LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
Data File : BF127181.D
Acq On : 03 Mar 2022 20:00
Operator : CG\JU
Sample : N1751-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUM-12

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-BF021622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127181.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.116	477	481	488	rVB	22502	29665	1.13%	0.097%
2	5.510	544	548	552	rBV	2479936	2282688	86.62%	7.467%
3	6.522	715	720	729	rVB	2350873	2515560	95.45%	8.229%
4	6.886	779	782	786	rBV	915141	723307	27.45%	2.366%
5	7.451	873	878	881	rBV	1777958	1657869	62.91%	5.423%
6	7.528	886	891	900	rVB6	16416	29449	1.12%	0.096%
7	8.069	980	983	993	rBV	84884	126412	4.80%	0.414%
8	8.169	996	1000	1004	rBV	1073192	991636	37.63%	3.244%
9	9.245	1178	1183	1186	rBV	3007388	2635434	100.00%	8.621%
10	9.757	1264	1270	1273	rBV6	13437	30964	1.17%	0.101%
11	9.886	1289	1292	1296	rBV	32456	39462	1.50%	0.129%
12	9.927	1296	1299	1303	rBV	1213740	1055270	40.04%	3.452%
13	10.245	1345	1353	1355	rBV2	37571	54728	2.08%	0.179%
14	10.322	1363	1366	1368	rBV	39392	40751	1.55%	0.133%
15	10.345	1368	1370	1374	rVB2	50005	42688	1.62%	0.140%
16	10.722	1430	1434	1437	rBV	2129422	1799776	68.29%	5.888%
17	10.822	1449	1451	1455	rVB2	26634	32308	1.23%	0.106%
18	11.027	1480	1486	1488	rBV6	21966	33422	1.27%	0.109%
19	11.116	1497	1501	1504	rVB5	26542	29164	1.11%	0.095%
20	11.269	1523	1527	1530	rBV2	46311	52454	1.99%	0.172%
21	11.316	1533	1535	1539	rVB	45449	39917	1.51%	0.131%
22	11.363	1540	1543	1546	rVB	89114	72858	2.76%	0.238%
23	11.421	1549	1553	1555	rBV	1265495	1054477	40.01%	3.450%
24	11.445	1555	1557	1560	rVV	811902	595872	22.61%	1.949%
25	11.498	1562	1566	1569	rVB	219716	191861	7.28%	0.628%
26	11.527	1569	1571	1576	rVB2	30889	37712	1.43%	0.123%
27	11.580	1576	1580	1585	rBV2	59811	86623	3.29%	0.283%
28	11.651	1589	1592	1598	rVV	52361	57493	2.18%	0.188%
29	11.798	1615	1617	1620	rVB2	35502	29431	1.12%	0.096%
30	11.921	1635	1638	1640	rBV	100769	100302	3.81%	0.328%
31	11.951	1640	1643	1645	rVB	146877	133697	5.07%	0.437%
32	11.974	1645	1647	1649	rVB	57669	36304	1.38%	0.119%
33	11.998	1649	1651	1654	rVB	74215	55767	2.12%	0.182%
34	12.033	1654	1657	1660	rBV	187691	215110	8.16%	0.704%
35	12.110	1667	1670	1672	rBV2	49997	46515	1.76%	0.152%
36	12.151	1675	1677	1681	rVV4	43001	51085	1.94%	0.167%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : DUM-12

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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.186	1681	1683	1686	rVB2	68949	59672	2.26%	0.195%
38	12.216	1686	1688	1691	rBV	98624	85742	3.25%	0.280%
39	12.392	1716	1718	1722	rBV5	27354	32089	1.22%	0.105%
40	12.474	1730	1732	1734	rBV2	39488	32567	1.24%	0.107%
41	12.498	1734	1736	1738	rVV	44664	35448	1.35%	0.116%
42	12.563	1745	1747	1751	rBV4	36029	40037	1.52%	0.131%
43	12.598	1751	1753	1757	rVB4	35686	41685	1.58%	0.136%
44	12.645	1757	1761	1764	rBV	2076142	1642978	62.34%	5.375%
45	12.727	1772	1775	1778	rVB2	150019	131159	4.98%	0.429%
46	12.792	1783	1786	1788	rVV	76315	80334	3.05%	0.263%
47	12.827	1789	1792	1794	rVV2	147707	169202	6.42%	0.554%
48	12.868	1794	1799	1804	rVV	1424710	1669103	63.33%	5.460%
49	12.916	1804	1807	1811	rVB2	70010	72319	2.74%	0.237%
50	13.010	1819	1823	1826	rVB	2193802	1879169	71.30%	6.147%
51	13.086	1831	1836	1840	rBV2	79341	133800	5.08%	0.438%
52	13.168	1847	1850	1851	rBV2	57065	54040	2.05%	0.177%
53	13.192	1851	1854	1857	rVB	250068	244214	9.27%	0.799%
54	13.227	1857	1860	1862	rBV	126592	107385	4.07%	0.351%
55	13.263	1862	1866	1868	rVV	277678	234325	8.89%	0.767%
56	13.298	1868	1872	1875	rVV2	103575	133160	5.05%	0.436%
57	13.327	1875	1877	1879	rVV	55779	52507	1.99%	0.172%
58	13.351	1879	1881	1884	rVB2	39281	35607	1.35%	0.116%
59	13.392	1885	1888	1891	rVB	52151	46941	1.78%	0.154%
60	13.421	1891	1893	1899	rBV3	59823	75173	2.85%	0.246%
61	13.474	1899	1902	1906	rVB5	39261	40739	1.55%	0.133%
62	13.568	1915	1918	1921	rBV	135984	107255	4.07%	0.351%
63	13.674	1934	1936	1939	rBV2	36167	46789	1.78%	0.153%
64	13.704	1939	1941	1945	rVB	46796	47776	1.81%	0.156%
65	13.815	1957	1960	1962	rBV	130491	114789	4.36%	0.376%
66	13.845	1962	1965	1967	rVV	103211	87456	3.32%	0.286%
67	13.868	1967	1969	1972	rVV2	67927	100753	3.82%	0.330%
68	13.898	1972	1974	1978	rVB2	149755	130057	4.93%	0.425%
69	14.062	1995	2002	2005	rBV2	889808	1343140	50.96%	4.394%
70	14.092	2005	2007	2013	rVB	601595	511451	19.41%	1.673%
71	14.174	2018	2021	2023	rVV	129622	112855	4.28%	0.369%
72	14.215	2024	2028	2032	rVV2	150400	162182	6.15%	0.531%
73	14.257	2033	2035	2037	rVV	62657	59264	2.25%	0.194%
74	14.298	2037	2042	2044	rVV2	67453	98860	3.75%	0.323%
75	14.321	2044	2046	2052	rVB5	26394	29944	1.14%	0.098%
76	14.451	2064	2068	2071	rVB	92552	93123	3.53%	0.305%

