LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
Data File : BF130007.D
Acq On : 25 Aug 2022 19:27
Operator : CG\JU
Sample : N4326-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-082322

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-BF081422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130007.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.957	451	454	471	rBV	62763	85433	5.77%	0.502%
2	5.398	526	529	550	rBV	398497	515229	34.80%	3.030%
3	6.422	700	703	718	rBV	398577	478824	32.34%	2.816%
4	6.757	756	760	767	rBV	693047	623126	42.09%	3.664%
5	7.322	853	856	863	rBV	314292	293268	19.81%	1.725%
6	8.039	974	978	980	rBV	810870	734372	49.60%	4.319%
7	8.057	980	981	988	rVB	59854	51373	3.47%	0.302%
8	8.751	1096	1099	1105	rBV	49224	41947	2.83%	0.247%
9	8.851	1112	1116	1119	rBV	46311	43837	2.96%	0.258%
10	9.110	1156	1160	1163	rBV	611016	496440	33.53%	2.919%
11	9.380	1201	1206	1209	rBV	31478	39692	2.68%	0.233%
12	9.451	1214	1218	1220	rVV	53001	53757	3.63%	0.316%
13	9.475	1220	1222	1227	rVB2	29709	32340	2.18%	0.190%
14	9.569	1234	1238	1244	rVB	26376	33398	2.26%	0.196%
15	9.651	1247	1252	1257	rBV	94150	93386	6.31%	0.549%
16	9.786	1272	1275	1279	rVV	782989	674394	45.55%	3.966%
17	9.822	1279	1281	1284	rVB	56433	42346	2.86%	0.249%
18	9.892	1289	1293	1297	rBV4	14527	20245	1.37%	0.119%
19	9.992	1306	1310	1314	rVV2	43766	50035	3.38%	0.294%
20	10.033	1314	1317	1320	rVB	30875	28828	1.95%	0.170%
21	10.104	1325	1329	1332	rBV	31695	33334	2.25%	0.196%
22	10.133	1332	1334	1340	rVB	21958	21585	1.46%	0.127%
23	10.210	1340	1347	1350	rBV4	20972	45063	3.04%	0.265%
24	10.339	1366	1369	1374	rVB	113313	100565	6.79%	0.591%
25	10.404	1375	1380	1381	rBV2	15125	18237	1.23%	0.107%
26	10.422	1381	1383	1385	rVB2	19469	15678	1.06%	0.092%
27	10.498	1390	1396	1399	rVB3	21910	31568	2.13%	0.186%
28	10.586	1406	1411	1417	rBV2	273546	279563	18.88%	1.644%
29	10.680	1424	1427	1428	rBV	22909	19915	1.35%	0.117%
30	10.698	1428	1430	1433	rVB2	19569	18019	1.22%	0.106%
31	10.886	1457	1462	1465	rBV2	39430	48066	3.25%	0.283%
32	10.916	1465	1467	1469	rVV	28029	22161	1.50%	0.130%
33	10.969	1473	1476	1479	rVB	24343	20942	1.41%	0.123%
34	11.016	1479	1484	1485	rBV3	18168	24305	1.64%	0.143%
35	11.033	1485	1487	1493	rVV4	19516	28524	1.93%	0.168%
36	11.098	1493	1498	1500	rVV4	17994	26343	1.78%	0.155%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
Data File : BF130007.D
Acq On : 25 Aug 2022 19:27
Operator : CG\JU
Sample : N4326-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-082322

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-BF081422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.127	1500	1503	1506	rVV	33107	35738	2.41%	0.210%
38	11.174	1509	1511	1516	rVB	63568	51825	3.50%	0.305%
39	11.280	1525	1529	1531	rBV	756163	705413	47.65%	4.148%
40	11.304	1531	1533	1537	rVB	734225	570116	38.51%	3.353%
41	11.357	1538	1542	1545	rBV	189389	156691	10.58%	0.921%
42	11.521	1565	1570	1573	rBV2	44740	58819	3.97%	0.346%
43	11.610	1580	1585	1590	rBV	47403	50981	3.44%	0.300%
44	11.657	1590	1593	1596	rBV	50064	38346	2.59%	0.226%
45	11.692	1596	1599	1603	rBV	25708	31203	2.11%	0.183%
46	11.780	1611	1614	1617	rBV	171771	157530	10.64%	0.926%
47	11.810	1617	1619	1623	rVB	215810	164875	11.14%	0.970%
48	11.857	1624	1627	1630	rBV	68006	59013	3.99%	0.347%
49	11.892	1630	1633	1635	rBV	231529	230496	15.57%	1.355%
50	11.916	1635	1637	1642	rVB	116770	94302	6.37%	0.555%
51	11.963	1642	1645	1649	rBV3	17573	21026	1.42%	0.124%
52	12.016	1651	1654	1657	rVB	20026	16058	1.08%	0.094%
53	12.074	1661	1664	1668	rBV	97626	92511	6.25%	0.544%
54	12.116	1668	1671	1675	rVB2	32766	35434	2.39%	0.208%
55	12.180	1678	1682	1684	rBV3	11861	15800	1.07%	0.093%
56	12.204	1684	1686	1687	rBV2	23223	17702	1.20%	0.104%
57	12.221	1687	1689	1692	rVB	23511	18151	1.23%	0.107%
58	12.257	1692	1695	1697	rVB	46644	34509	2.33%	0.203%
59	12.280	1697	1699	1702	rVB2	34751	30048	2.03%	0.177%
60	12.345	1704	1710	1711	rBV2	212650	306703	20.72%	1.804%
61	12.363	1711	1713	1716	rVV2	165900	153145	10.34%	0.901%
62	12.433	1720	1725	1726	rBV2	63225	95260	6.43%	0.560%
63	12.451	1726	1728	1732	rVB	57140	48808	3.30%	0.287%
64	12.498	1732	1736	1739	rBV	1129108	1015110	68.56%	5.970%
65	12.533	1740	1742	1744	rBV	36249	26870	1.81%	0.158%
66	12.557	1744	1746	1749	rVB3	26168	21944	1.48%	0.129%
67	12.592	1749	1752	1755	rBV	37710	30787	2.08%	0.181%
68	12.645	1758	1761	1764	rBV2	73378	73217	4.95%	0.431%
69	12.668	1764	1765	1768	rVB	30784	20578	1.39%	0.121%
70	12.727	1768	1775	1781	rBV	1042272	1145285	77.36%	6.735%
71	12.774	1781	1783	1787	rBV	74486	71327	4.82%	0.419%
72	12.857	1791	1797	1800	rBV	656945	593496	40.09%	3.490%
73	12.945	1807	1812	1817	rBV3	94228	170682	11.53%	1.004%
74	12.998	1818	1821	1823	rBV2	29940	30163	2.04%	0.177%
75	13.027	1823	1826	1828	rBV3	83301	102347	6.91%	0.602%
76	13.057	1828	1831	1833	rVB	159723	155629	10.51%	0.915%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
Data File : BF130007.D
Acq On : 25 Aug 2022 19:27
Operator : CG\JU
Sample : N4326-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-082322

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-BF081422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.121	1839	1842	1844	rVB	112512	92175	6.23%	0.542%
78	13.157	1844	1848	1852	rBV2	146277	171973	11.62%	1.011%
79	13.251	1861	1864	1867	rBV	118299	106919	7.22%	0.629%
80	13.280	1867	1869	1873	rVV	106449	111058	7.50%	0.653%
81	13.574	1916	1919	1922	rVB	81790	70785	4.78%	0.416%
82	13.680	1931	1937	1938	rBV	130414	173543	11.72%	1.021%
83	13.698	1938	1940	1943	rVB	97902	80791	5.46%	0.475%
84	13.727	1943	1945	1947	rBV	72728	75479	5.10%	0.444%
85	13.786	1952	1955	1960	rVB2	90571	126315	8.53%	0.743%
86	13.927	1974	1979	1982	rBV2	1006029	1480522	100.00%	8.707%
87	13.951	1982	1983	1987	rVB	536170	382130	25.81%	2.247%
88	14.015	1990	1994	1996	rBV	208540	228210	15.41%	1.342%
89	14.086	2004	2006	2010	rBV3	65216	72787	4.92%	0.428%
90	14.315	2043	2045	2048	rVB	136071	105569	7.13%	0.621%
91	14.439	2064	2066	2068	rBV	72420	61323	4.14%	0.361%
92	14.957	2151	2154	2158	rBV	385037	600306	40.55%	3.530%
93	15.257	2202	2205	2208	rBV	234063	239955	16.21%	1.411%
94	15.315	2212	2215	2219	rBV	340351	388795	26.26%	2.286%
95	15.374	2222	2225	2229	rBV	447425	501933	33.90%	2.952%

