LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098918.D
Acq On : 28 Sep 2017 20:35
Operator : SJ/JU
Sample : I5448-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-TP-106C-(0-5)

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:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.258	25	29	37	rVB	107508	153611	3.89%	0.292%
2	5.157	517	522	531	rBV	524890	749267	18.98%	1.422%
3	5.546	579	588	591	rBV	3605073	3753695	95.07%	7.126%
4	5.763	622	625	630	rVB2	70563	67296	1.70%	0.128%
5	6.545	751	758	761	rBV	3294934	3706424	93.87%	7.036%
6	6.687	777	782	785	rBV	3701302	3810129	96.50%	7.233%
7	6.745	789	792	795	rBV2	94358	88089	2.23%	0.167%
8	6.916	817	821	824	rBV	1242412	989874	25.07%	1.879%
9	7.075	843	848	851	rBV	3225079	2988724	75.69%	5.674%
10	7.175	860	865	869	rBV	94250	85020	2.15%	0.161%
11	7.316	882	889	892	rBV	76084	68810	1.74%	0.131%
12	7.481	908	917	919	rBV	2396436	2448881	62.02%	4.649%
13	8.198	1035	1039	1041	rBV	1531541	1276723	32.34%	2.424%
14	8.216	1041	1042	1045	rVB	145754	97961	2.48%	0.186%
15	8.781	1135	1138	1141	rBV	103615	88490	2.24%	0.168%
16	8.904	1156	1159	1164	rVB2	114157	106860	2.71%	0.203%
17	9.010	1173	1177	1180	rBV	71662	64809	1.64%	0.123%
18	9.275	1215	1222	1225	rBV	4173824	3948382	100.00%	7.495%
19	9.534	1263	1266	1270	rVB2	45503	56112	1.42%	0.107%
20	9.610	1274	1279	1281	rBV	80028	82581	2.09%	0.157%
21	9.663	1285	1288	1295	rVB	613791	551936	13.98%	1.048%
22	9.810	1310	1313	1317	rBV	196878	176519	4.47%	0.335%
23	9.875	1319	1324	1327	rVV	74583	58664	1.49%	0.111%
24	9.951	1328	1337	1341	rVV	1359391	1243128	31.48%	2.360%
25	10.151	1366	1371	1375	rVV2	84604	101135	2.56%	0.192%
26	10.263	1386	1390	1393	rBV2	57076	64427	1.63%	0.122%
27	10.357	1401	1406	1407	rBV3	43521	63146	1.60%	0.120%
28	10.375	1407	1409	1411	rVB	123718	89224	2.26%	0.169%
29	10.498	1427	1430	1435	rVB2	102219	117627	2.98%	0.223%
30	10.657	1452	1457	1459	rBV	62086	66349	1.68%	0.126%
31	10.739	1464	1471	1475	rBV	1815891	1857035	47.03%	3.525%
32	10.845	1486	1489	1490	rBV	110510	85988	2.18%	0.163%
33	10.863	1490	1492	1498	rVB3	95256	92051	2.33%	0.175%
34	11.045	1513	1523	1526	rBV5	67049	104562	2.65%	0.198%

LSC Area Percent Report

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Acq On : 28 Sep 2017 20:35
Operator : SJ/JU
Sample : I5448-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-TP-106C-(0-5)