LSC Area Percent Report

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Misc :
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Instrument :
BNA_F
ClientSampleId :
DUM-12

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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77	14.486	2071	2074	2077	rVB2	49343	42846	1.63%	0.140%
78	14.521	2077	2080	2082	rBV	113054	112206	4.26%	0.367%
79	14.580	2087	2090	2091	rVV	51886	51015	1.94%	0.167%
80	14.598	2091	2093	2098	rVB2	70361	68962	2.62%	0.226%
81	14.768	2119	2122	2125	rBV4	29115	38431	1.46%	0.126%
82	14.827	2129	2132	2138	rVB2	64529	77404	2.94%	0.253%
83	14.980	2156	2158	2161	rVB3	43255	40554	1.54%	0.133%
84	15.121	2177	2182	2185	rBV	414340	655383	24.87%	2.144%
85	15.174	2189	2191	2197	rVB2	85812	101142	3.84%	0.331%
86	15.227	2197	2200	2204	rBV	76538	93196	3.54%	0.305%
87	15.315	2213	2215	2222	rBV4	19942	31222	1.18%	0.102%
88	15.433	2230	2235	2241	rVB	228814	309459	11.74%	1.012%
89	15.492	2241	2245	2251	rVB	342988	415924	15.78%	1.361%
90	15.562	2252	2257	2260	rVV	549857	684445	25.97%	2.239%
91	15.592	2260	2262	2268	rVB2	112487	129349	4.91%	0.423%
92	16.009	2329	2333	2338	rBV2	54030	76968	2.92%	0.252%
93	17.068	2507	2513	2521	rBV3	124921	247034	9.37%	0.808%
94	17.527	2585	2591	2601	rVB2	79284	178935	6.79%	0.585%
95	17.774	2629	2633	2638	rVB2	19398	31285	1.19%	0.102%

Sum of corrected areas: 30568880

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Misc :
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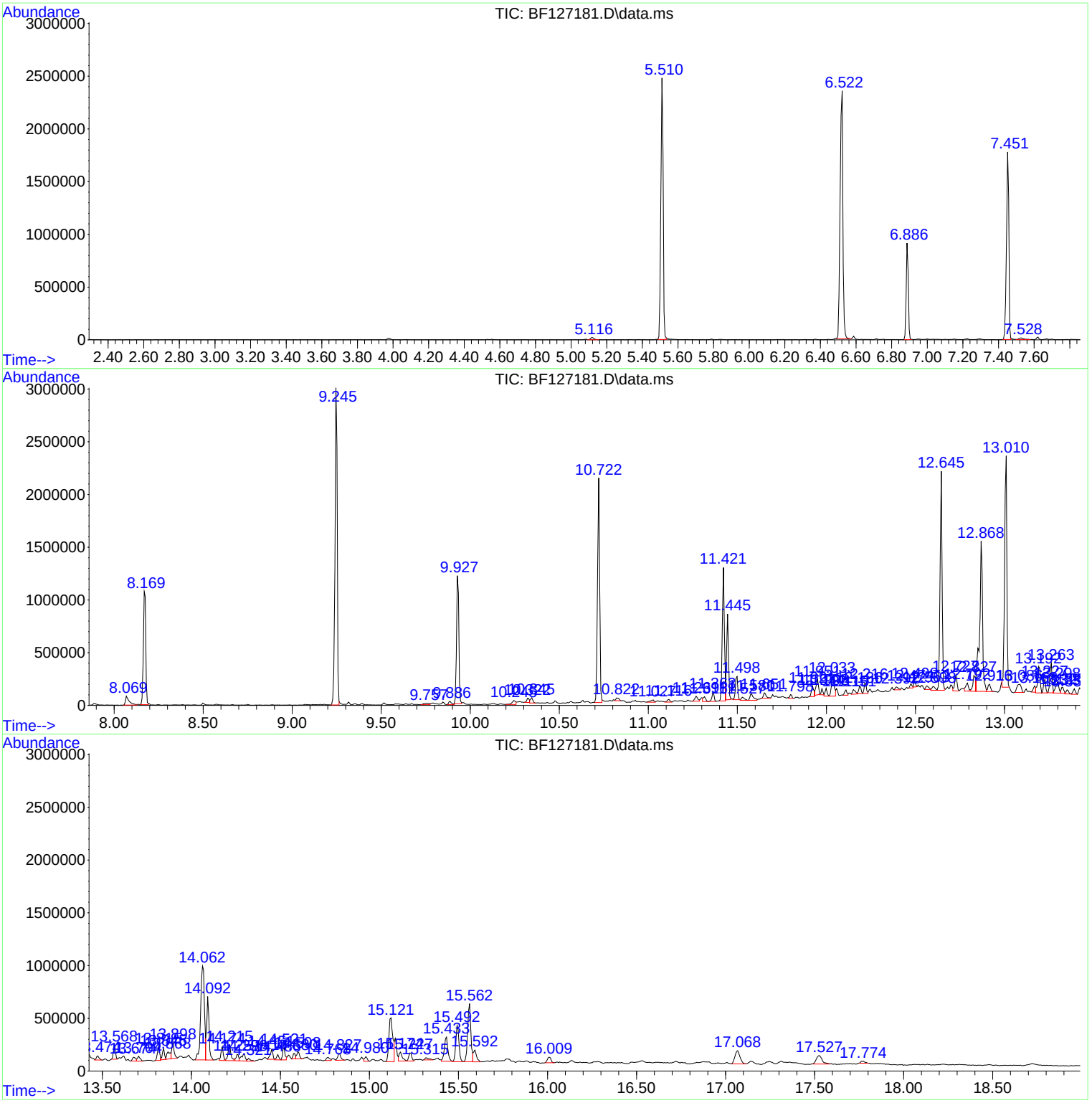
Instrument :
BNA_F
ClientSampleId :
DUM-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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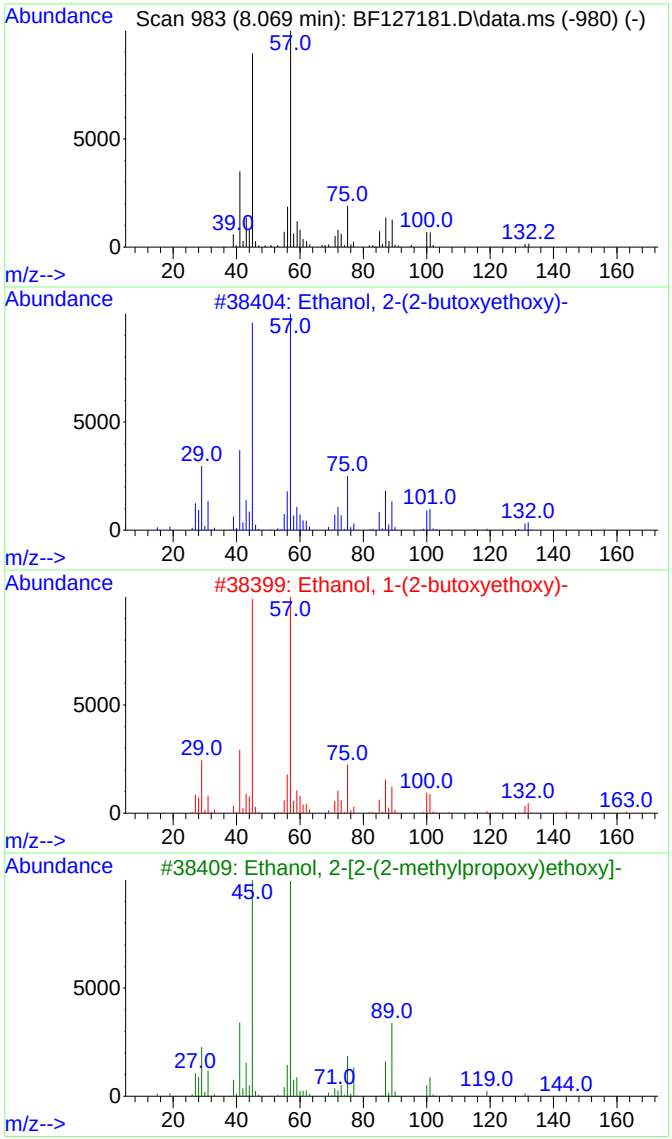
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