Sum of corrected areas: 17004644

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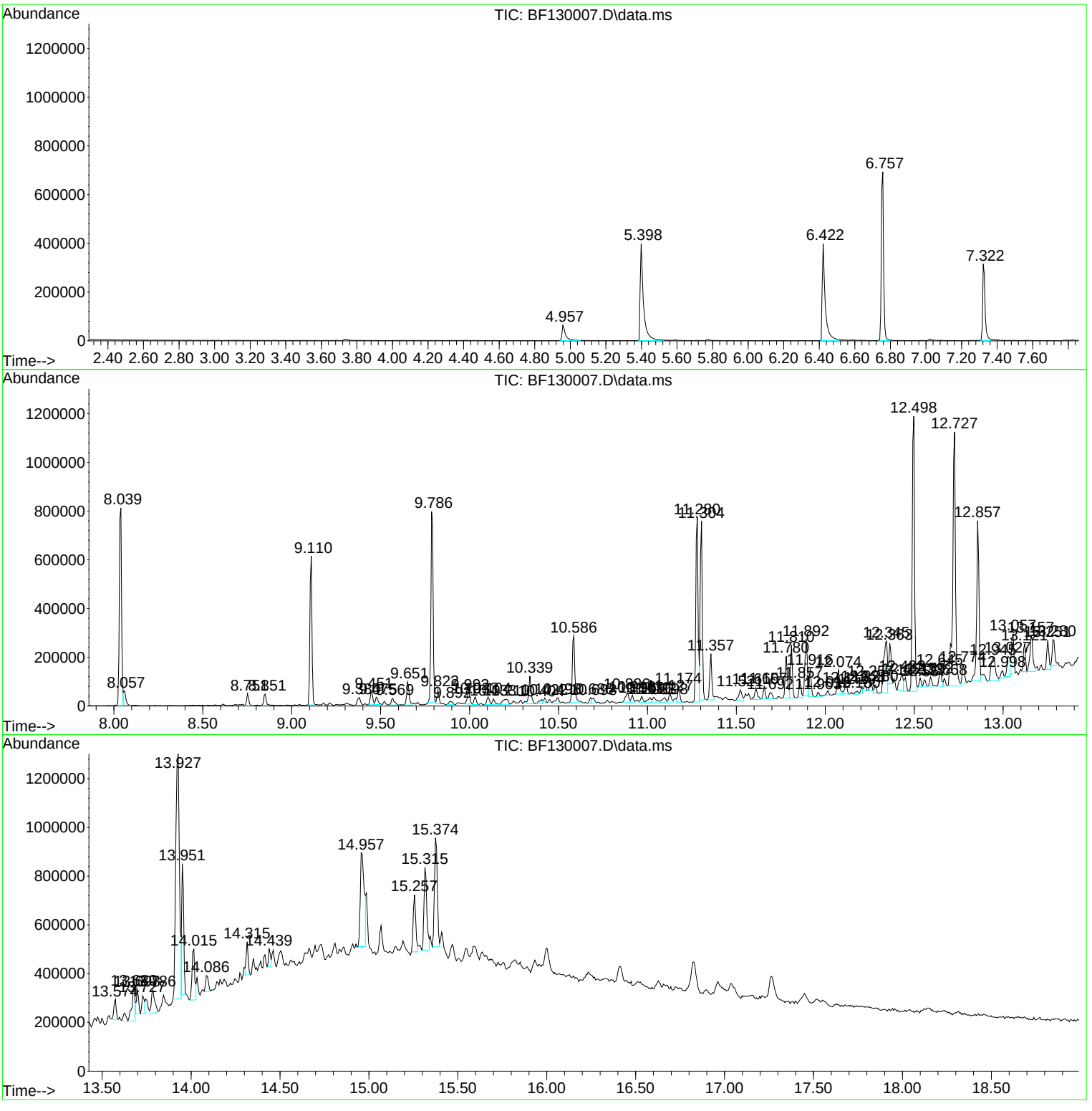
Data File : BF130007.D
Acq On : 25 Aug 2022 19:27
Operator : CG\JU
Sample : N4326-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-082322

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.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\BF082522\
Data File : BF130007.D
Acq On : 25 Aug 2022 19:27
Operator : CG\JU
Sample : N4326-01 5X
Misc :
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Instrument :
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SU-03-082322

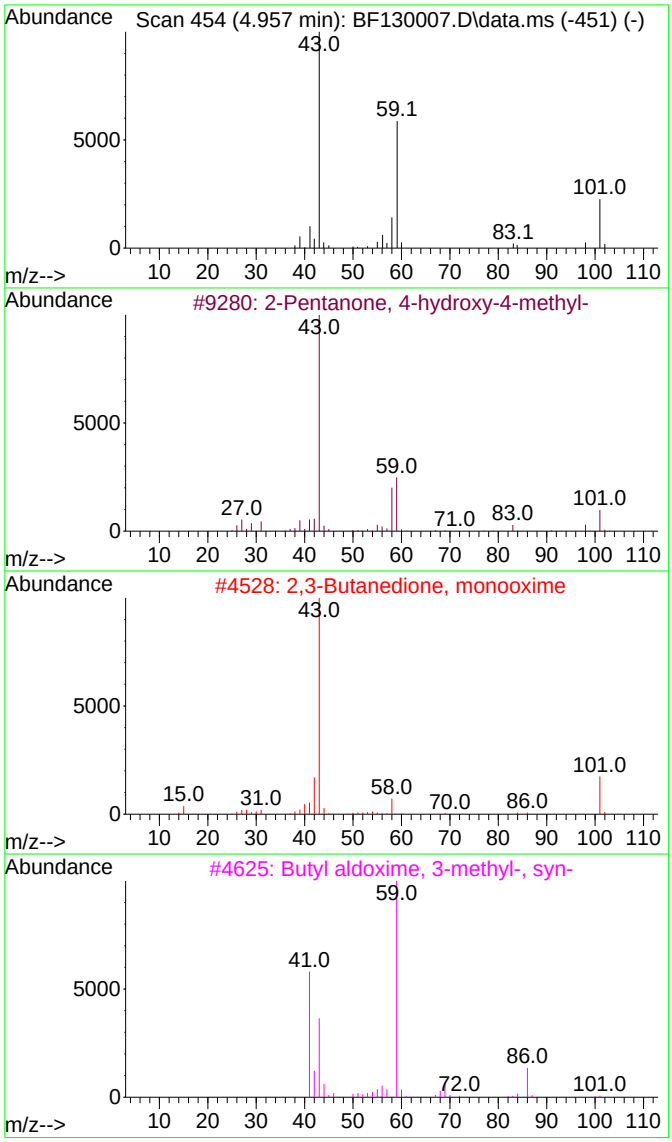
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

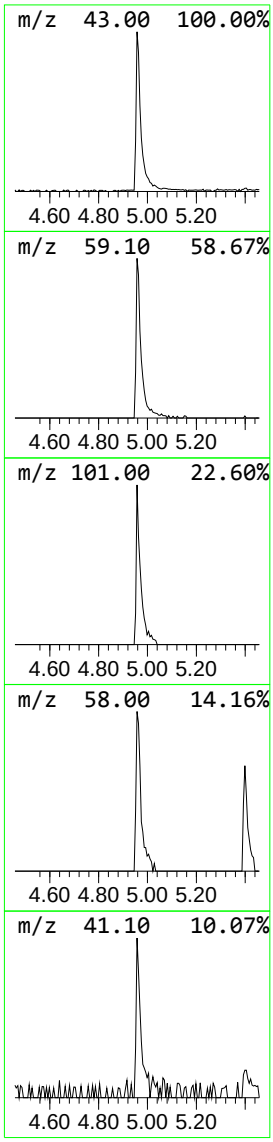
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.957	2.74 ng	85433	1,4-Dichlorobenzene-d4	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
Data File : BF130007.D
Acq On : 25 Aug 2022 19:27
Operator : CG\JU
Sample : N4326-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-082322