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:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.175	1541	1545	1547	rBV2	87575	97952	2.48%	0.186%
36	11.245	1554	1557	1560	rVB2	81899	84331	2.14%	0.160%
37	11.292	1560	1565	1567	rVV2	103491	119611	3.03%	0.227%
38	11.333	1567	1572	1576	rVB	60268	73140	1.85%	0.139%
39	11.439	1586	1590	1592	rBV	1138022	991677	25.12%	1.883%
40	11.463	1592	1594	1598	rVV	835880	679924	17.22%	1.291%
41	11.516	1599	1603	1605	rVV	236136	201566	5.11%	0.383%
42	11.539	1605	1607	1614	rVB3	50486	74986	1.90%	0.142%
43	11.669	1623	1629	1631	rBV2	64670	93254	2.36%	0.177%
44	11.939	1672	1675	1678	rBV	198165	241073	6.11%	0.458%
45	11.969	1678	1680	1683	rVB	313259	239180	6.06%	0.454%
46	12.016	1685	1688	1691	rVB	135821	105143	2.66%	0.200%
47	12.051	1691	1694	1697	rBV	293632	354550	8.98%	0.673%
48	12.075	1697	1698	1702	rVB	163639	94211	2.39%	0.179%
49	12.233	1722	1725	1727	rBV	125344	94000	2.38%	0.178%
50	12.492	1763	1769	1771	rBV	183408	248907	6.30%	0.473%
51	12.527	1771	1775	1777	rVV2	101140	141979	3.60%	0.270%
52	12.575	1780	1783	1789	rVB2	174907	192821	4.88%	0.366%
53	12.657	1793	1797	1800	rBV	1719360	1439703	36.46%	2.733%
54	12.698	1800	1804	1806	rBV	196750	161847	4.10%	0.307%
55	12.745	1809	1812	1815	rVB	119941	111787	2.83%	0.212%
56	12.863	1829	1832	1833	rBV	294224	241032	6.10%	0.458%
57	12.886	1833	1836	1839	rVV	1518399	1339884	33.94%	2.544%
58	12.933	1841	1844	1848	rVB2	120739	147223	3.73%	0.279%
59	13.027	1848	1860	1866	rBV	2517569	2685210	68.01%	5.097%
60	13.104	1867	1873	1876	rBV2	168418	292993	7.42%	0.556%
61	13.186	1883	1887	1889	rBV4	138026	191045	4.84%	0.363%
62	13.210	1889	1891	1894	rVB	268420	220749	5.59%	0.419%
63	13.274	1899	1902	1905	rVV	139074	119961	3.04%	0.228%
64	13.316	1905	1909	1912	rVV2	265825	291878	7.39%	0.554%
65	13.369	1916	1918	1921	rBV2	53992	54701	1.39%	0.104%
66	13.404	1921	1924	1927	rVB	113900	106962	2.71%	0.203%
67	13.439	1927	1930	1936	rBV2	130709	146827	3.72%	0.279%
68	13.586	1951	1955	1957	rBV4	53694	81424	2.06%	0.155%
69	13.716	1974	1977	1981	rVB	203144	198932	5.04%	0.378%
70	13.827	1992	1996	1999	rBV3	137519	197080	4.99%	0.374%
71	13.857	1999	2001	2003	rVB	158570	113334	2.87%	0.215%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I5448-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-TP-106C-(0-5)

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:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.880	2003	2005	2007	rBV	89479	93094	2.36%	0.177%
73	13.910	2007	2010	2011	rBV3	107228	98706	2.50%	0.187%
74	14.074	2034	2038	2042	rBV2	1227249	1826190	46.25%	3.467%
75	14.110	2042	2044	2050	rVB	887516	745698	18.89%	1.416%
76	14.227	2061	2064	2068	rBV3	76633	100422	2.54%	0.191%
77	14.304	2073	2077	2080	rBV3	84887	132886	3.37%	0.252%
78	14.333	2080	2082	2085	rVB3	75020	65884	1.67%	0.125%
79	14.469	2100	2105	2108	rVV	257610	284110	7.20%	0.539%
80	14.498	2108	2110	2114	rVB	143380	128120	3.24%	0.243%
81	14.533	2114	2116	2118	rBV3	66261	76673	1.94%	0.146%
82	14.592	2123	2126	2128	rVV	136574	128117	3.24%	0.243%
83	14.616	2128	2130	2134	rVB2	89844	85320	2.16%	0.162%
84	14.833	2164	2167	2169	rBV2	96953	89702	2.27%	0.170%
85	15.139	2214	2219	2222	rBV	733445	1236598	31.32%	2.348%
86	15.192	2226	2228	2234	rVV2	109861	143914	3.64%	0.273%
87	15.245	2234	2237	2241	rVV	193758	201128	5.09%	0.382%
88	15.339	2250	2253	2254	rBV2	54307	63071	1.60%	0.120%
89	15.451	2268	2272	2277	rVB	427102	579489	14.68%	1.100%
90	15.515	2278	2283	2288	rVB	720273	881272	22.32%	1.673%
91	15.580	2289	2294	2297	rBV2	733788	996816	25.25%	1.892%
92	15.610	2297	2299	2305	rVB2	200847	258558	6.55%	0.491%
93	16.033	2366	2371	2375	rBV2	226232	329727	8.35%	0.626%
94	16.557	2455	2460	2467	rVB	254691	447662	11.34%	0.850%
95	17.086	2544	2550	2557	rVV2	266108	527624	13.36%	1.002%
96	17.168	2558	2564	2574	rVB	234290	489140	12.39%	0.929%
97	17.333	2588	2592	2598	rBV3	57245	128028	3.24%	0.243%
98	17.545	2623	2628	2638	rVB	155478	311341	7.89%	0.591%
99	17.892	2681	2687	2696	rVB2	151414	356494	9.03%	0.677%
100	18.756	2826	2834	2844	rBV4	98925	296988	7.52%	0.564%

