LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130918.D
Acq On : 02 Nov 2022 00:49
Operator : CG\JU
Sample : N5234-06 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSP-SS-06-00-20

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130918.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.199	14	19	26	rVB	102790	136956	26.49%	2.202%
2	4.028	326	330	335	rVB	19404	26663	5.16%	0.429%
3	4.581	421	424	432	rVB3	7591	12978	2.51%	0.209%
4	5.075	501	508	511	rBV3	5041	8260	1.60%	0.133%
5	5.146	517	520	525	rBV2	16390	18397	3.56%	0.296%
6	5.422	564	567	570	rBV2	28140	27151	5.25%	0.437%
7	5.540	581	587	591	rBV2	136655	160530	31.05%	2.581%
8	5.787	625	629	635	rVV2	9822	12592	2.44%	0.202%
9	6.187	690	697	702	rBV4	8081	15012	2.90%	0.241%
10	6.363	723	727	730	rBV2	5281	8539	1.65%	0.137%
11	6.393	730	732	736	rVV	15758	14766	2.86%	0.237%
12	6.457	740	743	746	rBV	18986	18985	3.67%	0.305%
13	6.493	746	749	751	rVB	13527	10375	2.01%	0.167%
14	6.545	755	758	762	rBV	102460	100218	19.39%	1.611%
15	6.616	767	770	775	rVB2	7616	9700	1.88%	0.156%
16	6.757	791	794	798	rVB2	38958	32140	6.22%	0.517%
17	6.940	821	825	828	rBV	463310	418936	81.04%	6.736%
18	7.116	852	855	858	rVB	23186	17525	3.39%	0.282%
19	7.181	863	866	868	rVV	21752	17225	3.33%	0.277%
20	7.204	868	870	873	rVB2	11425	10343	2.00%	0.166%
21	7.251	875	878	881	rVV	30615	24899	4.82%	0.400%
22	7.328	884	891	894	rBV3	9514	11901	2.30%	0.191%
23	7.469	911	915	917	rBV	50241	43279	8.37%	0.696%
24	7.492	917	919	923	rVV2	70676	74717	14.45%	1.201%
25	7.575	927	933	936	rVB3	7434	9029	1.75%	0.145%
26	7.704	952	955	957	rVB	20953	15385	2.98%	0.247%
27	7.728	957	959	967	rVB3	8695	11431	2.21%	0.184%
28	7.869	979	983	985	rBV3	7402	9051	1.75%	0.146%
29	7.892	985	987	991	rVB3	10323	10987	2.13%	0.177%
30	7.957	995	998	1001	rBV	23991	20350	3.94%	0.327%
31	8.087	1015	1020	1023	rVB	8762	8546	1.65%	0.137%
32	8.192	1035	1038	1039	rBV2	12027	10164	1.97%	0.163%
33	8.222	1039	1043	1046	rVV	579303	466296	90.20%	7.497%
34	8.269	1049	1051	1054	rVB2	10788	9906	1.92%	0.159%
35	8.804	1139	1142	1147	rVB	9968	8535	1.65%	0.137%
36	9.298	1222	1226	1229	rBV	127468	102215	19.77%	1.643%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130918.D
Acq On : 02 Nov 2022 00:49
Operator : CG\JU
Sample : N5234-06 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSP-SS-06-00-20