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

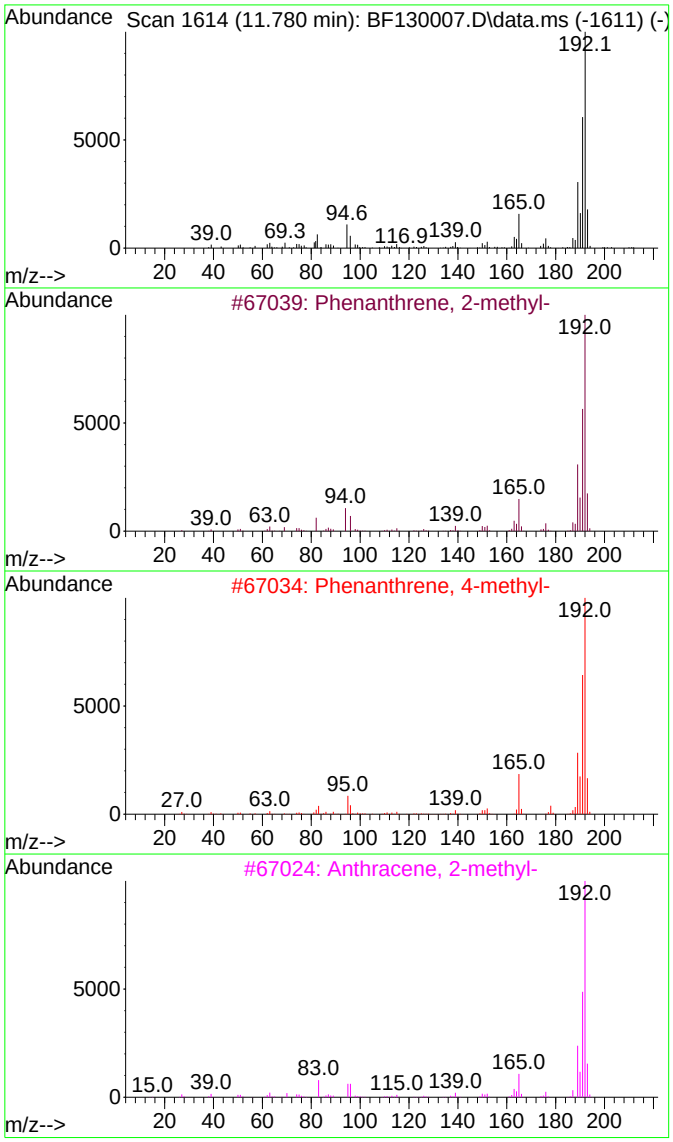
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

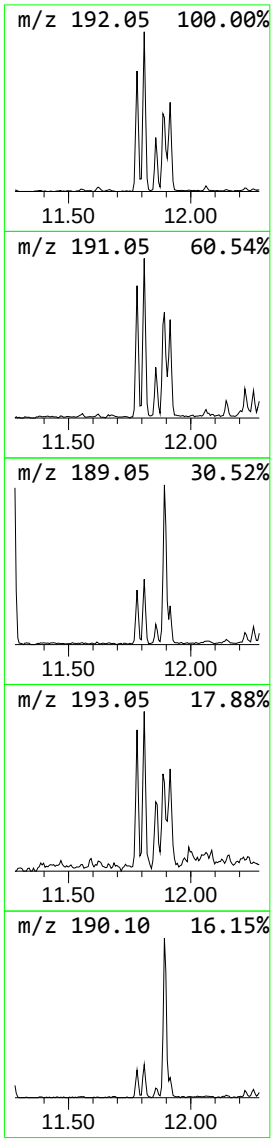
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.780	4.47 ng	157530	Phenanthrene-d10	11.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
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Acq On : 25 Aug 2022 19:27
Operator : CG\JU
Sample : N4326-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-082322

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

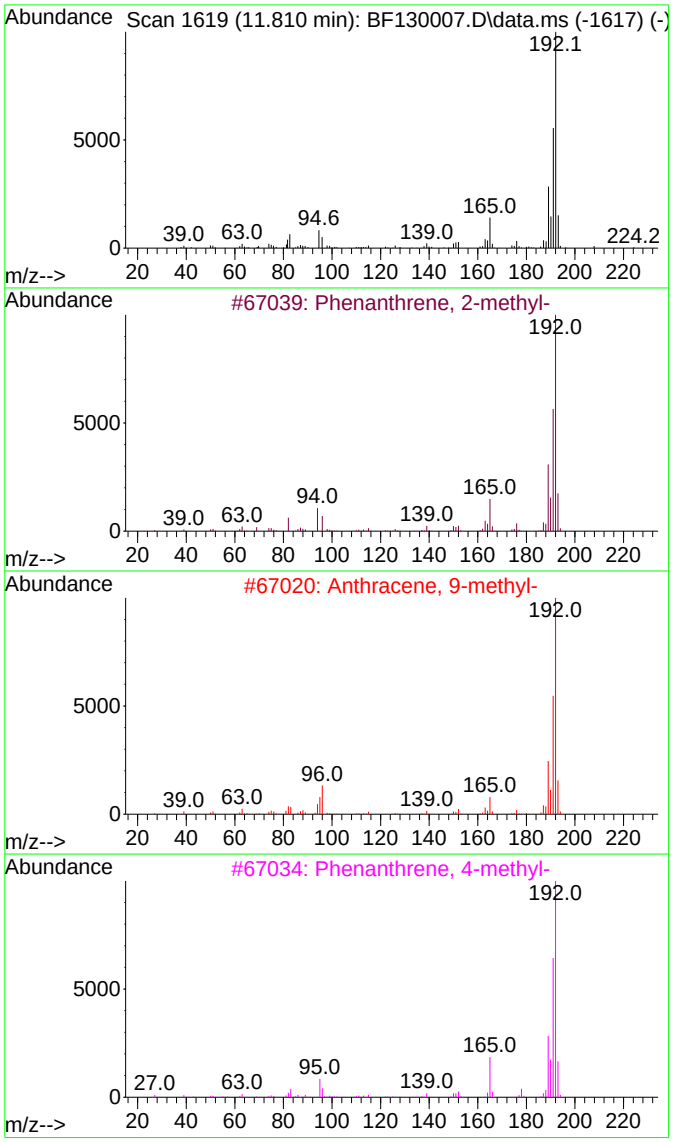
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

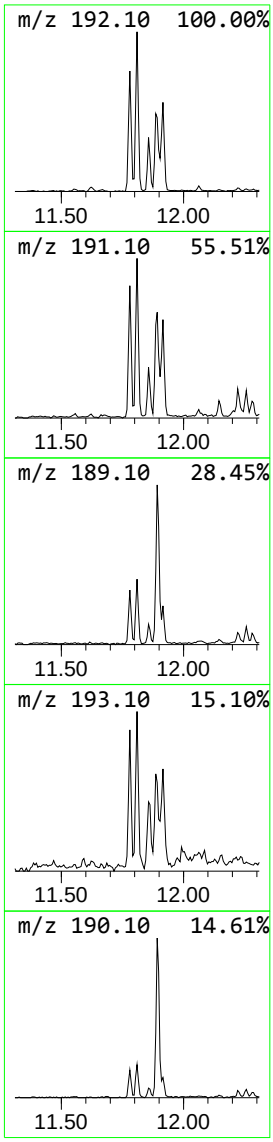
****

Peak Number 3 Anthracene, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	4.67 ng	164875	Phenanthrene-d10	11.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
Data File : BF130007.D
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Sample : N4326-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-082322

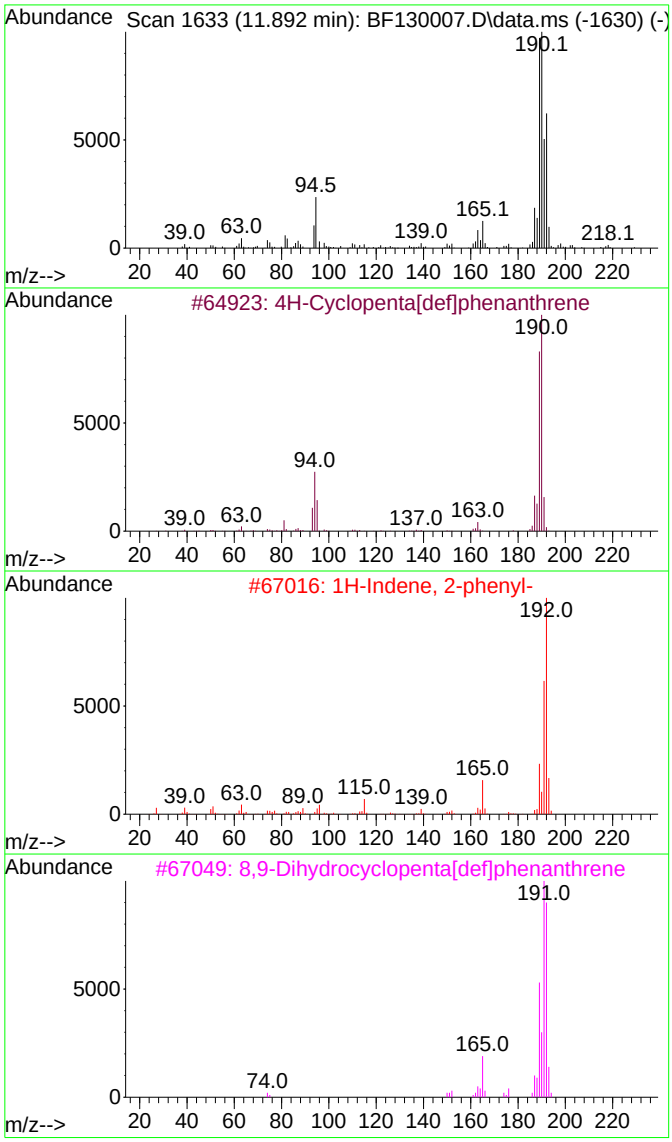
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