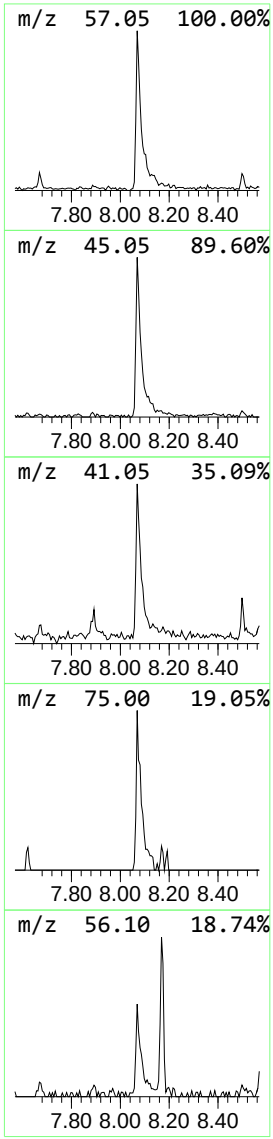
****

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.069	2.55 ng	126412	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	83
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	78
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
5	Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	59





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Sample : N1751-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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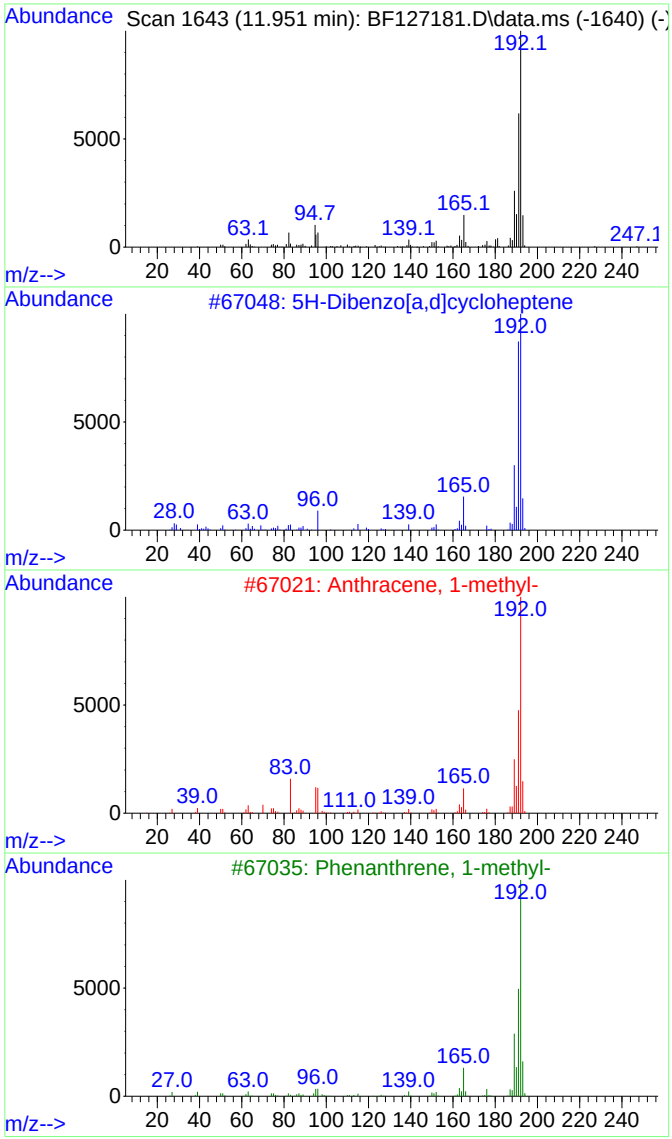
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