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.569	1266	1272	1275	rBV2	10449	12649	2.45%	0.203%
38	9.639	1280	1284	1286	rVV	18140	17720	3.43%	0.285%
39	9.663	1286	1288	1291	rVV	11111	10667	2.06%	0.172%
40	9.704	1293	1295	1299	rVV2	7912	7958	1.54%	0.128%
41	9.757	1299	1304	1312	rVV2	9644	13591	2.63%	0.219%
42	9.845	1315	1319	1322	rVV	59541	49101	9.50%	0.789%
43	9.981	1339	1342	1346	rVB	500686	441928	85.48%	7.106%
44	10.186	1370	1377	1380	rVB2	21815	23982	4.64%	0.386%
45	10.222	1380	1383	1386	rBV	12853	10404	2.01%	0.167%
46	10.298	1391	1396	1399	rBV2	14269	15152	2.93%	0.244%
47	10.328	1399	1401	1407	rVB3	9186	9352	1.81%	0.150%
48	10.392	1407	1412	1413	rBV3	9557	11435	2.21%	0.184%
49	10.439	1417	1420	1422	rBV	12022	9549	1.85%	0.154%
50	10.533	1433	1436	1440	rVB	50399	46705	9.03%	0.751%
51	10.686	1458	1462	1465	rBV	15587	16475	3.19%	0.265%
52	10.769	1470	1476	1480	rBV2	86698	82743	16.01%	1.330%
53	10.898	1492	1498	1503	rVB8	12376	22129	4.28%	0.356%
54	11.080	1525	1529	1532	rBV4	27310	32755	6.34%	0.527%
55	11.110	1532	1534	1537	rVV2	15718	14260	2.76%	0.229%
56	11.169	1541	1544	1546	rVV2	17196	15903	3.08%	0.256%
57	11.210	1548	1551	1553	rVV2	13145	14759	2.85%	0.237%
58	11.233	1553	1555	1560	rVV4	12968	14193	2.75%	0.228%
59	11.280	1560	1563	1566	rVV3	9472	9963	1.93%	0.160%
60	11.322	1567	1570	1574	rVV3	12574	14409	2.79%	0.232%
61	11.375	1574	1579	1583	rVB	35450	34446	6.66%	0.554%
62	11.475	1593	1596	1599	rBV	542936	516967	100.00%	8.312%
63	11.498	1599	1600	1604	rVV	305715	236426	45.73%	3.801%
64	11.551	1606	1609	1612	rVV	100125	78511	15.19%	1.262%
65	11.586	1612	1615	1617	rVB2	16609	18169	3.51%	0.292%
66	11.633	1621	1623	1625	rBV2	8285	7776	1.50%	0.125%
67	11.704	1633	1635	1638	rBV2	9548	11173	2.16%	0.180%
68	11.810	1650	1653	1657	rVB2	22406	22065	4.27%	0.355%
69	11.851	1657	1660	1664	rBV5	5087	7851	1.52%	0.126%
70	11.892	1664	1667	1672	rVB	15076	16501	3.19%	0.265%
71	11.980	1678	1682	1684	rBV	71514	65238	12.62%	1.049%
72	12.010	1684	1687	1690	rVB	87875	76333	14.77%	1.227%
73	12.057	1692	1695	1697	rBV	39729	34465	6.67%	0.554%
74	12.092	1697	1701	1703	rVV	110949	118556	22.93%	1.906%
75	12.116	1703	1705	1710	rVB	51983	44809	8.67%	0.720%
76	12.157	1710	1712	1715	rBV4	7120	8677	1.68%	0.140%

LSC Area Percent Report

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Acq On : 02 Nov 2022 00:49
Operator : CG\JU
Sample : N5234-06 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-06-00-20

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.275	1729	1732	1735	rBV	36845	32366	6.26%	0.520%
78	12.304	1735	1737	1739	rVB3	9555	8101	1.57%	0.130%
79	12.457	1760	1763	1765	rVB	15411	13482	2.61%	0.217%
80	12.480	1765	1767	1770	rVB	18391	14794	2.86%	0.238%
81	12.527	1772	1775	1778	rBV	41878	44322	8.57%	0.713%
82	12.569	1778	1782	1787	rVB3	33059	48430	9.37%	0.779%
83	12.616	1787	1790	1791	rBV3	17880	16055	3.11%	0.258%
84	12.692	1800	1803	1807	rBV	259384	234519	45.36%	3.771%
85	12.739	1807	1811	1812	rBV3	16417	17349	3.36%	0.279%
86	12.792	1816	1820	1822	rBV	39707	36423	7.05%	0.586%
87	12.851	1827	1830	1831	rBV	14024	14794	2.86%	0.238%
88	12.927	1837	1843	1848	rBV	284036	292684	56.62%	4.706%
89	12.974	1848	1851	1855	rVB2	16156	21843	4.23%	0.351%
90	13.063	1863	1866	1869	rVB	128068	93360	18.06%	1.501%
91	13.145	1876	1880	1884	rBV3	29466	44631	8.63%	0.718%
92	13.198	1887	1889	1891	rBV3	12888	13191	2.55%	0.212%
93	13.251	1891	1898	1901	rVV2	77528	110246	21.33%	1.773%
94	13.322	1907	1910	1912	rBV	58875	51830	10.03%	0.833%
95	13.357	1913	1916	1920	rVV2	49485	49283	9.53%	0.792%
96	13.451	1930	1932	1934	rBV	27006	23198	4.49%	0.373%
97	13.480	1935	1937	1940	rVB	27403	28171	5.45%	0.453%
98	14.127	2042	2047	2050	rBV2	436551	487188	94.24%	7.833%
99	14.151	2050	2051	2057	rVB	98310	78992	15.28%	1.270%
100	15.651	2302	2306	2317	rVB	199705	314417	60.82%	5.055%

