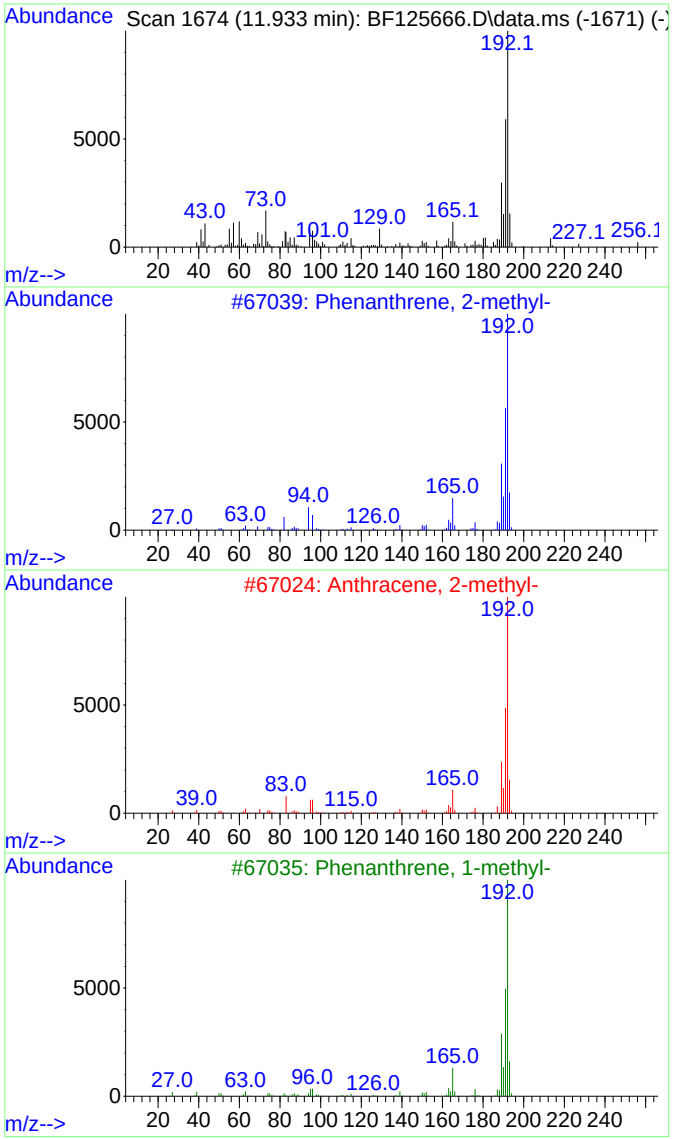
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

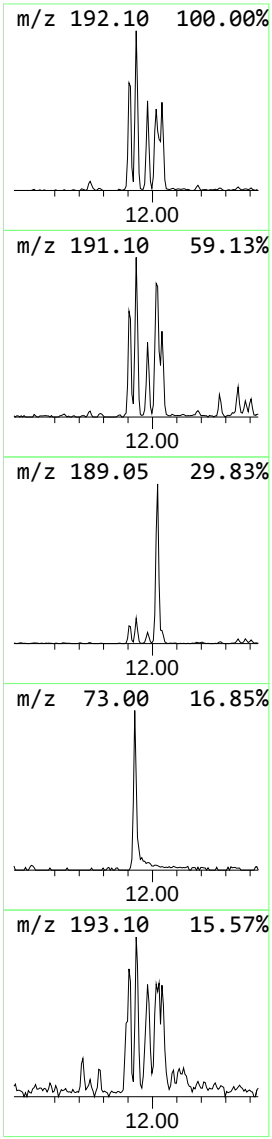
****

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	6.51 ng	422210	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
Data File : BF125666.D
Acq On : 25 Sep 2021 20:11
Operator : JU/CG
Sample : M3941-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124042