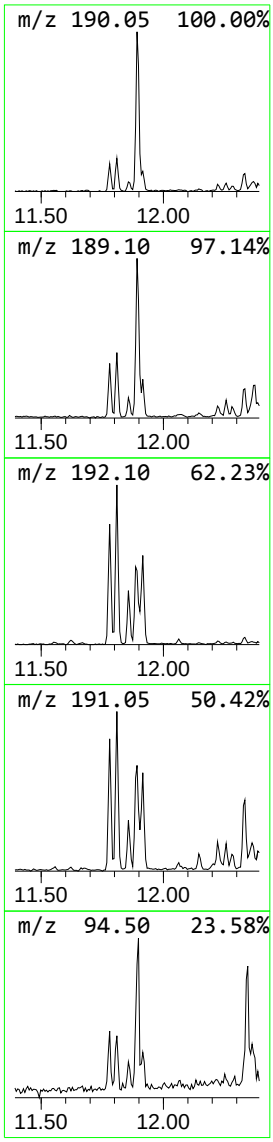
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	6.54 ng	230496	Phenanthrene-d10	11.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
3	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	38
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
Data File : BF130007.D
Acq On : 25 Aug 2022 19:27
Operator : CG\JU
Sample : N4326-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-082322

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

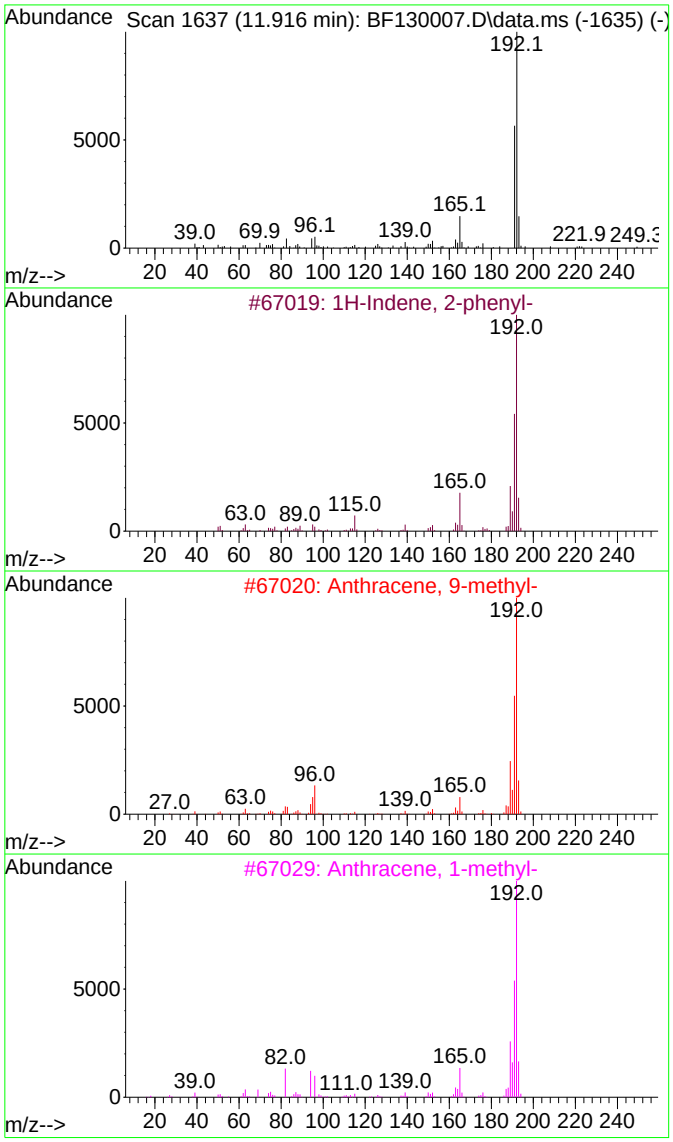
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

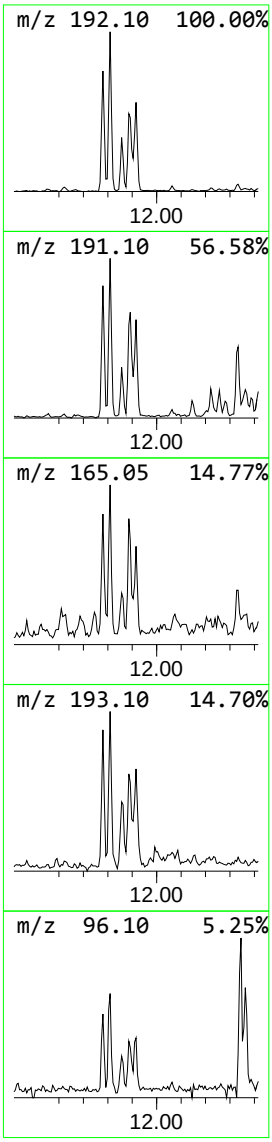
****

Peak Number 5 1H-Indene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	2.67 ng	94302	Phenanthrene-d10	11.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





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Data File : BF130007.D
Acq On : 25 Aug 2022 19:27
Operator : CG\JU
Sample : N4326-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-082322

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

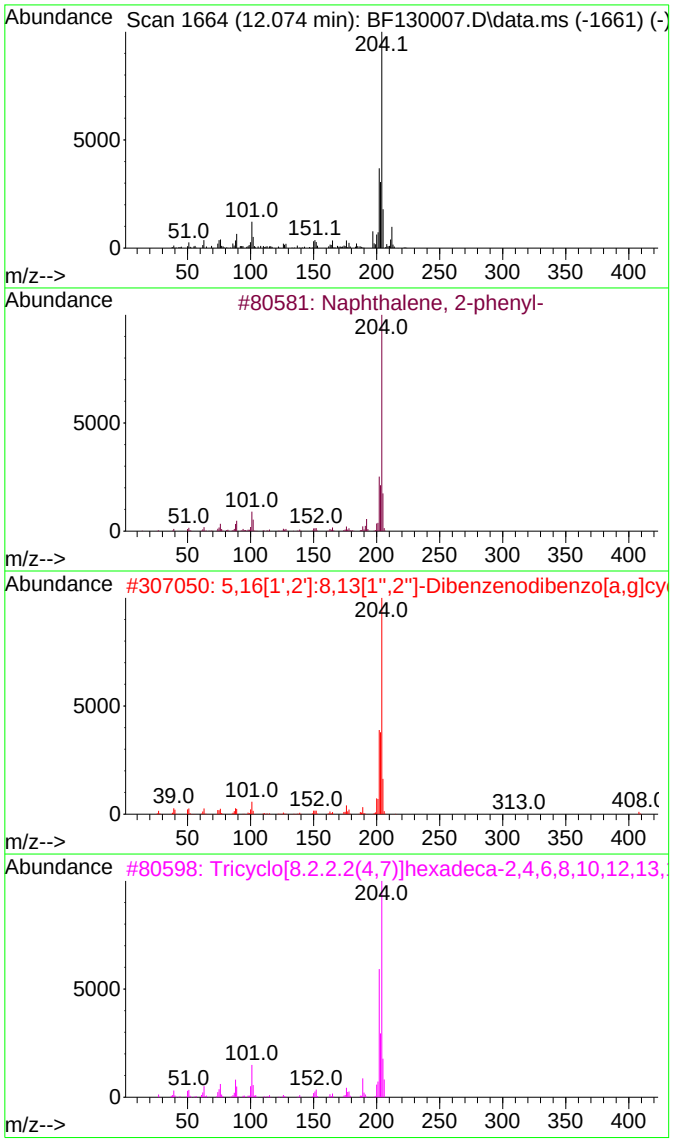
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

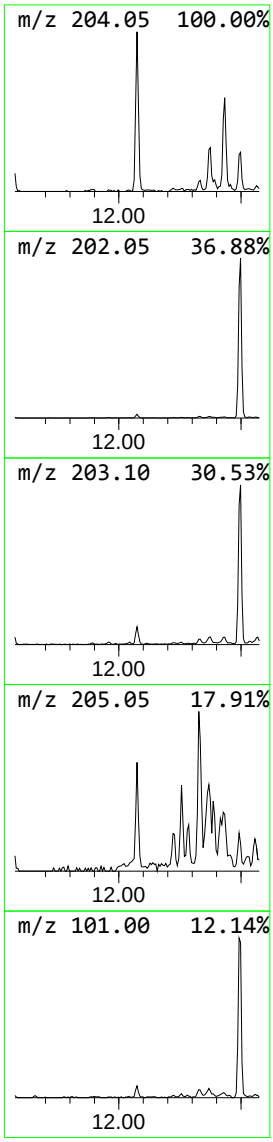
****

Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.074	2.62 ng	92511	Phenanthrene-d10	11.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52