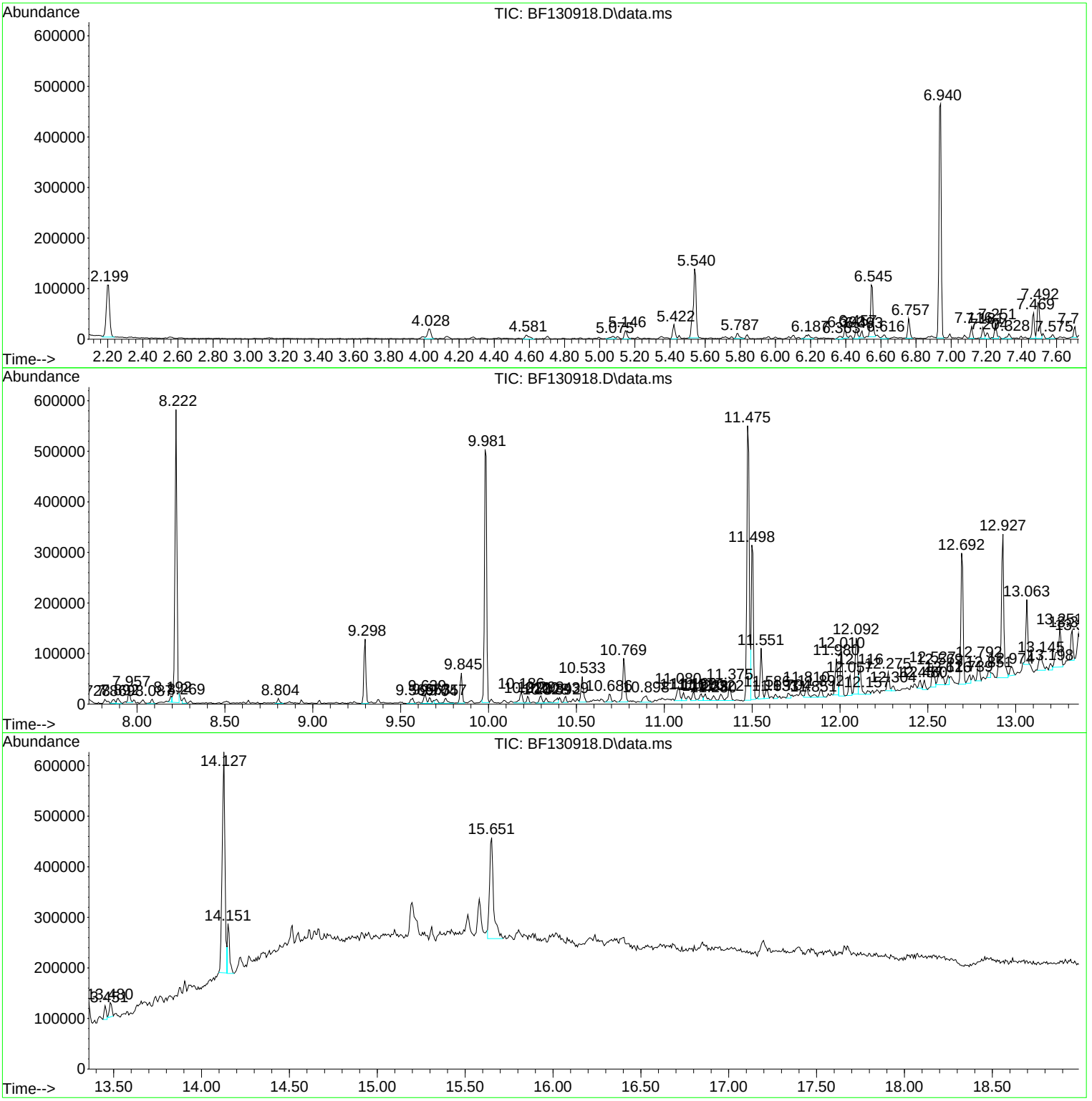
Sum of corrected areas: 6219396

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130918.D
Acq On : 02 Nov 2022 00:49
Operator : CG\JU
Sample : N5234-06 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-06-00-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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\BF110122\
Data File : BF130918.D
Acq On : 02 Nov 2022 00:49
Operator : CG\JU
Sample : N5234-06 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-06-00-20

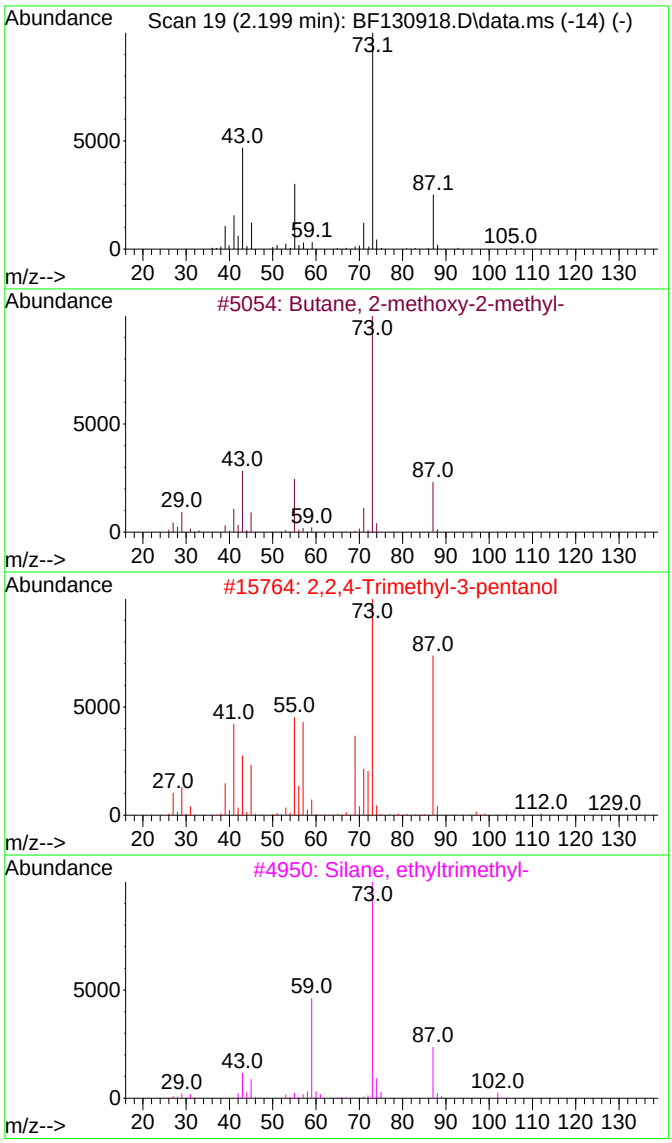
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