Sum of corrected areas: 52677178

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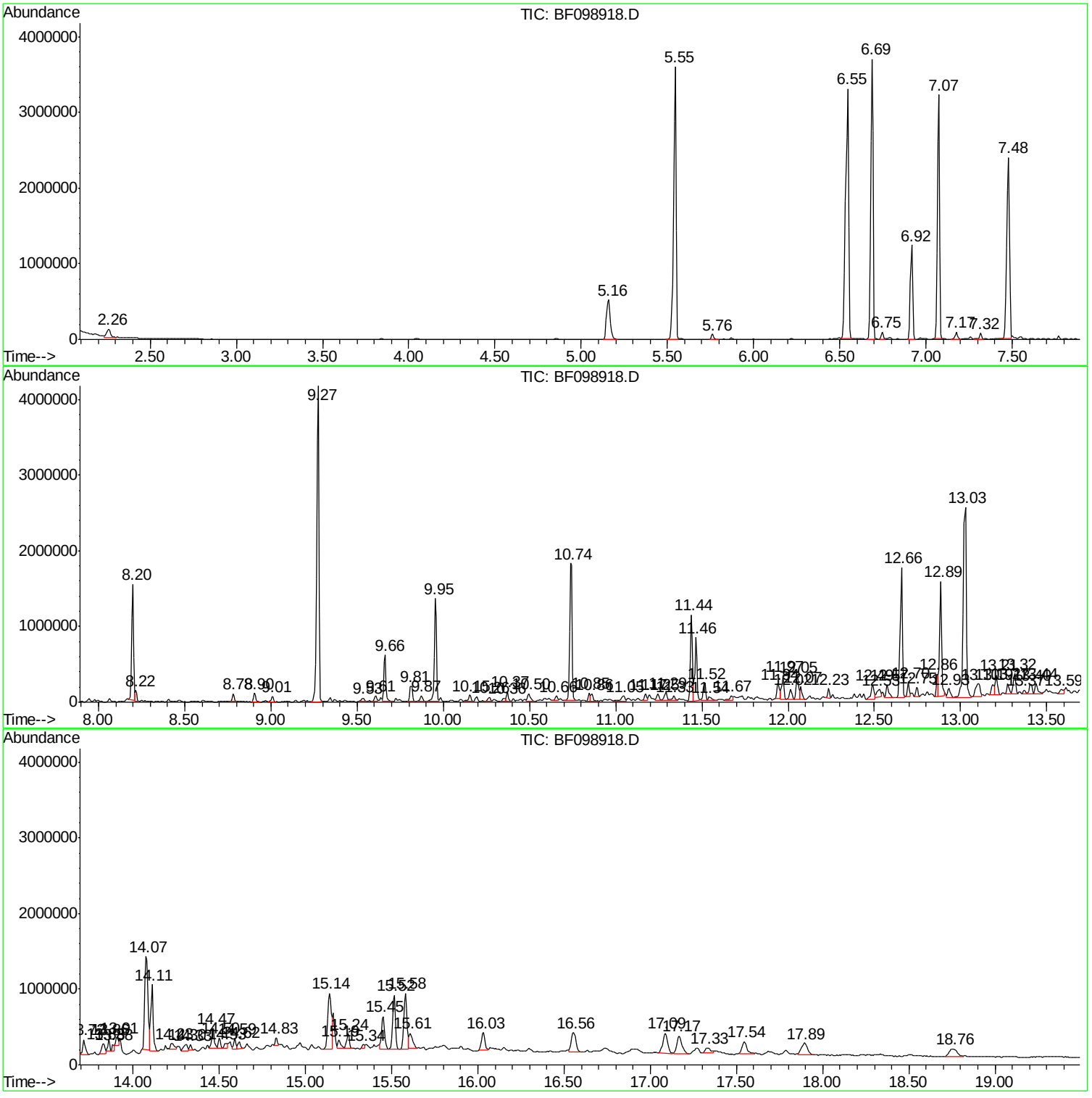
Data File : BF098918.D
Acq On : 28 Sep 2017 20:35
Operator : SJ/JU
Sample : I5448-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106C-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Sample : I5448-01
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Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106C-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