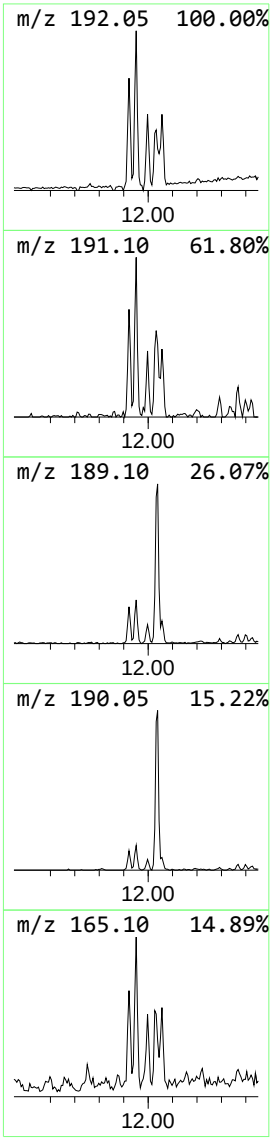
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 5H-Dibenzo[a,d]cycloheptene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	2.54 ng	133697	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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BNA_F
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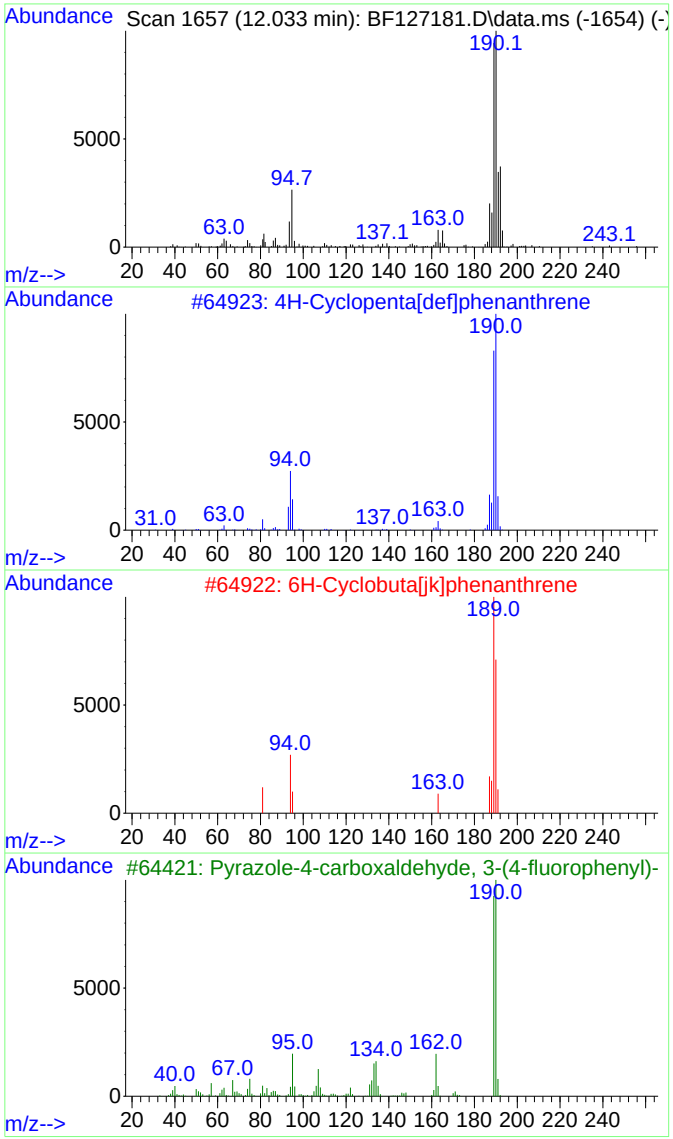
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

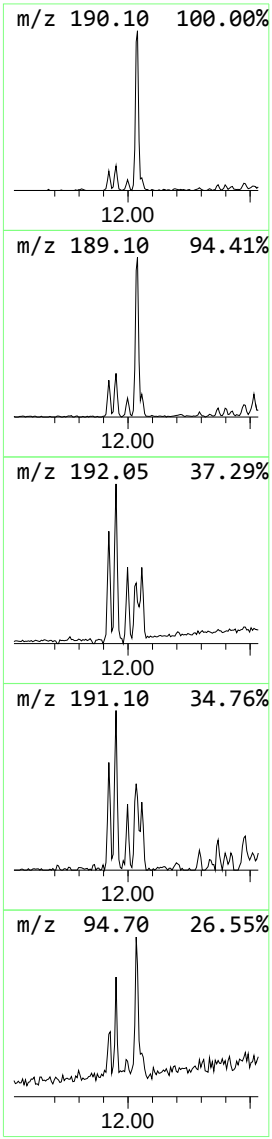
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	4.08 ng	215110	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	58
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





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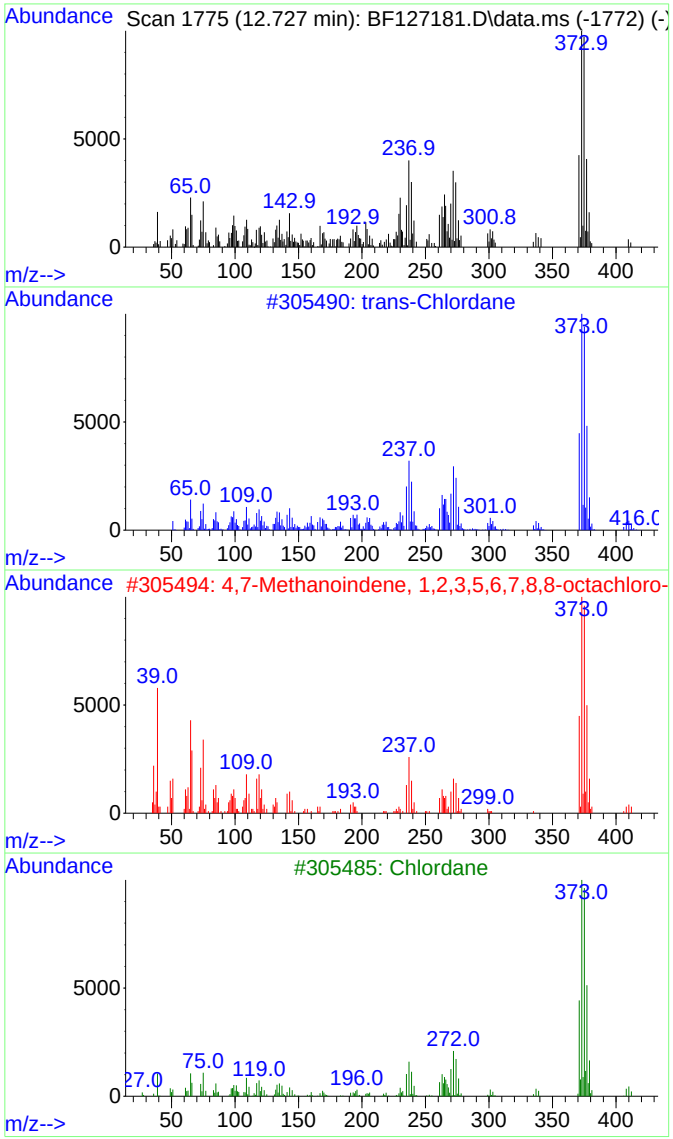
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

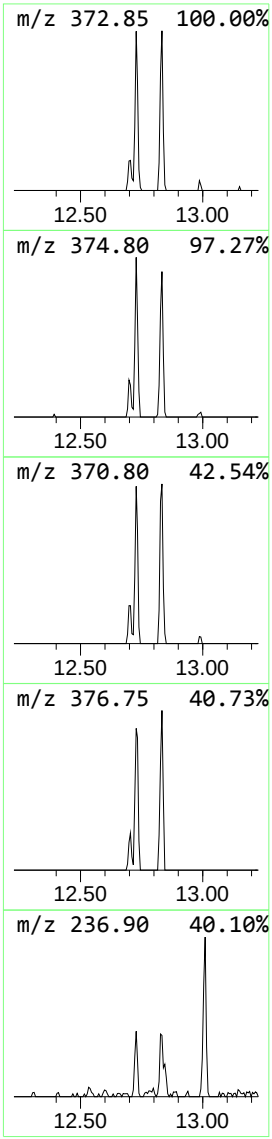
****

Peak Number 4 trans-Chlordane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.727	2.49 ng	131159	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Chlordane	406	C10H6Cl8	005103-74-2	99
2	4,7-Methanoindene, 1,2,3,5,6,7,8...	406	C10H6Cl8	1000017-10-9	87
3	Chlordane	406	C10H6Cl8	000057-74-9	55
4	Cyclohexene, 4,5-dibromo-1-(1,2-...	450	C10H14Br4	070168-60-4	50
5	cis-Chlordane	406	C10H6Cl8	005103-71-9	46