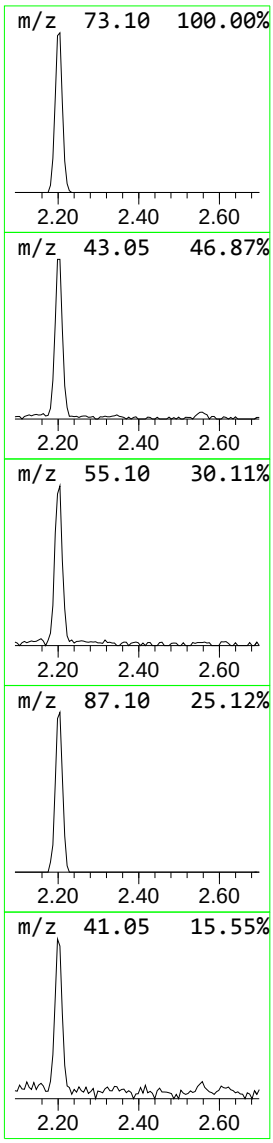
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.199	6.54 ng	136956	1,4-Dichlorobenzene-d4	6.940

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, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	17
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130918.D
Acq On : 02 Nov 2022 00:49
Operator : CG\JU
Sample : N5234-06 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-06-00-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

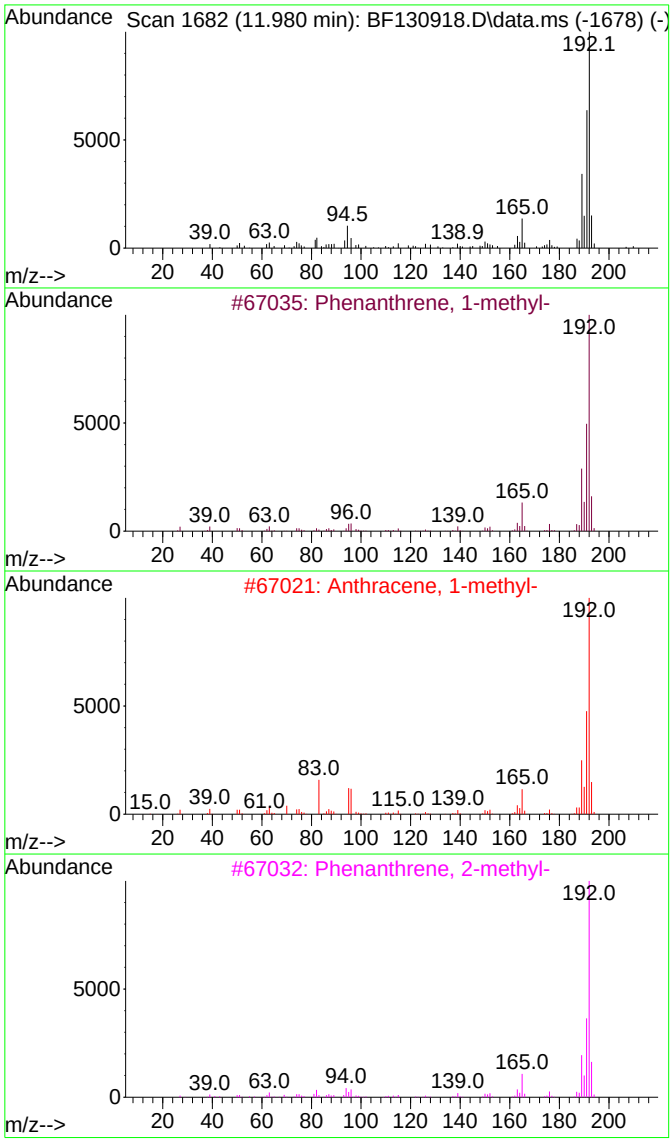
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

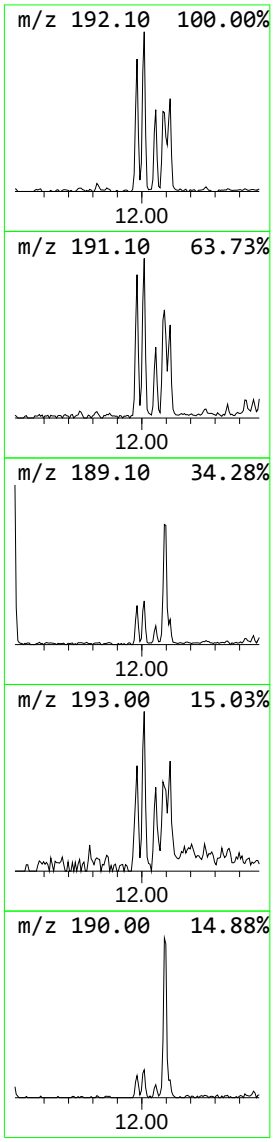
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	2.52 ng	65238	Phenanthrene-d10	11.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
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Operator : CG\JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LSP-SS-06-00-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