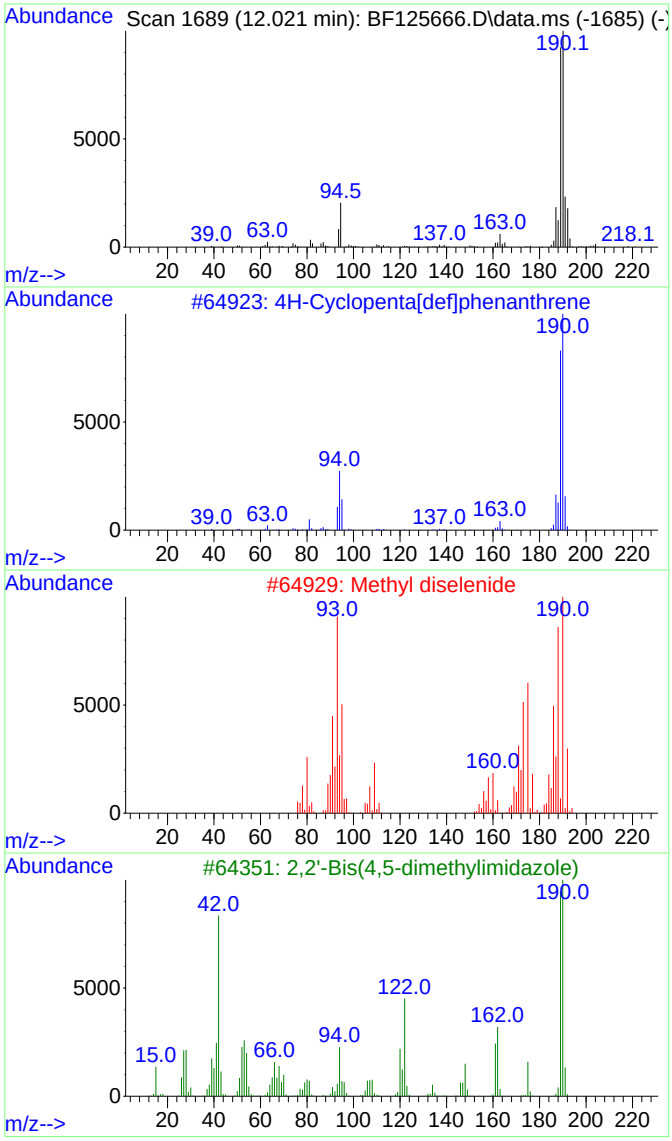
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

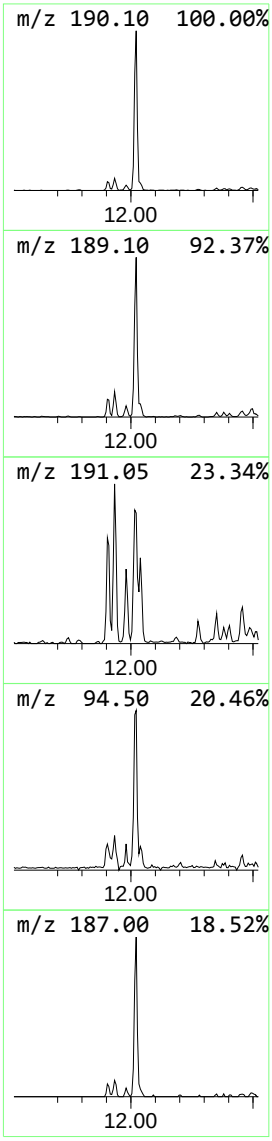
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.021	9.02 ng	584645	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	42
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
Data File : BF125666.D
Acq On : 25 Sep 2021 20:11
Operator : JU/CG
Sample : M3941-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124042