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Data File : BF130007.D
Acq On : 25 Aug 2022 19:27
Operator : CG\JU
Sample : N4326-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-082322

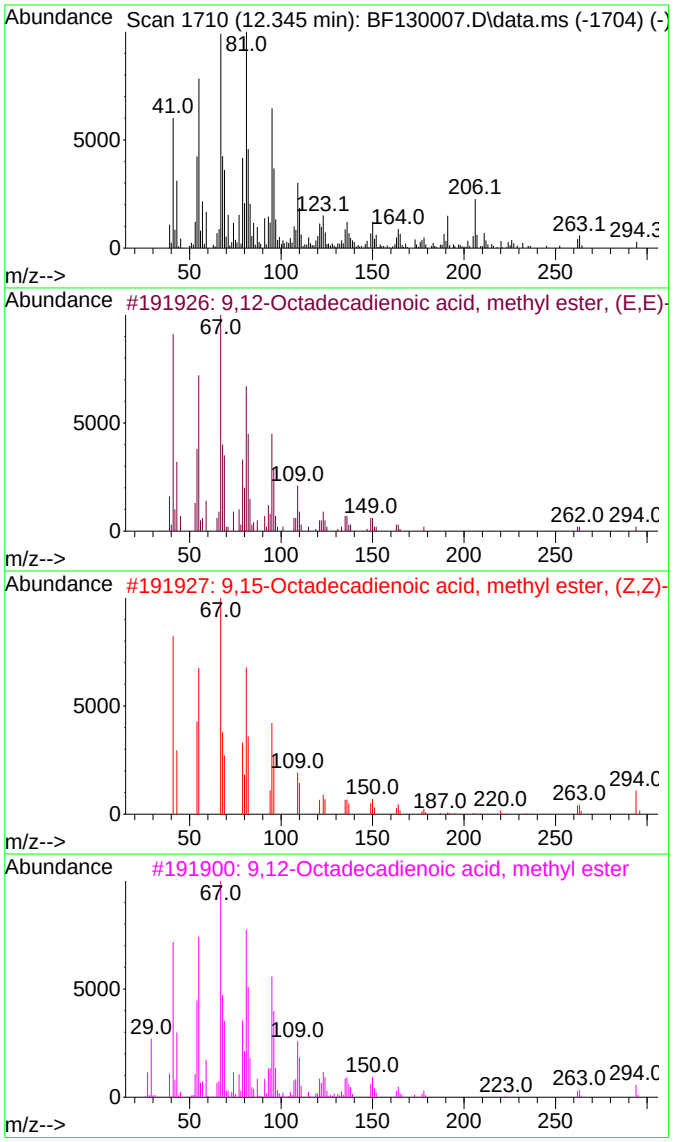
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

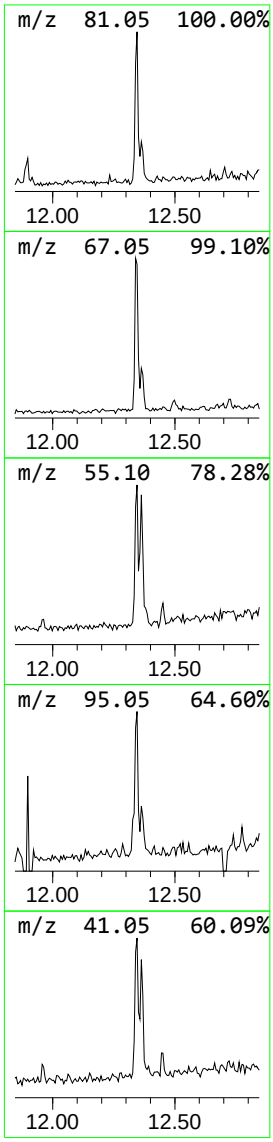
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.345	8.70 ng	306703	Phenanthrene-d10	11.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	96
4	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	94
5	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	93





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Acq On : 25 Aug 2022 19:27
Operator : CG\JU
Sample : N4326-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-082322

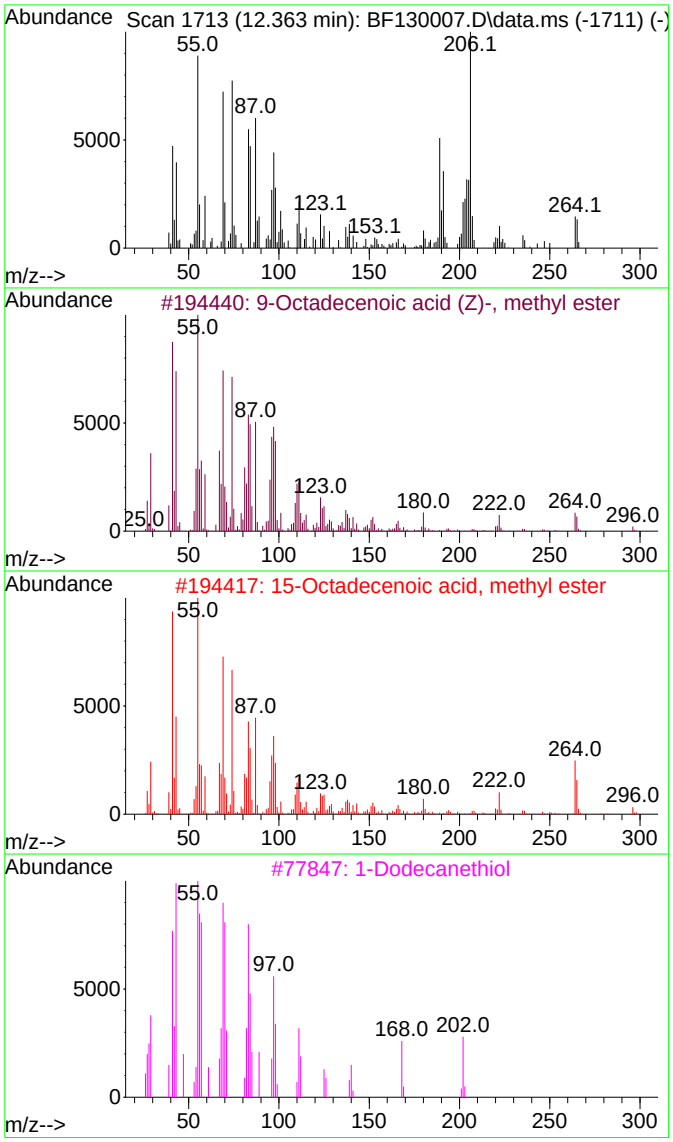
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

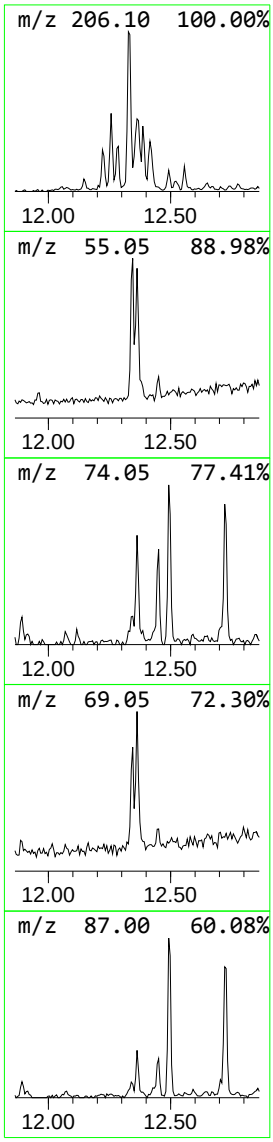
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9-Octadecenoic acid (Z)-, m... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	4.34 ng	153145	Phenanthrene-d10	11.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	60
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	49
3	1-Dodecanethiol	202	C12H26S	000112-55-0	46
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	38
5	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	35





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Operator : CG\JU
Sample : N4326-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-082322