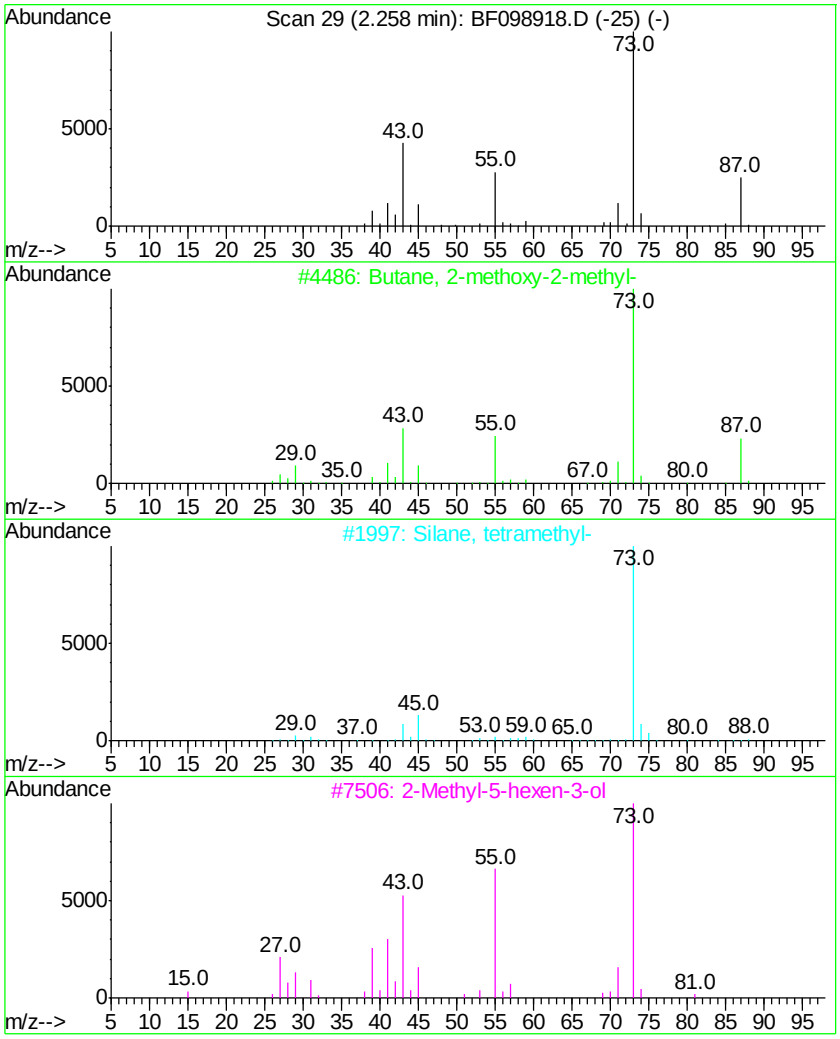
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

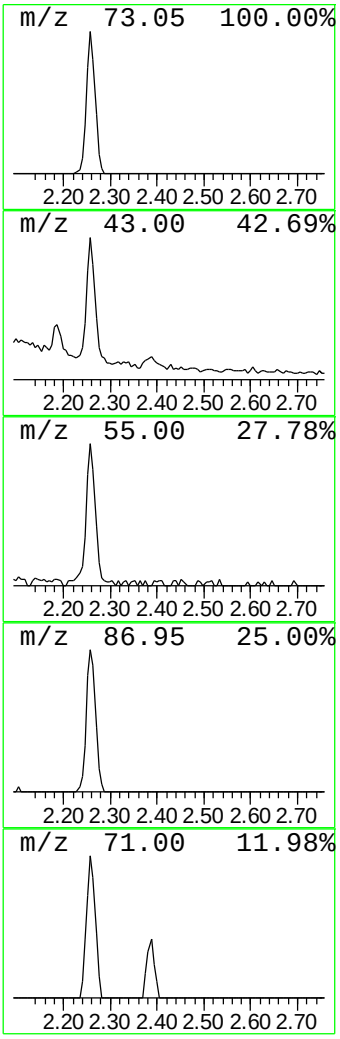
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.26	3.10 ng	153611	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	37
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098918.D
Acq On : 28 Sep 2017 20:35
Operator : SJ/JU
Sample : I5448-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-TP-106C-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

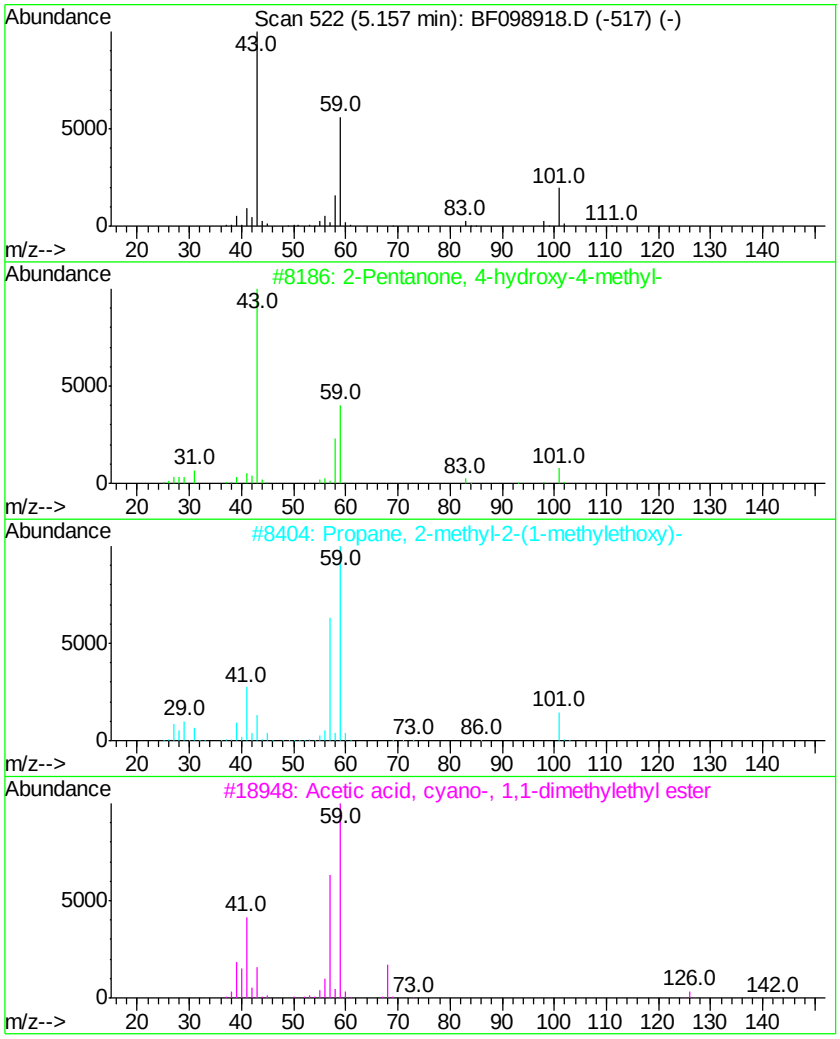
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