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

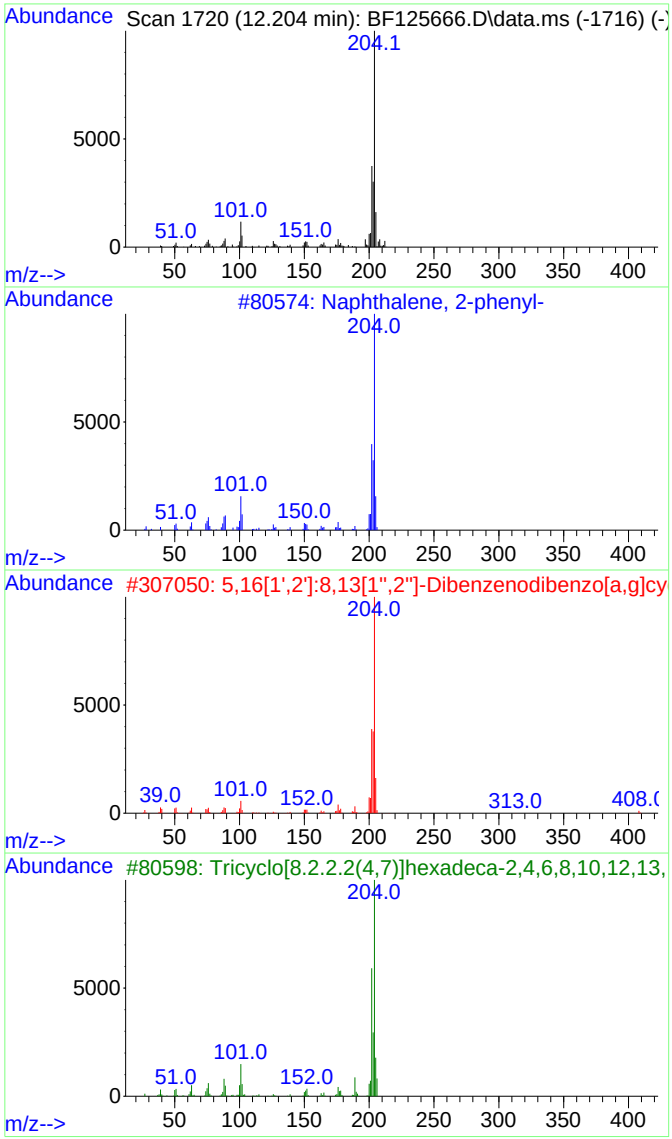
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

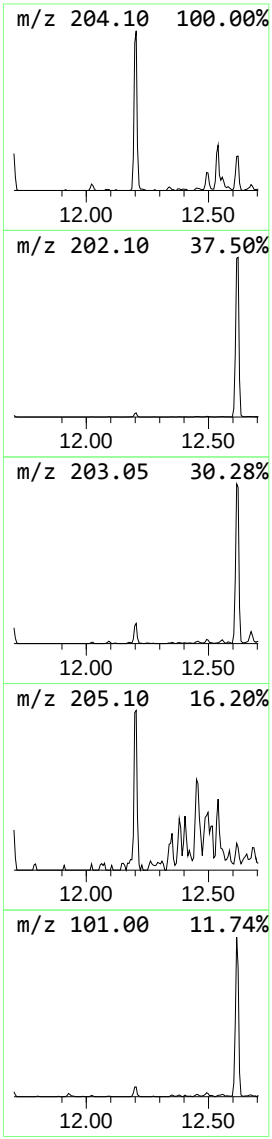
****

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.204	2.82 ng	182893	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	53
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
Data File : BF125666.D
Acq On : 25 Sep 2021 20:11
Operator : JU/CG
Sample : M3941-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124042