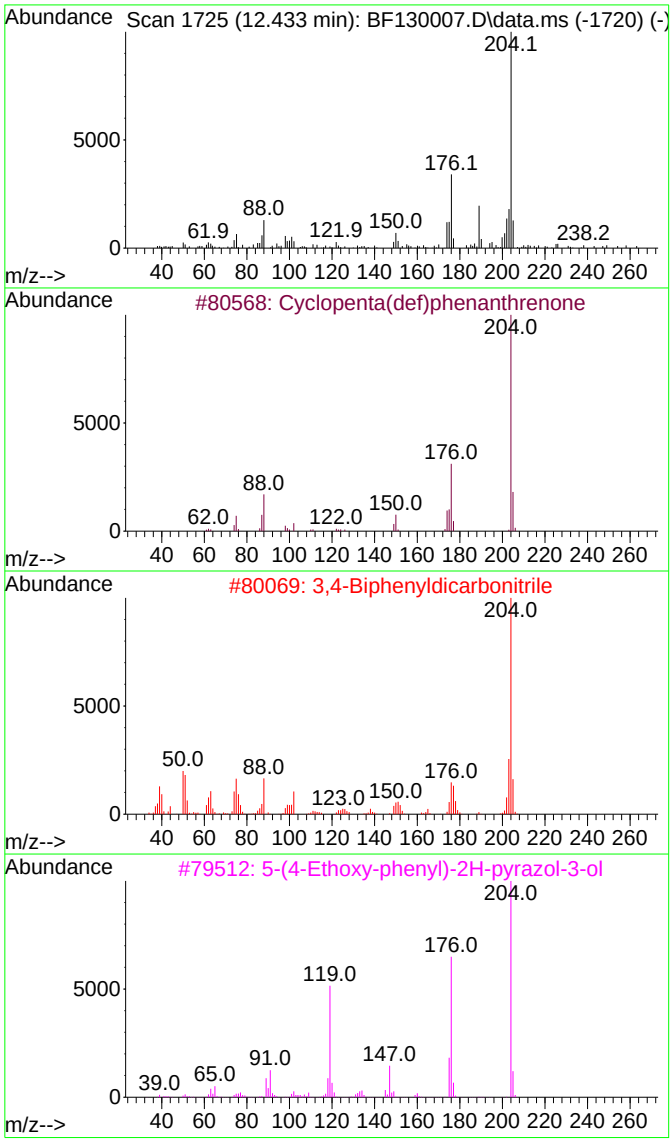
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

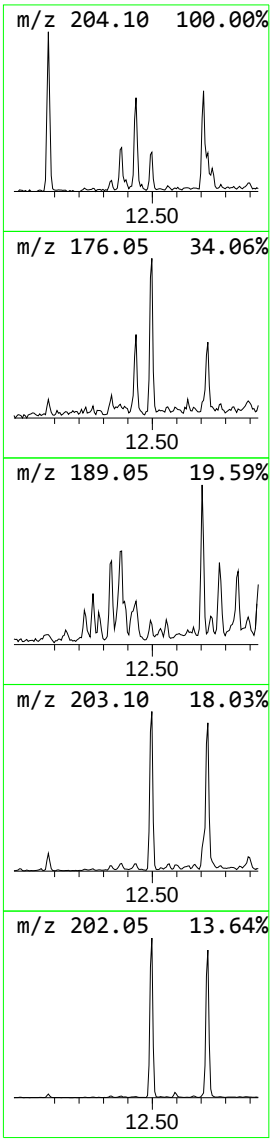
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	2.70 ng	95260	Phenanthrene-d10	11.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	76
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
3	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	50
4	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	50
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47





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Sample : N4326-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

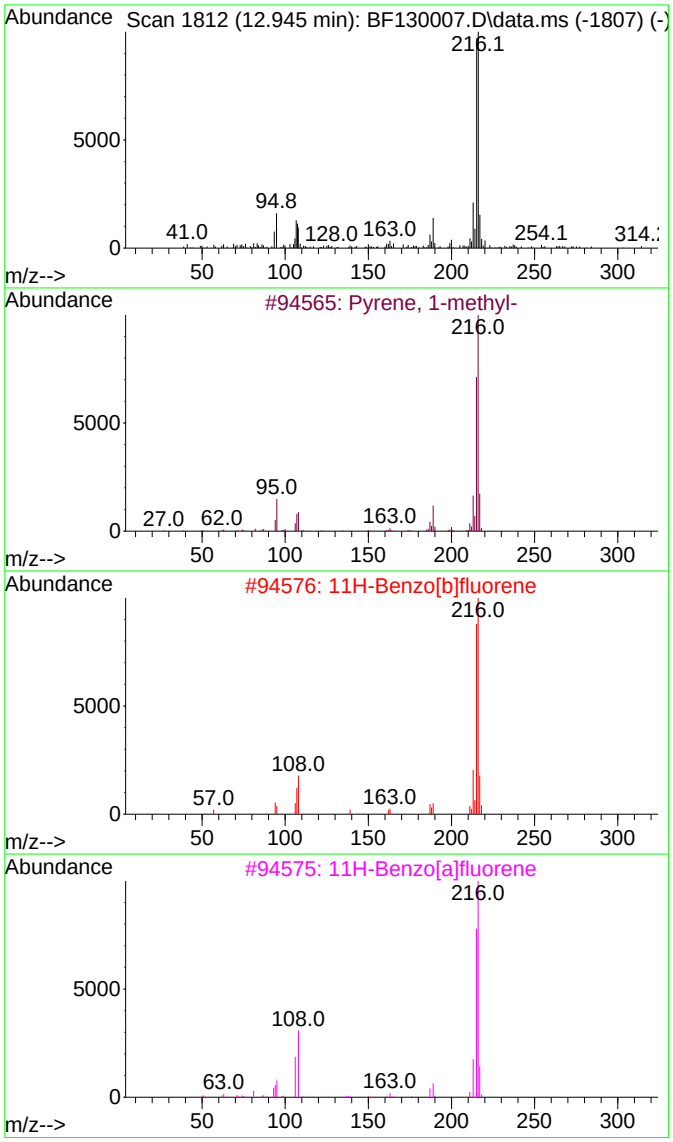
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

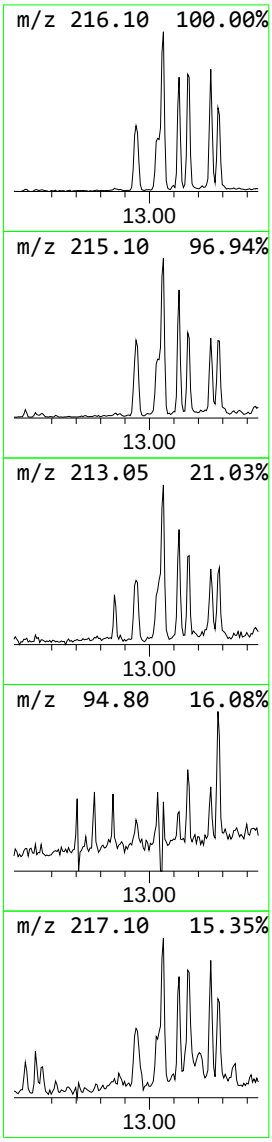
****

Peak Number 10 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.945	2.31 ng	170682	Chrysene-d12	13.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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Acq On : 25 Aug 2022 19:27
Operator : CG\JU
Sample : N4326-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-082322

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

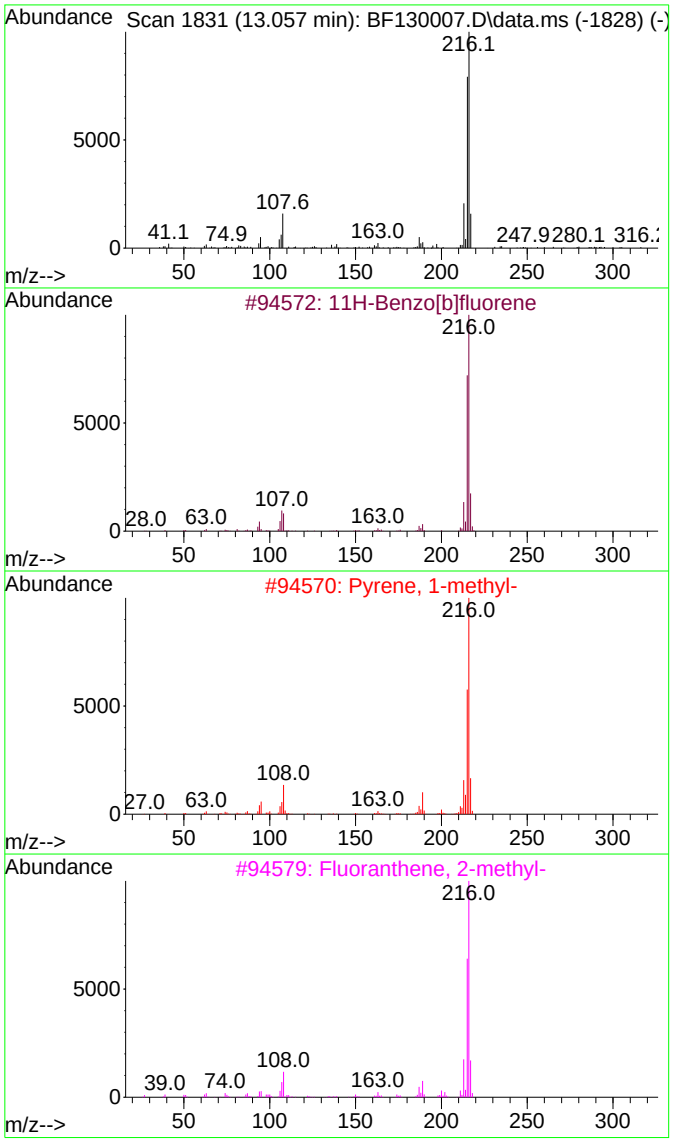
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