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Data File : BF127181.D
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Sample : N1751-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUM-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

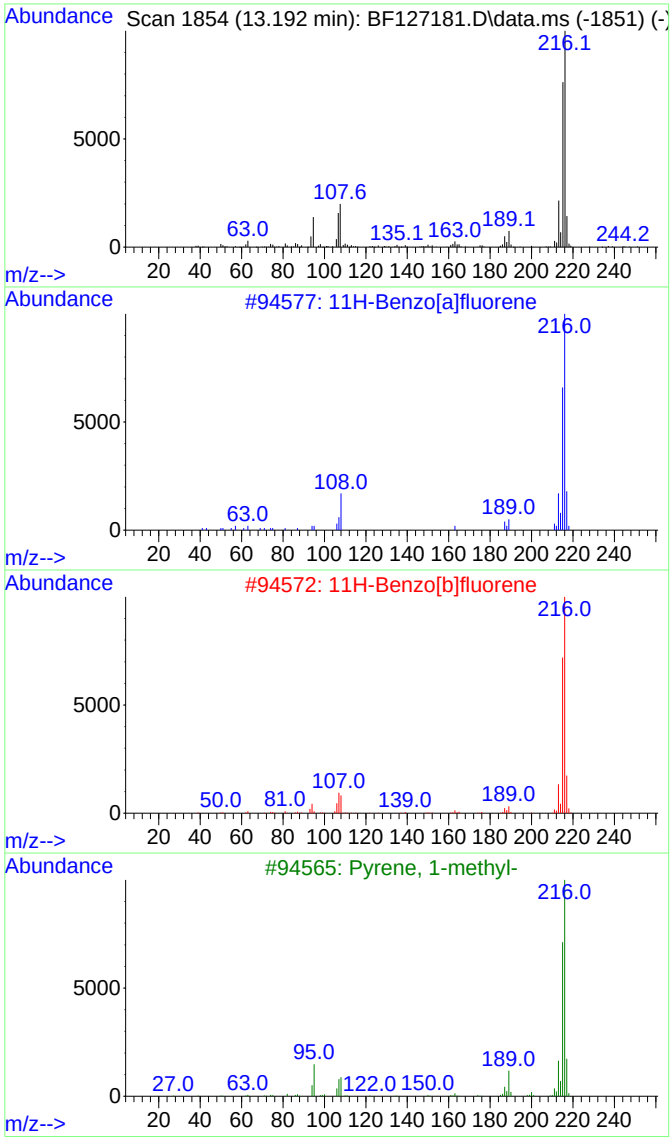
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

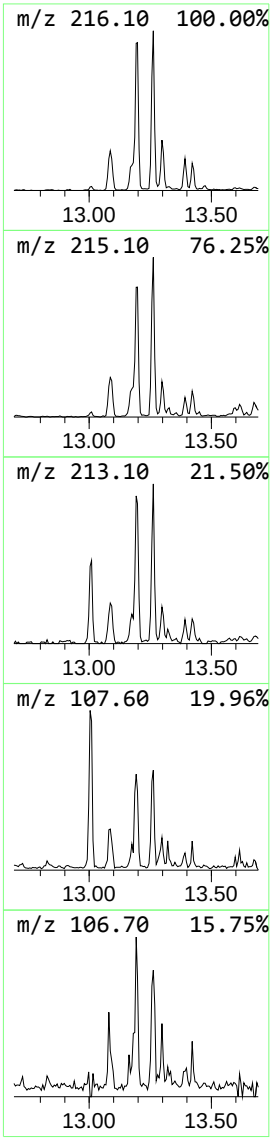
****

Peak Number 5 11H-Benzo[a]fluorene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	3.64 ng	244214	Chrysene-d12	14.068