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

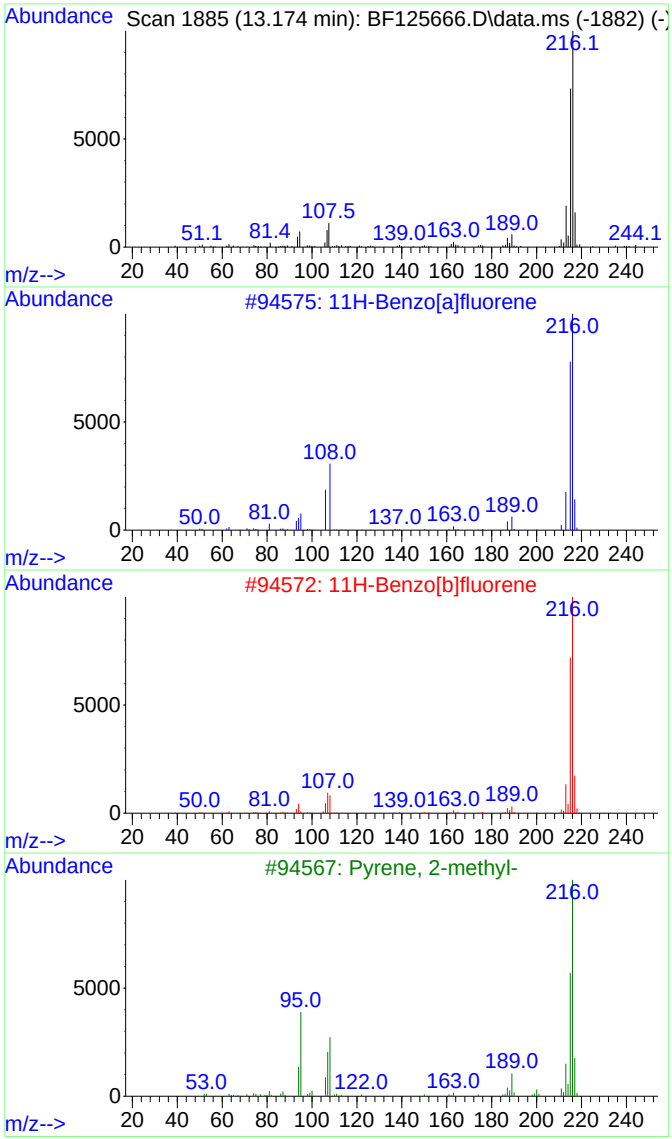
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

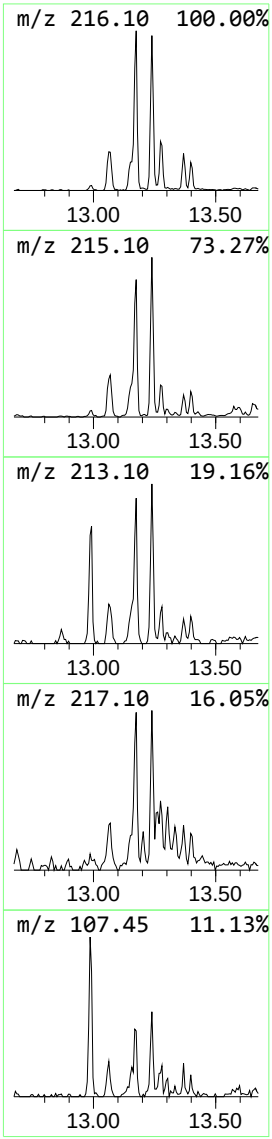
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.174	2.48 ng	238771	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
Data File : BF125666.D
Acq On : 25 Sep 2021 20:11
Operator : JU/CG
Sample : M3941-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124042