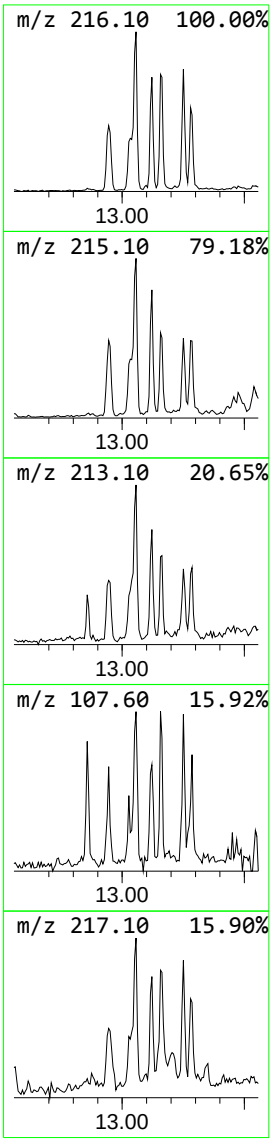
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.057	2.10 ng	155629	Chrysene-d12	13.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5	trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	59





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Sample : N4326-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-082322

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

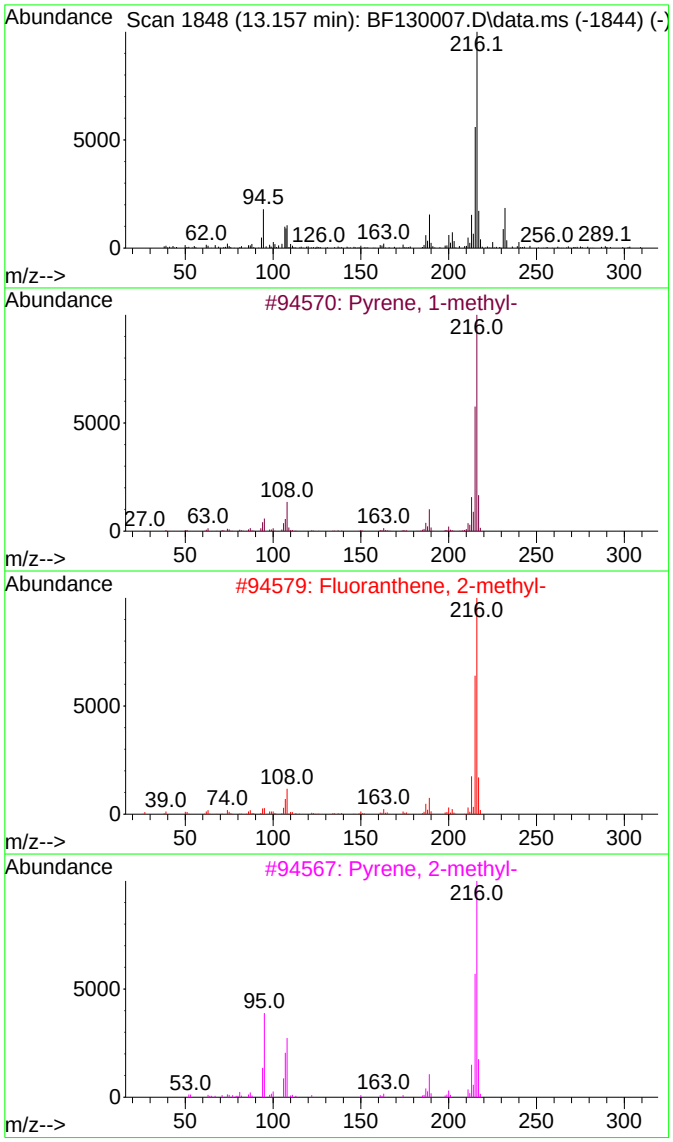
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

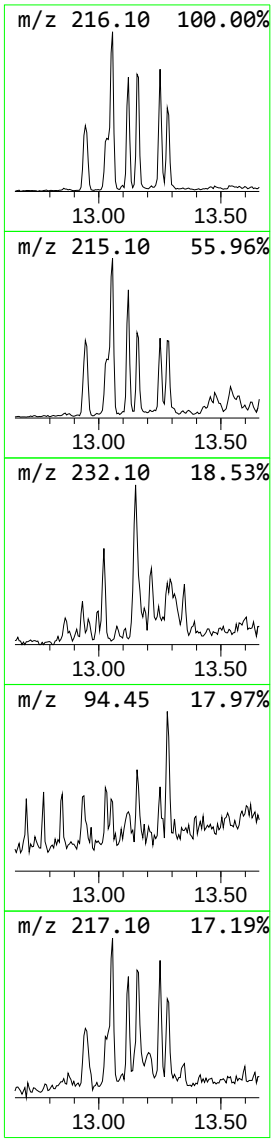
****

Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	2.32 ng	171973	Chrysene-d12	13.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80





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Misc :
ALS Vial : 15 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

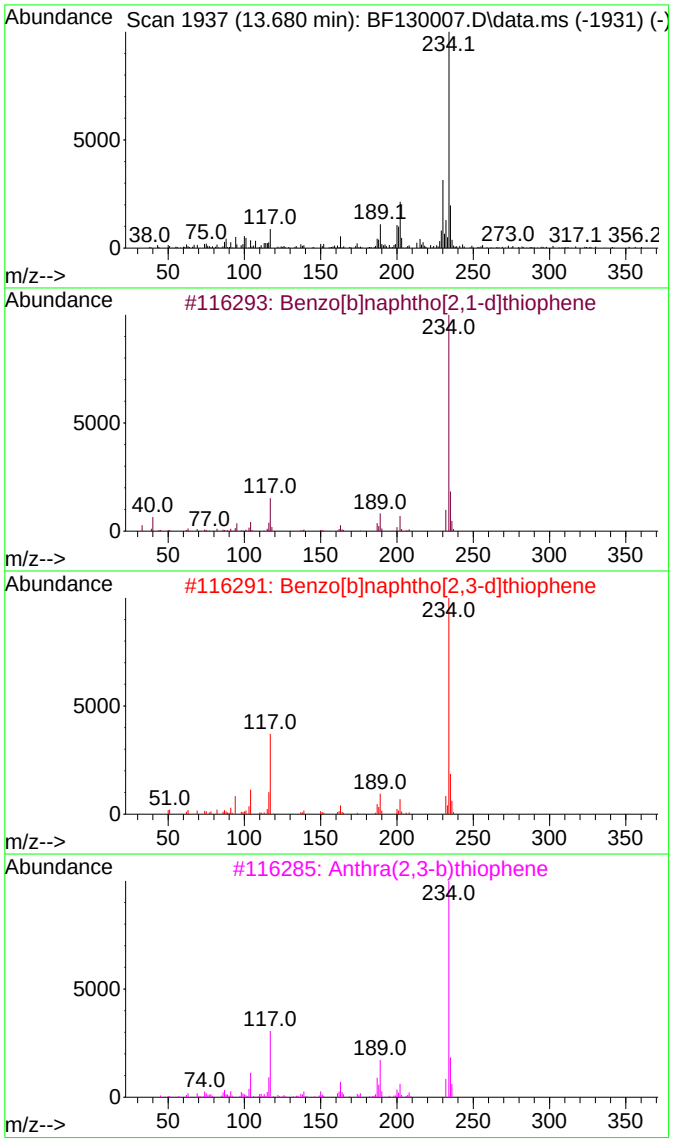
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

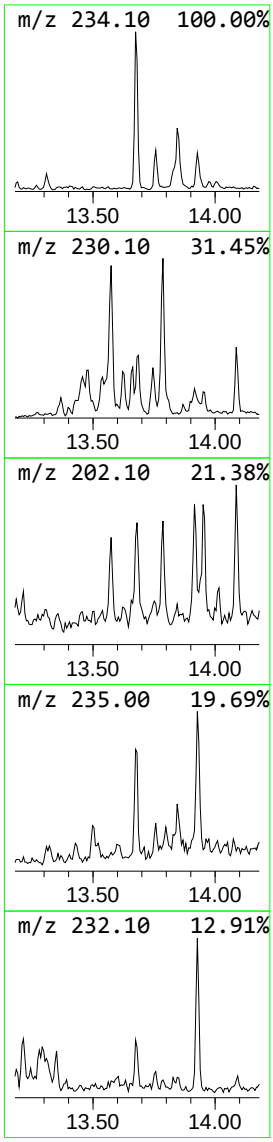
****

Peak Number 13 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.680	2.34 ng	173543	Chrysene-d12	13.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	62
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	50
4	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	49
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	47





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Sample : N4326-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-082322