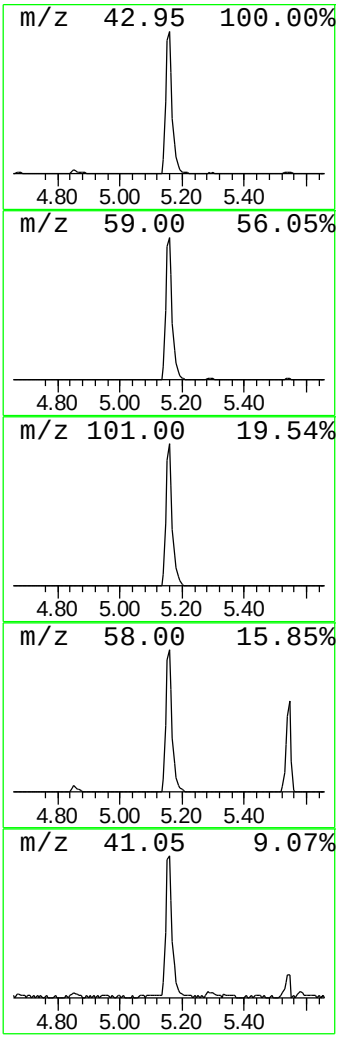
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	15.14 ng	749267	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	23
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	9





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Sample : I5448-01
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Instrument : BNA_F
ClientSampleId : SASP2P-TP-106C-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

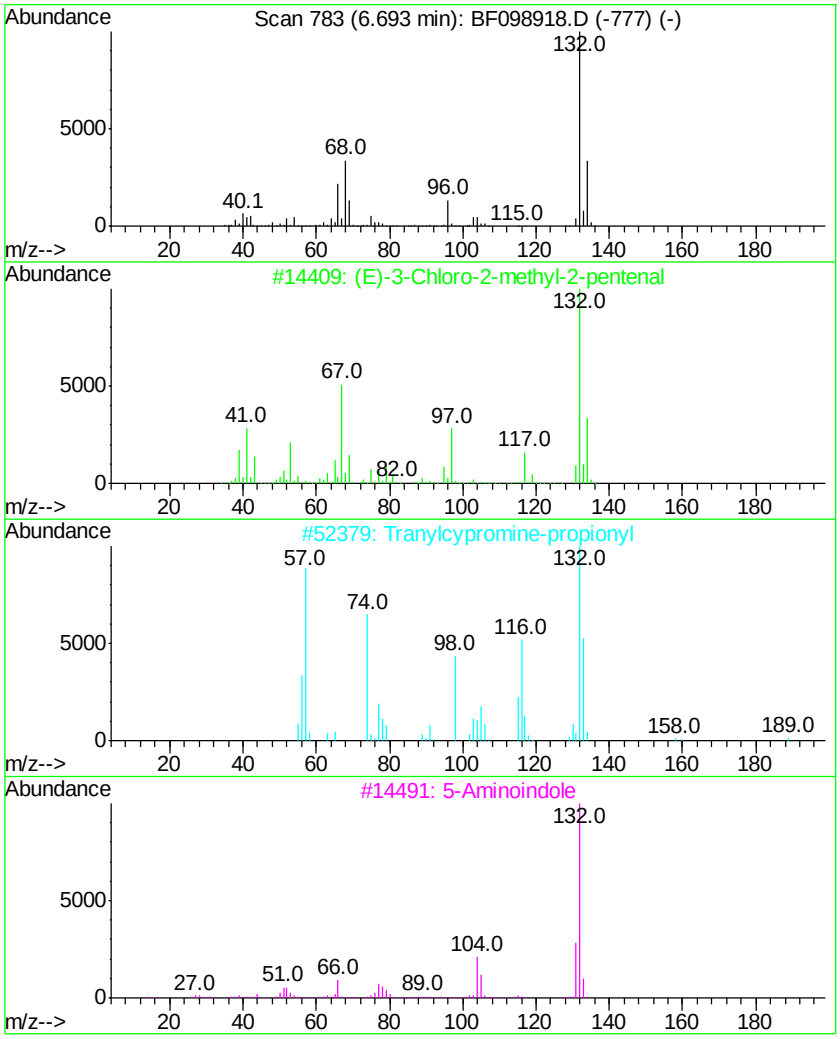
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