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

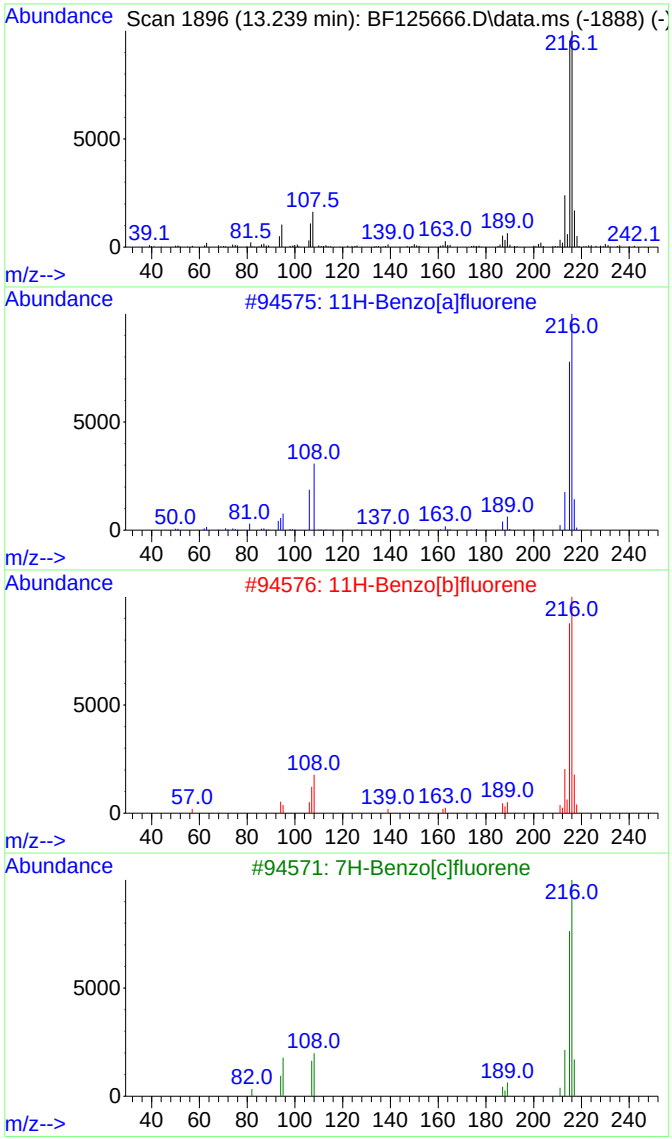
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

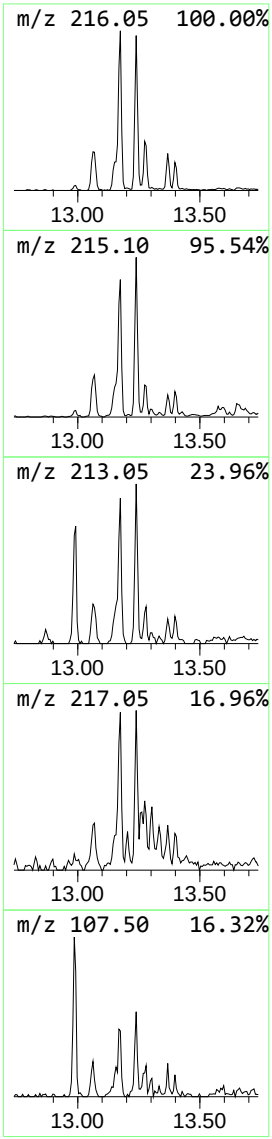
****

Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	3.11 ng	299644	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
Data File : BF125666.D
Acq On : 25 Sep 2021 20:11
Operator : JU/CG
Sample : M3941-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124042

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

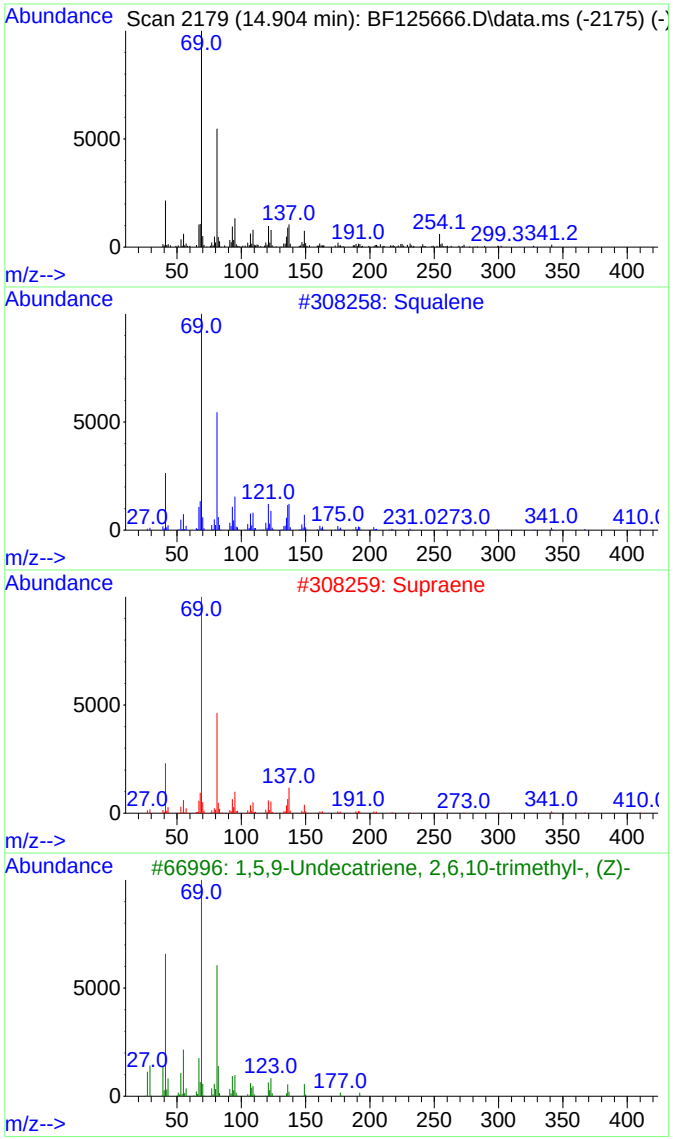
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