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	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Data File : BF127181.D
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Sample : N1751-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUM-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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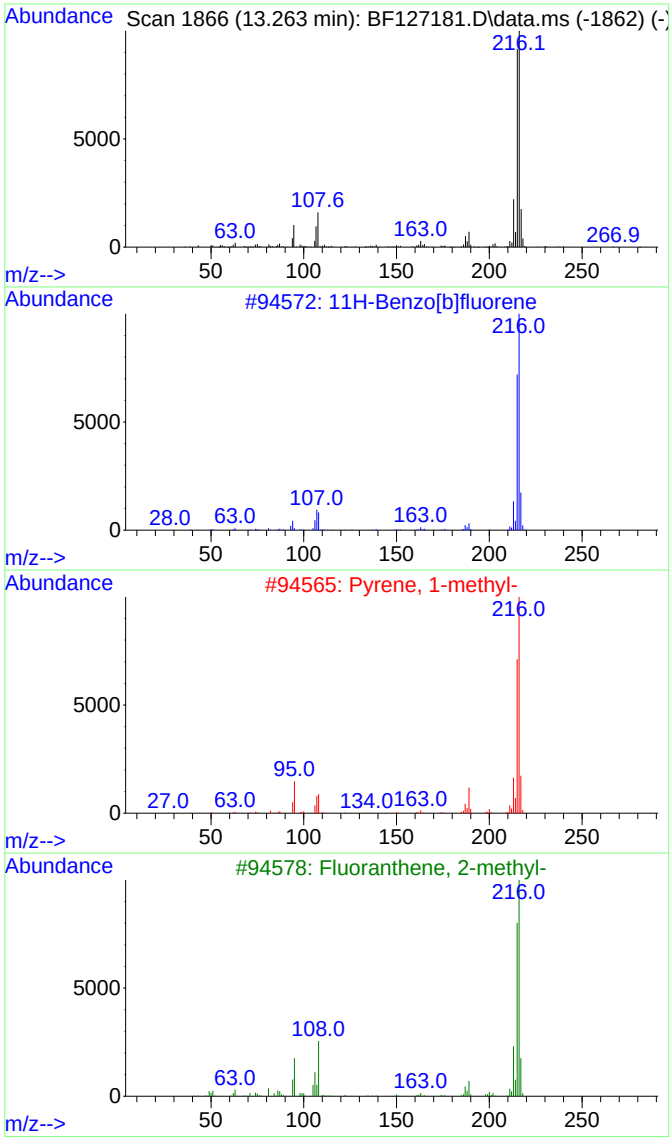
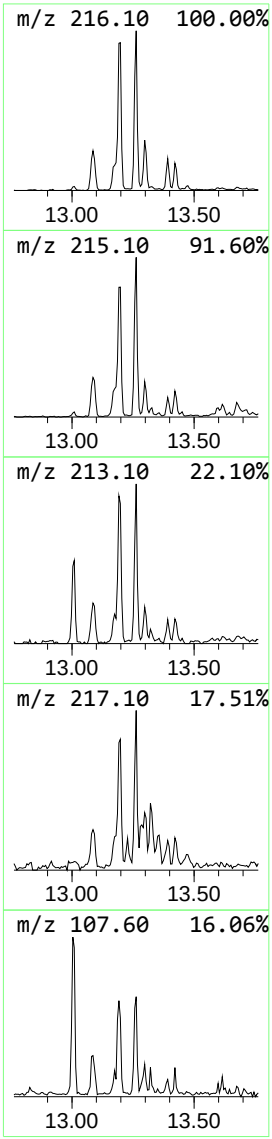
Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.262	3.49 ng	234325	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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Acq On : 03 Mar 2022 20:00
Operator : CG\JU
Sample : N1751-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUM-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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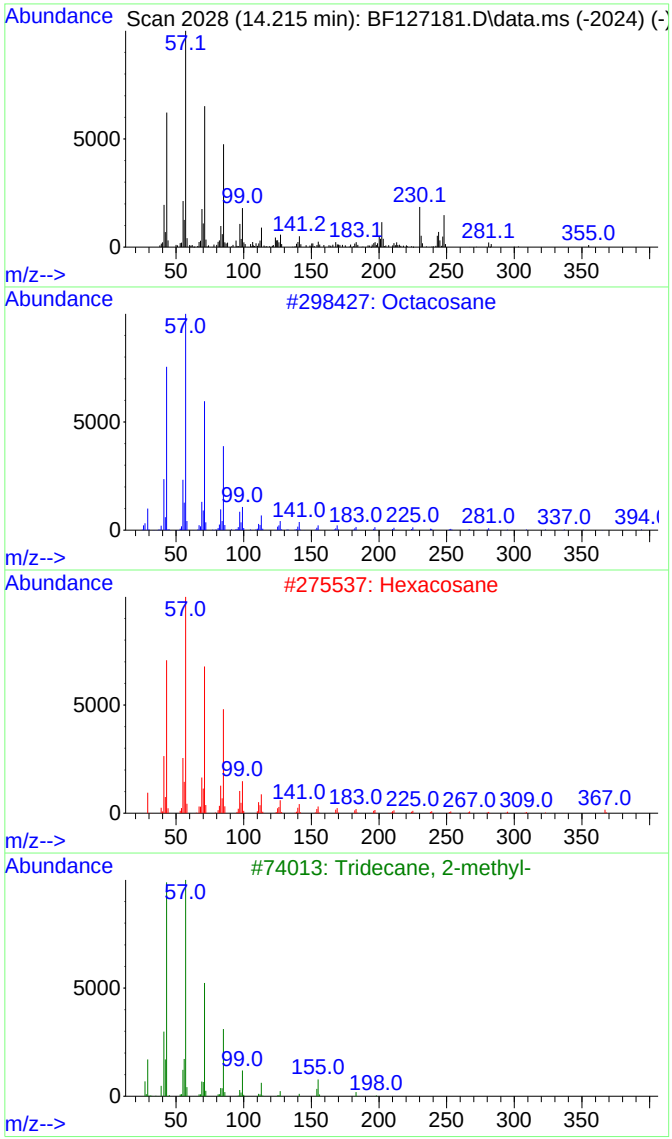
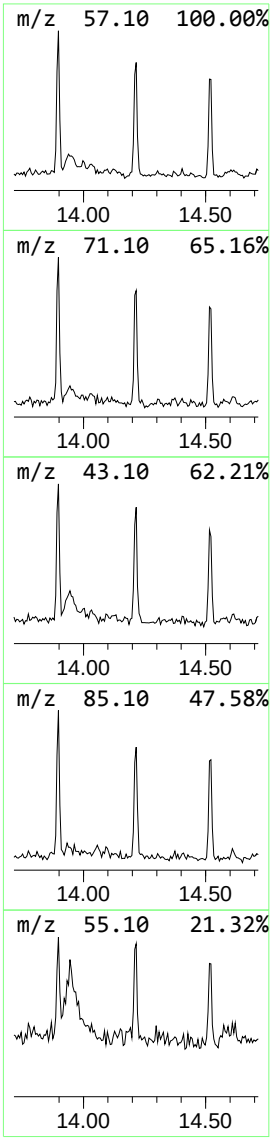
Peak Number 7 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.215	2.41 ng	162182	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	70
2	Hexacosane	366	C26H54	000630-01-3	70
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
4	Heneicosane	296	C21H44	000629-94-7	62
5	Tetracosane	338	C24H50	000646-31-1	62





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Operator : CG\JU
Sample : N1751-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUM-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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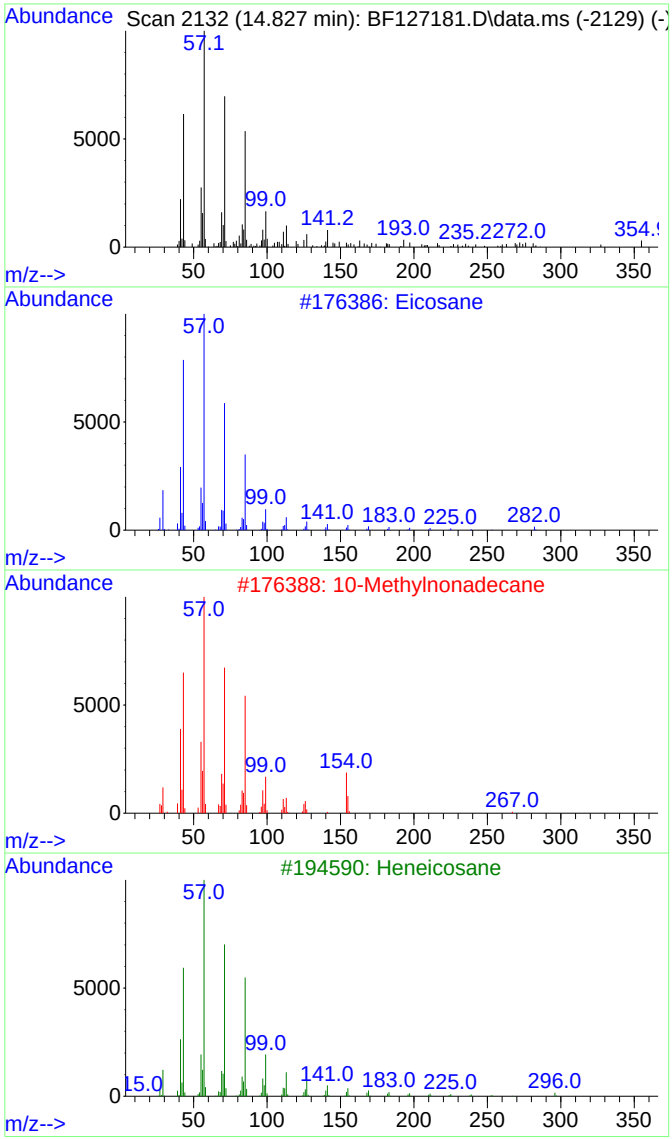
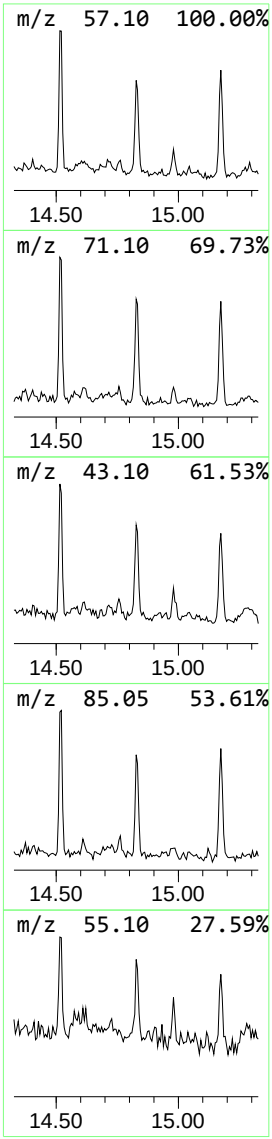
Peak Number 8 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.827	2.26 ng	77404	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	10-Methylnonadecane	282	C20H42	056862-62-5	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Tetracosane	338	C24H50	000646-31-1	86