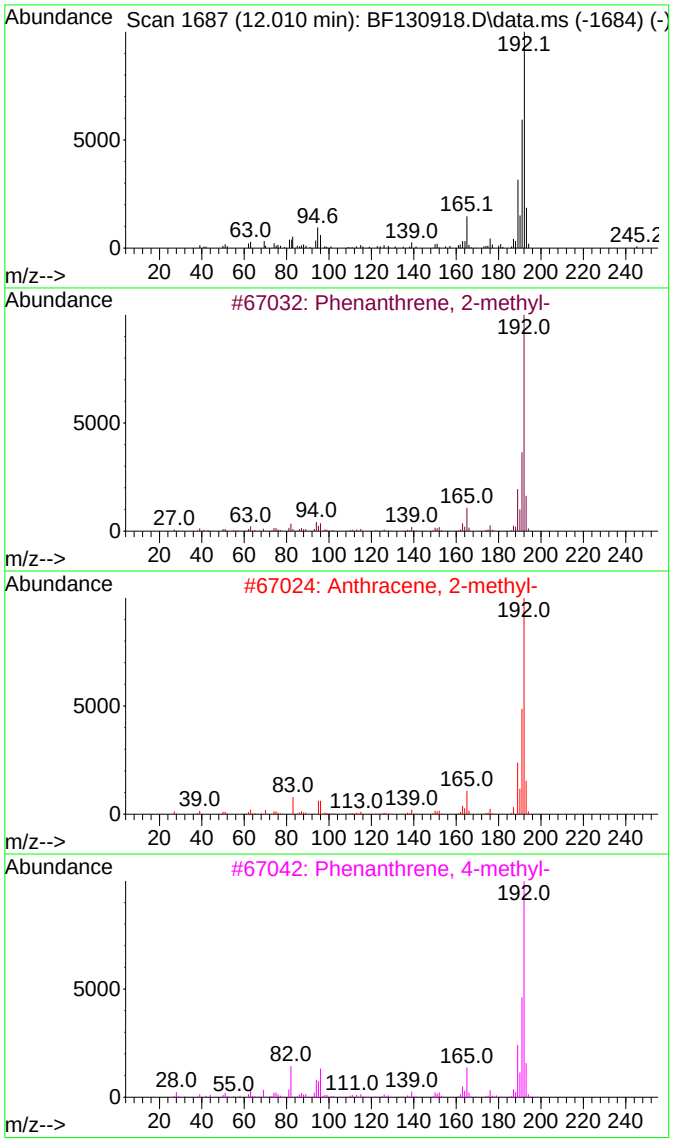
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

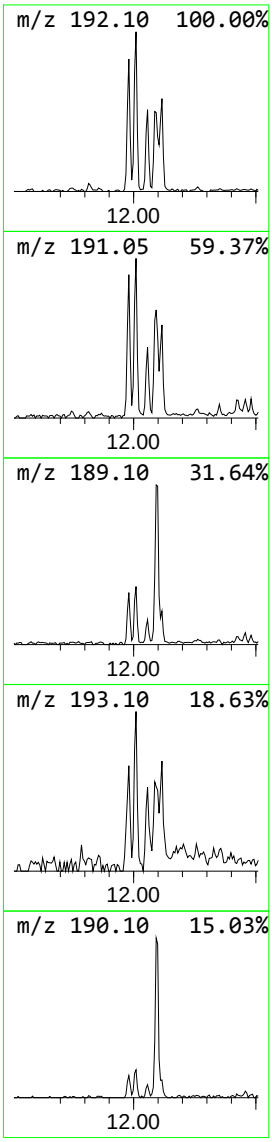
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	2.95 ng	76333	Phenanthrene-d10	11.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
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Acq On : 02 Nov 2022 00:49
Operator : CG\JU
Sample : N5234-06 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-06-00-20