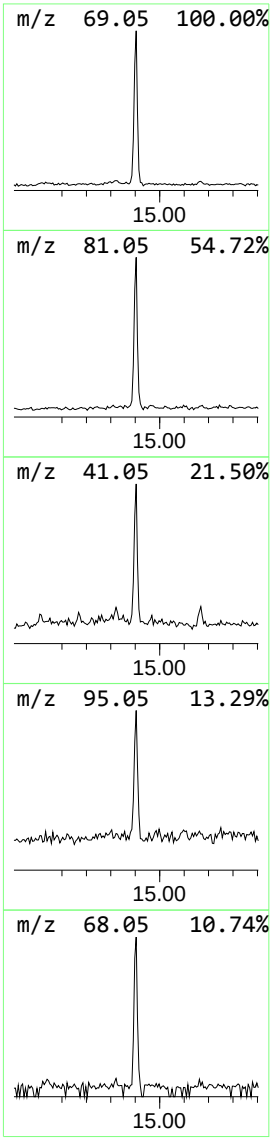
****

Peak Number 13 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.903	4.08 ng	240241	Perylene-d12	15.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	90
2	Supraene	410	C30H50	007683-64-9	83
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	81
4	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	78
5	Farnesol isomer a	222	C15H26O	1000108-92-4	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
Data File : BF125666.D
Acq On : 25 Sep 2021 20:11
Operator : JU/CG
Sample : M3941-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
124042