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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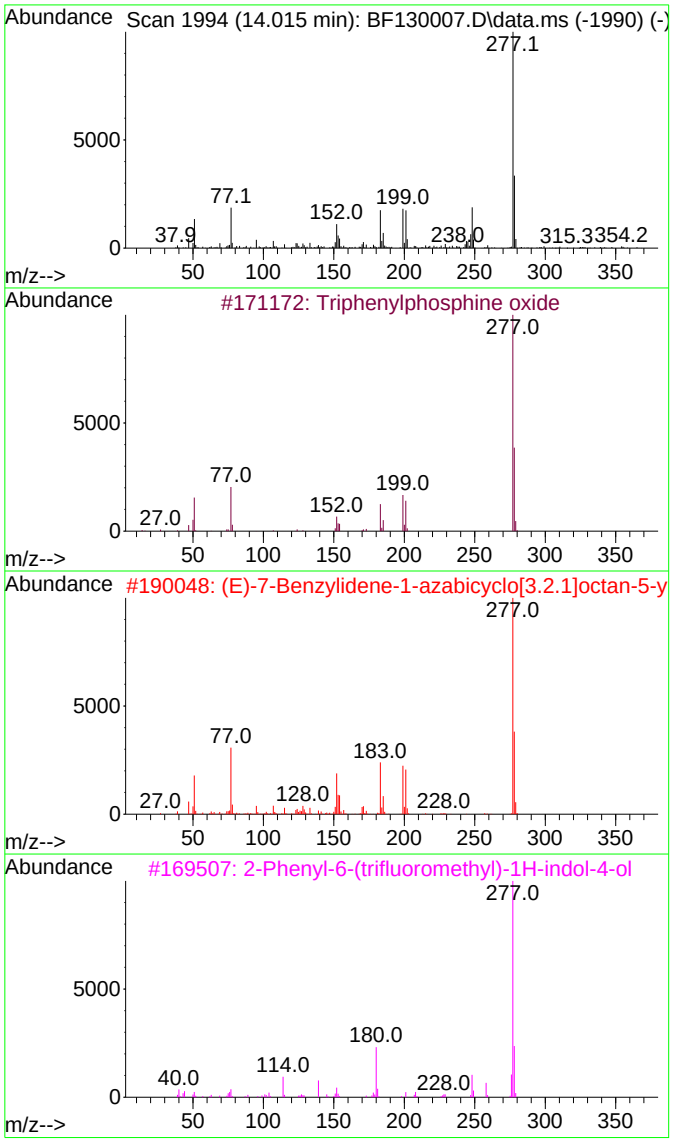
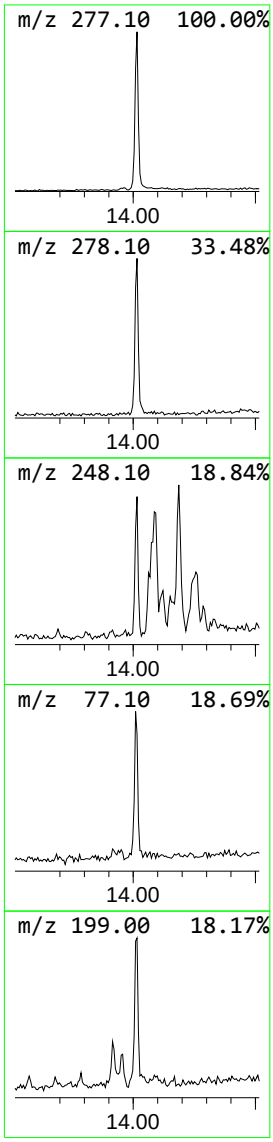
Peak Number 14 Triphenylphosphine oxide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.015	3.08 ng	228210	Chrysene-d12	13.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	95
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	53
3	2-Phenyl-6-(trifluoromethyl)-1H-...	277	C15H10F3NO	1000387-59-3	50
4	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	42
5	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	37





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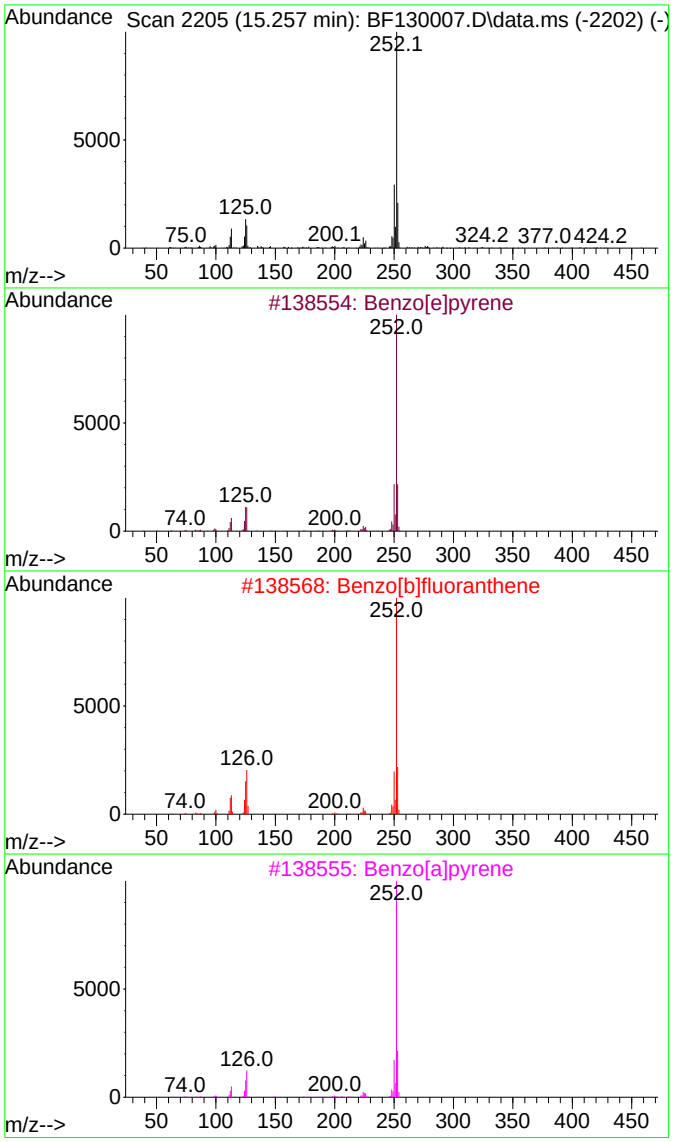
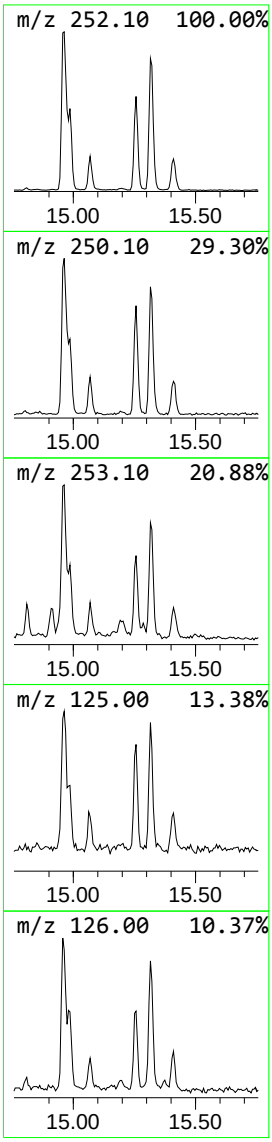
Peak Number 15 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.257	9.56 ng	239955	Perylene-d12	15.374

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	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.957	2.7	ng	85433	1	6.757	623126	20.0
Phenanthrene, 2...	11.780	4.5	ng	157530	4	11.280	705413	20.0
Anthracene, 9-m...	11.810	4.7	ng	164875	4	11.280	705413	20.0
4H-Cyclopenta[d...	11.892	6.5	ng	230496	4	11.280	705413	20.0
1H-Indene, 2-ph...	11.916	2.7	ng	94302	4	11.280	705413	20.0
Naphthalene, 2-...	12.074	2.6	ng	92511	4	11.280	705413	20.0
9,12-Octadecadi...	12.345	8.7	ng	306703	4	11.280	705413	20.0
9-Octadecenoic ...	12.363	4.3	ng	153145	4	11.280	705413	20.0
Cyclopenta(def)...	12.433	2.7	ng	95260	4	11.280	705413	20.0
Pyrene, 1-methyl-	12.945	2.3	ng	170682	5	13.927	1480520	20.0
11H-Benzo[b]flu...	13.057	2.1	ng	155629	5	13.927	1480520	20.0
Fluoranthene, 2...	13.157	2.3	ng	171973	5	13.927	1480520	20.0
Benzo[b]naphtho...	13.680	2.3	ng	173543	5	13.927	1480520	20.0
Triphenylphosph...	14.015	3.1	ng	228210	5	13.927	1480520	20.0
Benzo[e]pyrene	15.257	9.6	ng	239955	6	15.374	501933	20.0