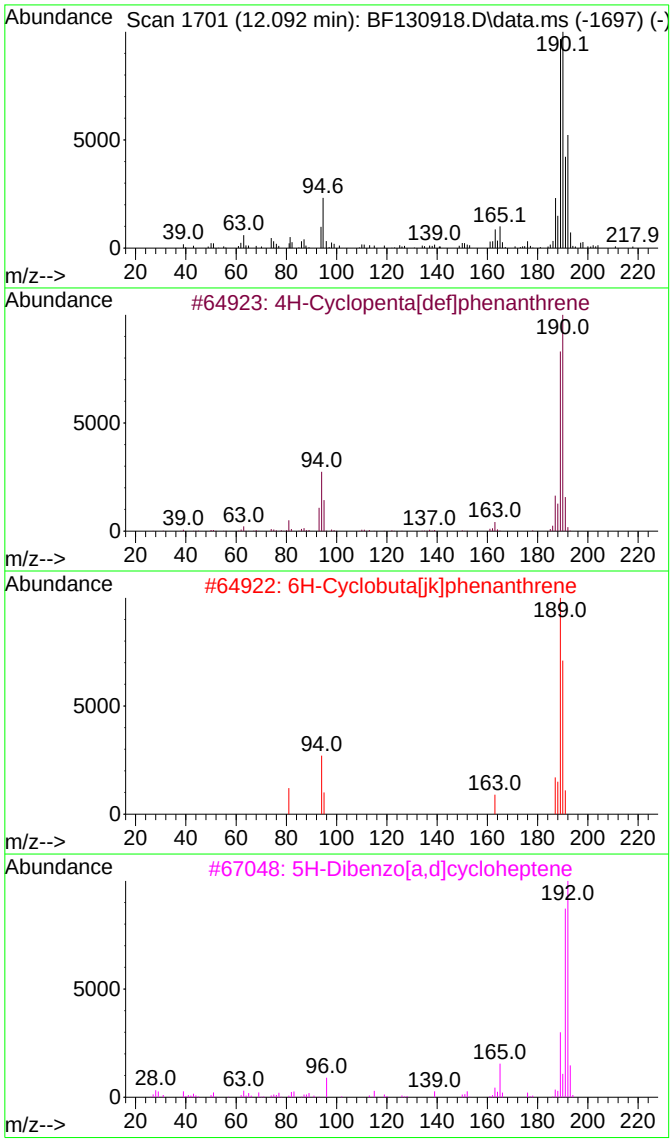
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

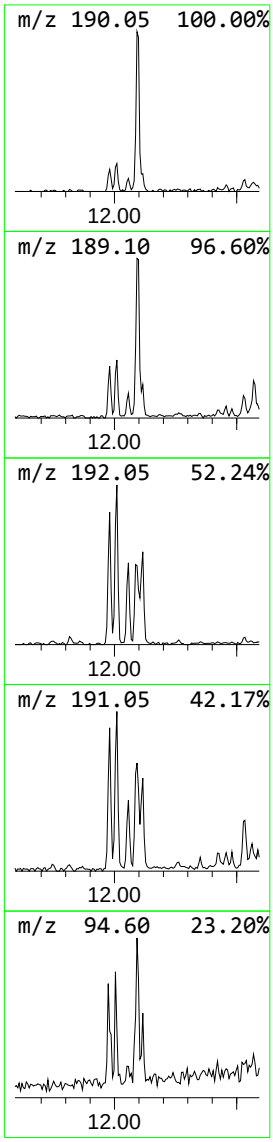
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	4.59 ng	118556	Phenanthrene-d10	11.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	20





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130918.D
Acq On : 02 Nov 2022 00:49
Operator : CG\JU
Sample : N5234-06 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-06-00-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

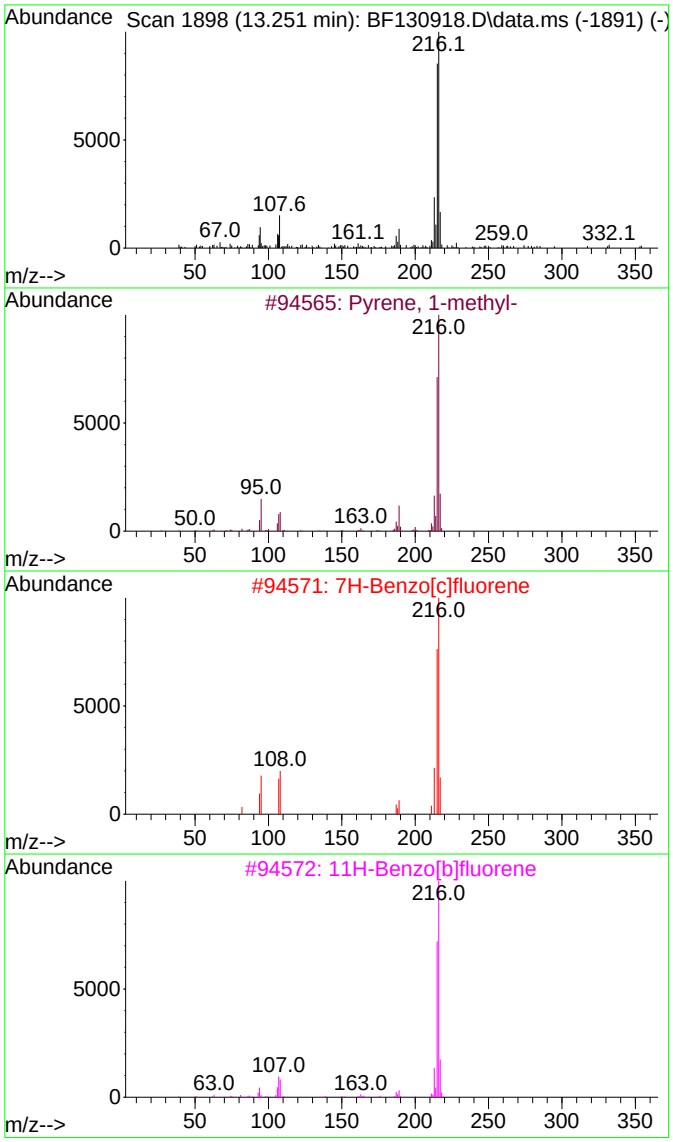
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