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

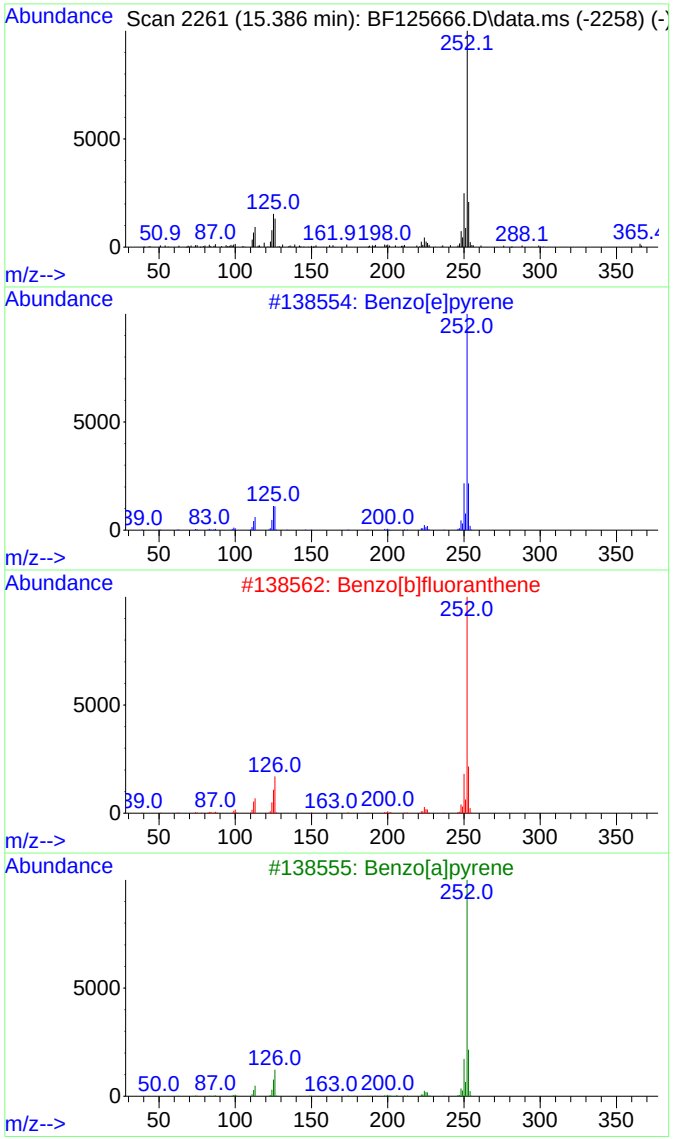
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

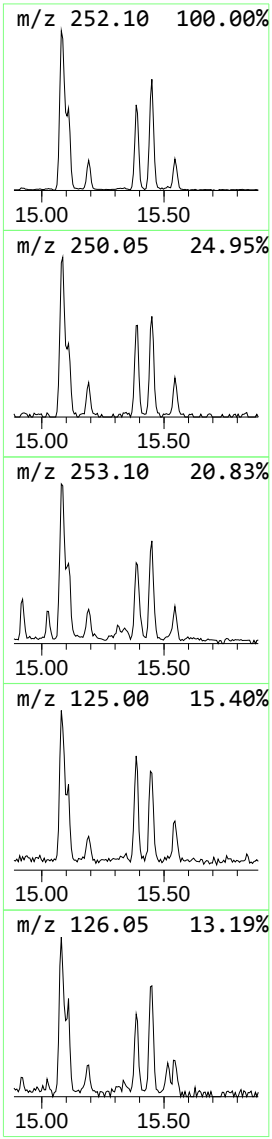
****

Peak Number 14 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.386	2.45 ng	144082	Perylene-d12	15.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
Data File : BF125666.D
Acq On : 25 Sep 2021 20:11
Operator : JU/CG
Sample : M3941-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124042

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.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...	2.163	25.9	ng	1274020	1	6.886	984760	20.0
Ethanol, 2-(2-b...	8.063	6.2	ng	413233	2	8.169	1342720	20.0
9H-Fluoren-3-ol	10.621	2.1	ng	167079	3	9.921	1559540	20.0
9H-Fluorene, 1-...	11.015	2.9	ng	189304	4	11.404	1296920	20.0
4-(4-Methylphen...	11.251	2.2	ng	139998	4	11.404	1296920	20.0
Dibenzothiophene	11.304	3.4	ng	218281	4	11.404	1296920	20.0
Anthracene, 1-m...	11.904	3.1	ng	199954	4	11.404	1296920	20.0
Phenanthrene, 2...	11.933	6.5	ng	422210	4	11.404	1296920	20.0
4H-Cyclopenta[d...	12.021	9.0	ng	584645	4	11.404	1296920	20.0
Naphthalene, 2-...	12.204	2.8	ng	182893	4	11.404	1296920	20.0
11H-Benzo[b]flu...	13.174	2.5	ng	238771	5	14.039	1927700	20.0
11H-Benzo[a]flu...	13.239	3.1	ng	299644	5	14.039	1927700	20.0
Squalene	14.903	4.1	ng	240241	6	15.515	1177260	20.0
Benzo[e]pyrene	15.386	2.5	ng	144082	6	15.515	1177260	20.0