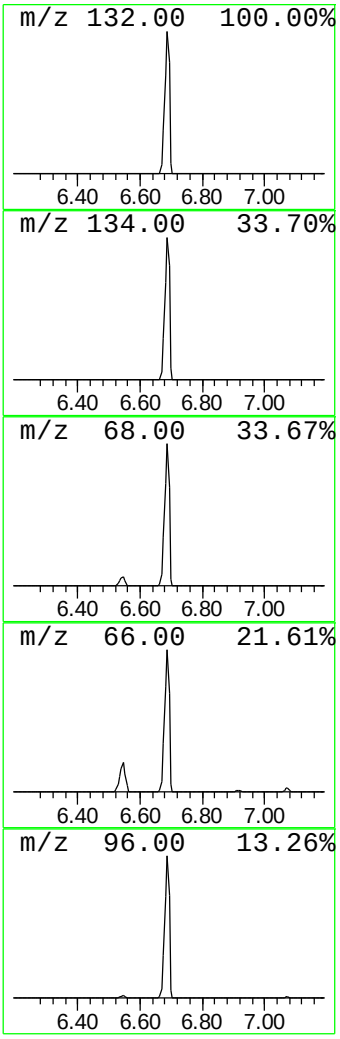
****

Peak Number 3 (E)-3-Chloro-2-methyl-2-pen... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	76.98 ng	3810130	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098918.D
Acq On : 28 Sep 2017 20:35
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Sample : I5448-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-TP-106C-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

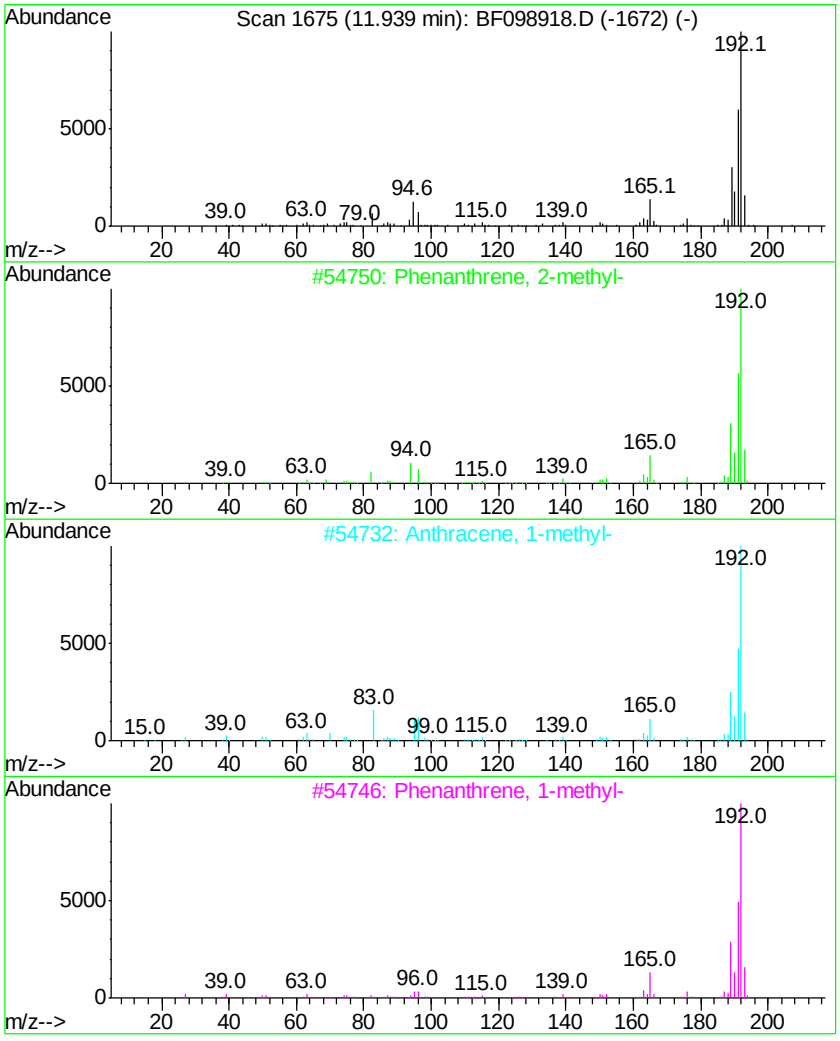
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