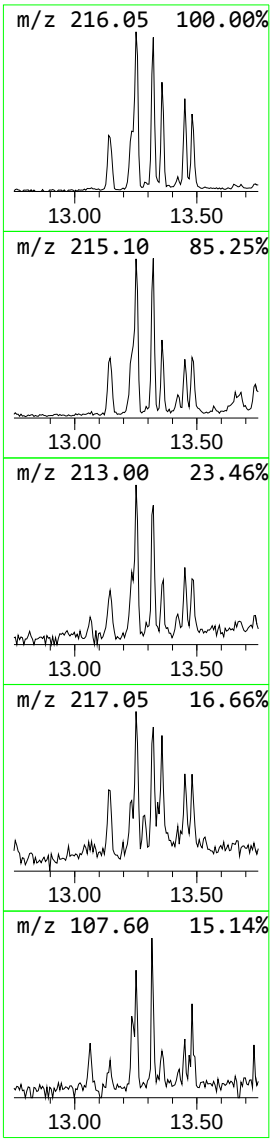
****

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.251	4.53 ng	110246	Chrysene-d12	14.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76





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Acq On : 02 Nov 2022 00:49
Operator : CG\JU
Sample : N5234-06 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LSP-SS-06-00-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

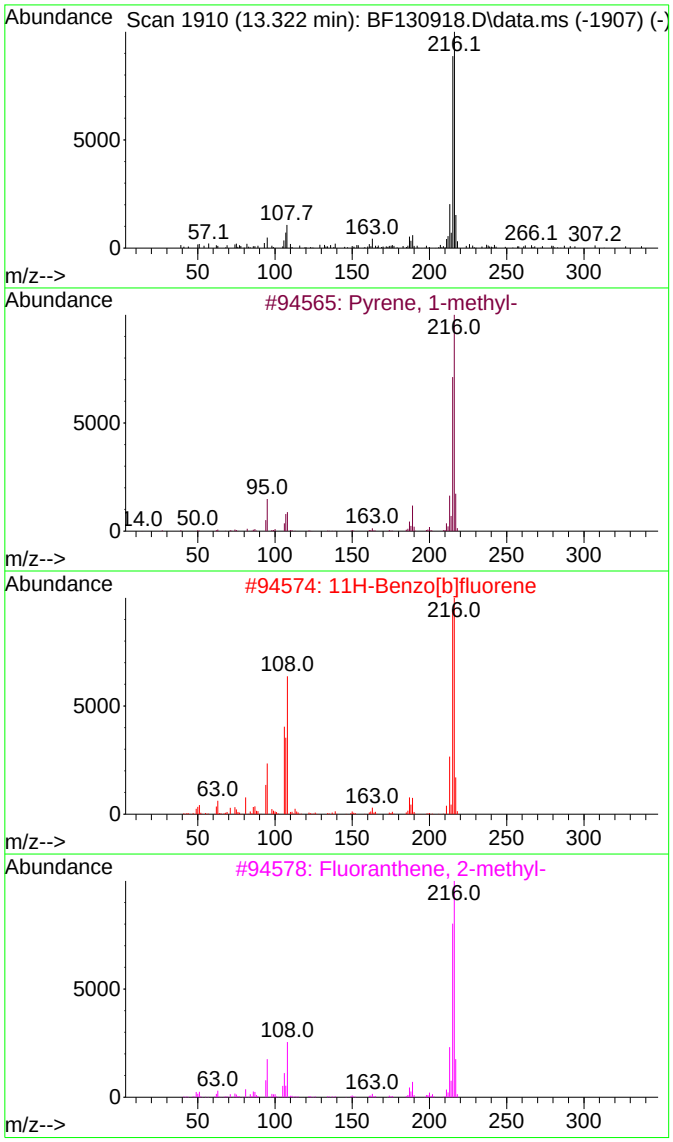
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

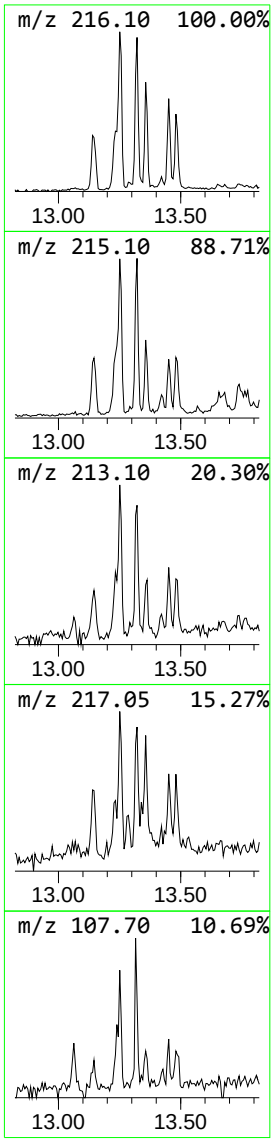
****

Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.322	2.13 ng	51830	Chrysene-d12	14.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130918.D
Acq On : 02 Nov 2022 00:49
Operator : CG\JU
Sample : N5234-06 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-06-00-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