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Operator : CG\JU
Sample : N1751-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUM-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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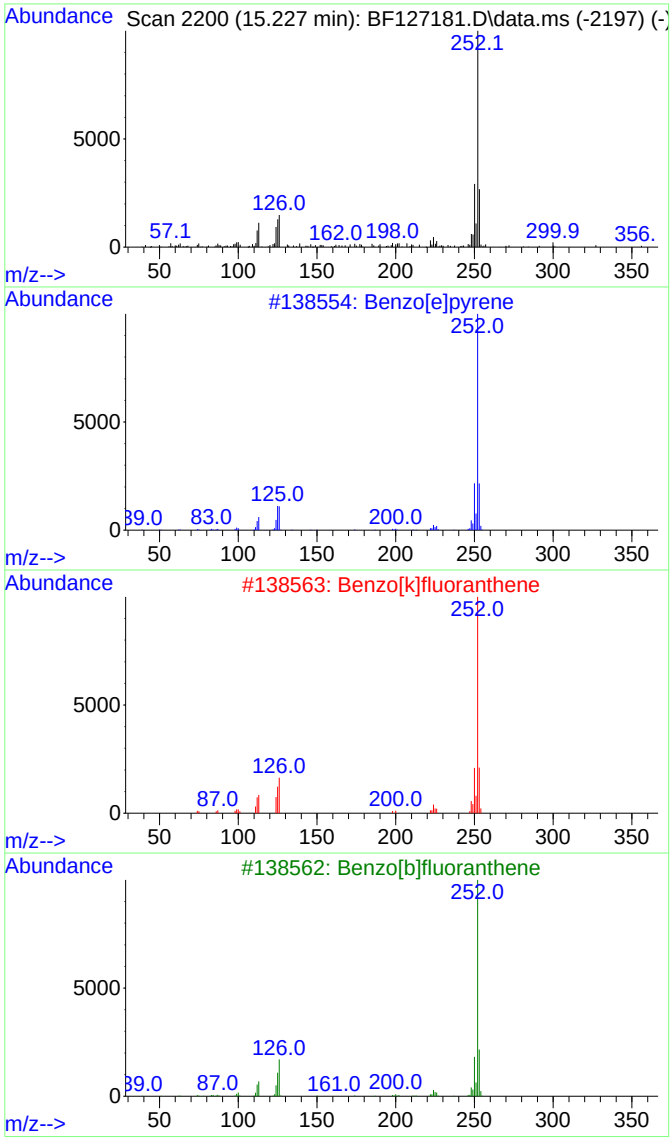
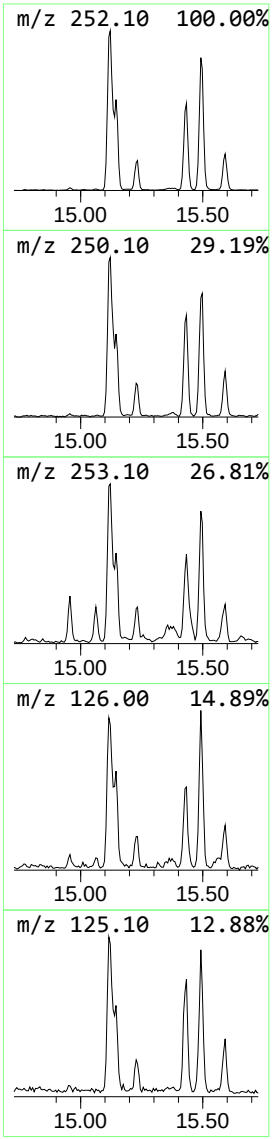
Peak Number 9 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.227	2.72 ng	93196	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





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Data File : BF127181.D
Acq On : 03 Mar 2022 20:00
Operator : CG\JU
Sample : N1751-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUM-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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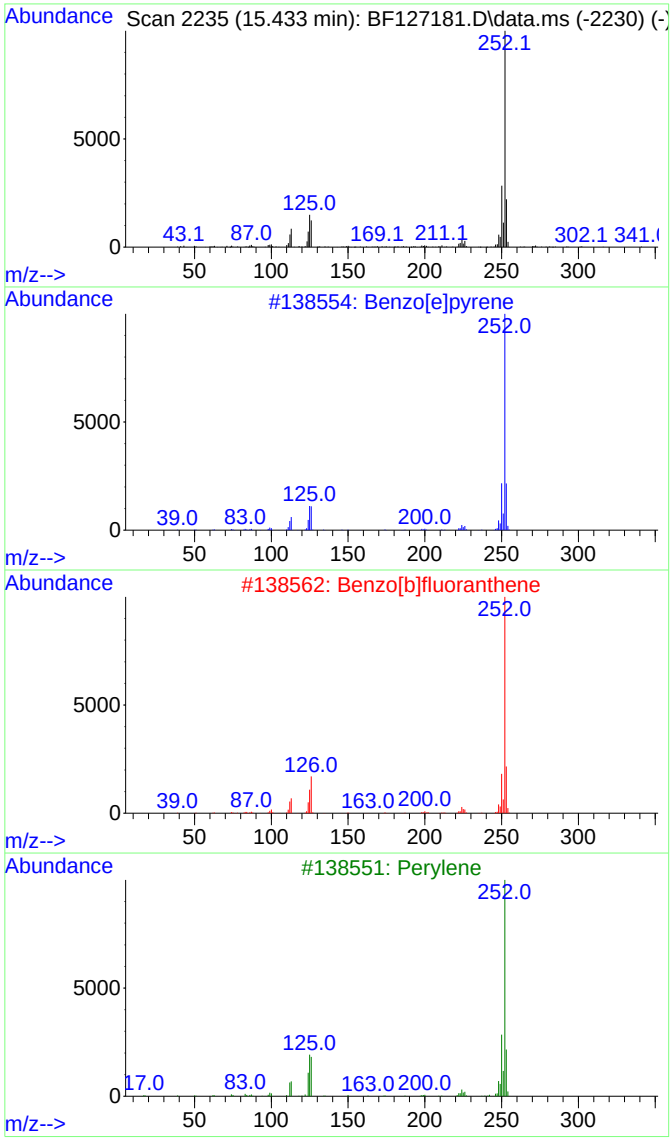
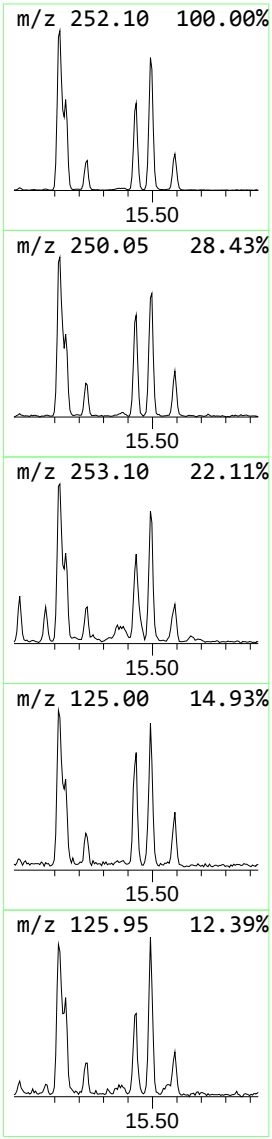
Peak Number 10 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.433	9.04 ng	309459	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