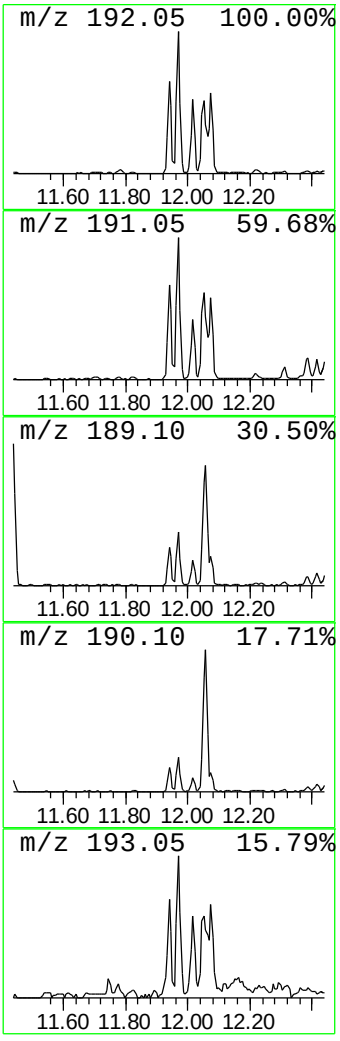
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	4.86 ng	241073	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098918.D
Acq On : 28 Sep 2017 20:35
Operator : SJ/JU
Sample : I5448-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-TP-106C-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

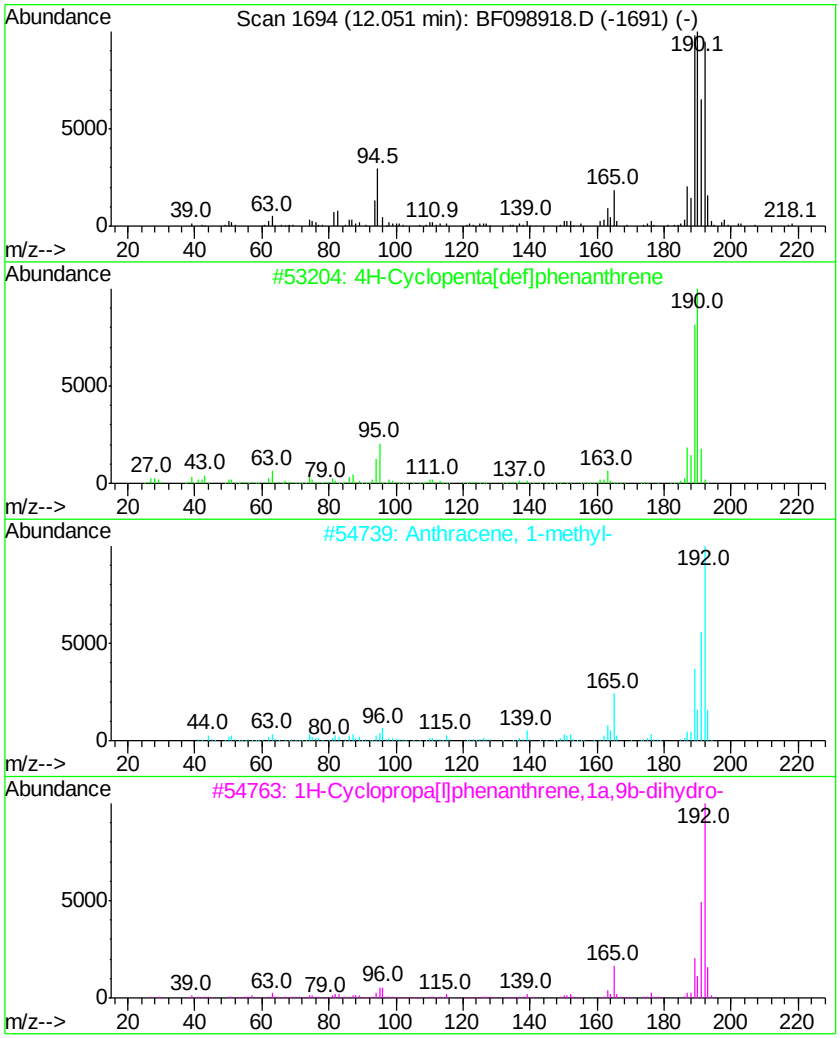
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

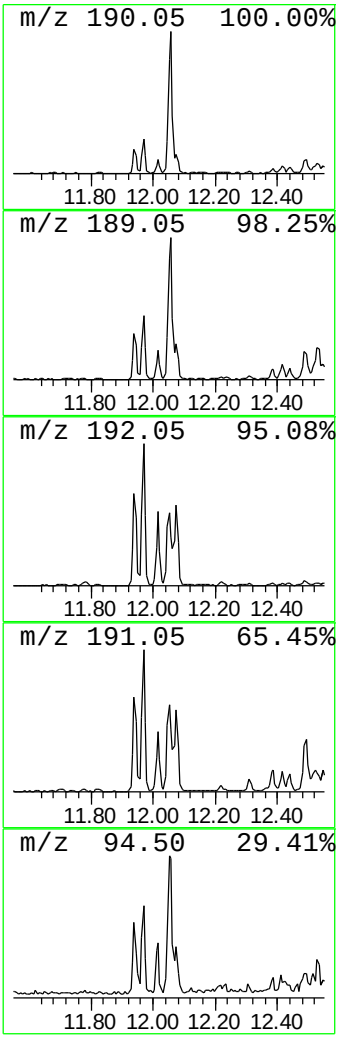
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	7.15 ng	354550	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	47
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	42
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38