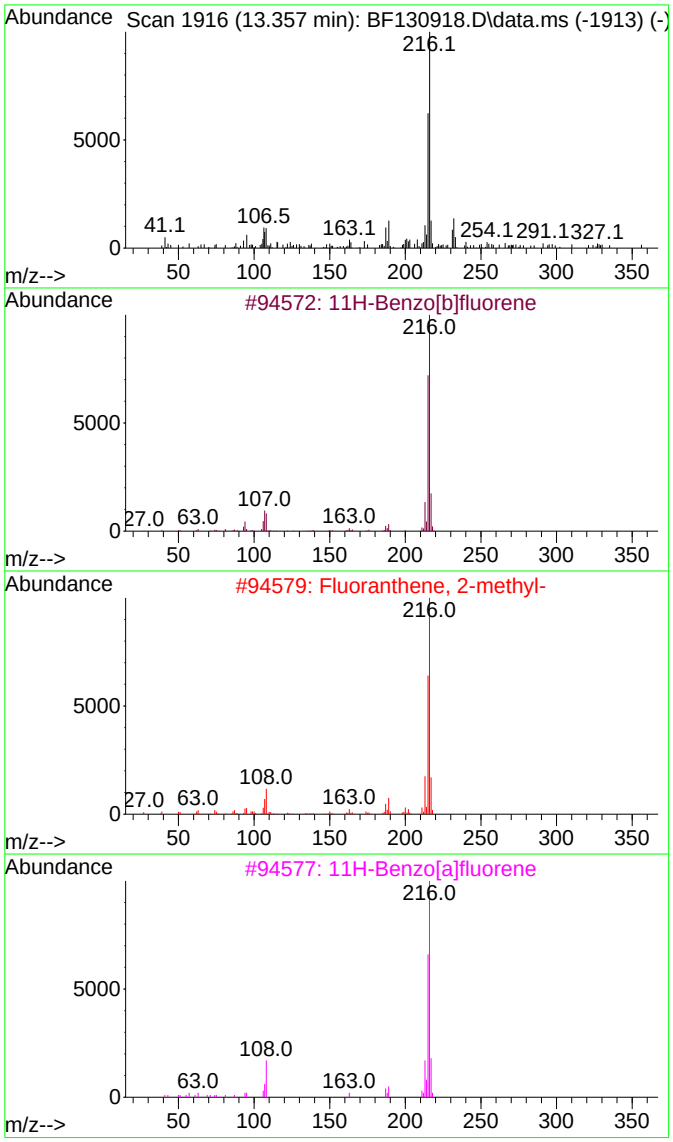
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

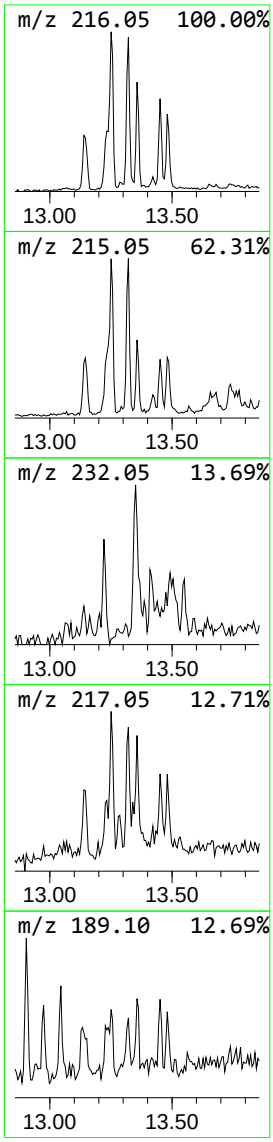
****

Peak Number 7 Fluoranthene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.357	2.02 ng	49283	Chrysene-d12	14.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	76
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130918.D
Acq On : 02 Nov 2022 00:49
Operator : CG\JU
Sample : N5234-06 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-06-00-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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...	2.199	6.5	ng	136956	1	6.940	418936	20.0
Phenanthrene, 1...	11.980	2.5	ng	65238	4	11.475	516967	20.0
Phenanthrene, 2...	12.010	3.0	ng	76333	4	11.475	516967	20.0
4H-Cyclopenta[d...	12.092	4.6	ng	118556	4	11.475	516967	20.0
Pyrene, 1-methyl-	13.251	4.5	ng	110246	5	14.127	487188	20.0
11H-Benzo[b]flu...	13.322	2.1	ng	51830	5	14.127	487188	20.0
Fluoranthene, 2...	13.357	2.0	ng	49283	5	14.127	487188	20.0