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Operator : CG\JU
Sample : N1751-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUM-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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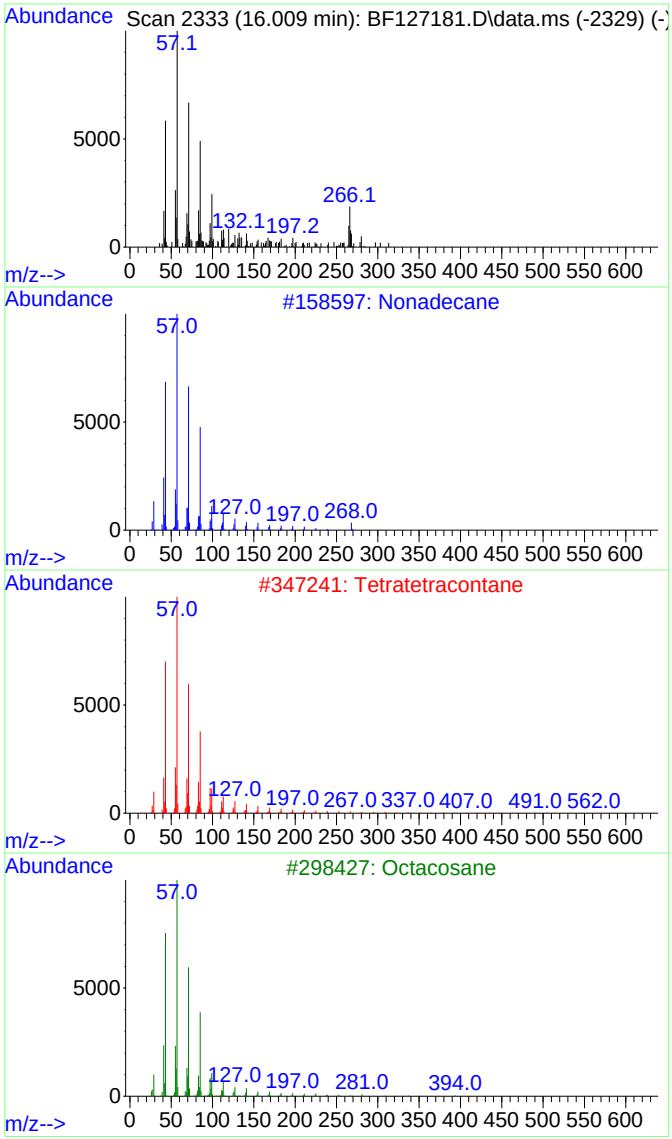
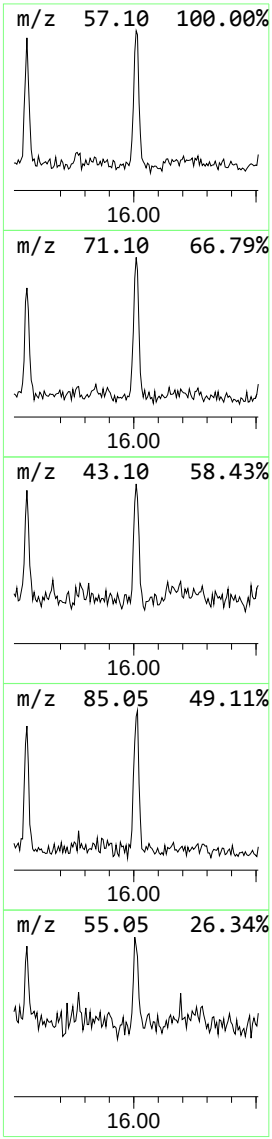
Peak Number 11 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.009	2.25 ng	76968	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Tetratetracontane	619	C44H90	007098-22-8	70
3	Octacosane	394	C28H58	000630-02-4	62
4	Octadecane	254	C18H38	000593-45-3	62
5	Pentacosane	352	C25H52	000629-99-2	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
Data File : BF127181.D
Acq On : 03 Mar 2022 20:00
Operator : CG\JU
Sample : N1751-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUM-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.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
Ethanol, 2-(2-b...	8.069	2.5	ng	126412	2	8.169	991636	20.0
5H-Dibenzo[a,d]...	11.951	2.5	ng	133697	4	11.422	1054480	20.0
4H-Cyclopenta[d...	12.033	4.1	ng	215110	4	11.422	1054480	20.0
trans-Chlordane	12.727	2.5	ng	131159	4	11.422	1054480	20.0
11H-Benzo[a]flu...	13.192	3.6	ng	244214	5	14.068	1343140	20.0
11H-Benzo[b]flu...	13.262	3.5	ng	234325	5	14.068	1343140	20.0
Octacosane	14.215	2.4	ng	162182	5	14.068	1343140	20.0
Eicosane	14.827	2.3	ng	77404	6	15.562	684445	20.0
Benzo[e]pyrene	15.227	2.7	ng	93196	6	15.562	684445	20.0
Perylene	15.433	9.0	ng	309459	6	15.562	684445	20.0
Nonadecane	16.009	2.3	ng	76968	6	15.562	684445	20.0