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Data File : BF098918.D
Acq On : 28 Sep 2017 20:35
Operator : SJ/JU
Sample : I5448-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-TP-106C-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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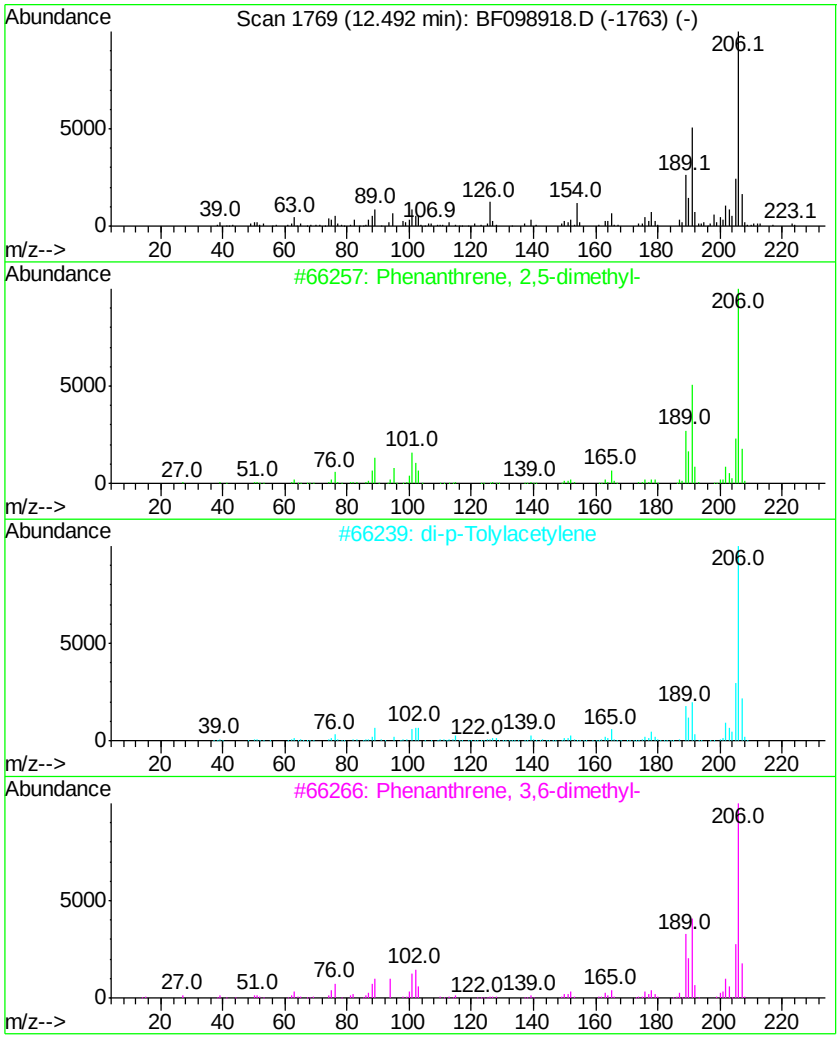
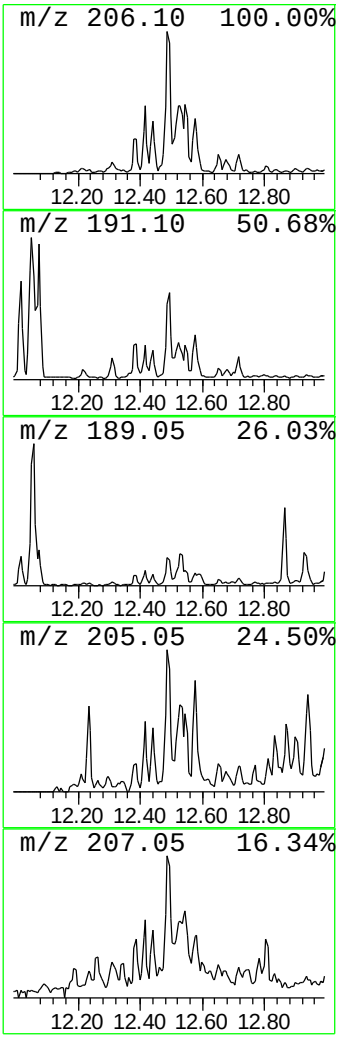
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	5.02 ng	248907	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





Library Search Compound Report

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Operator : SJ/JU
Sample : I5448-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-TP-106C-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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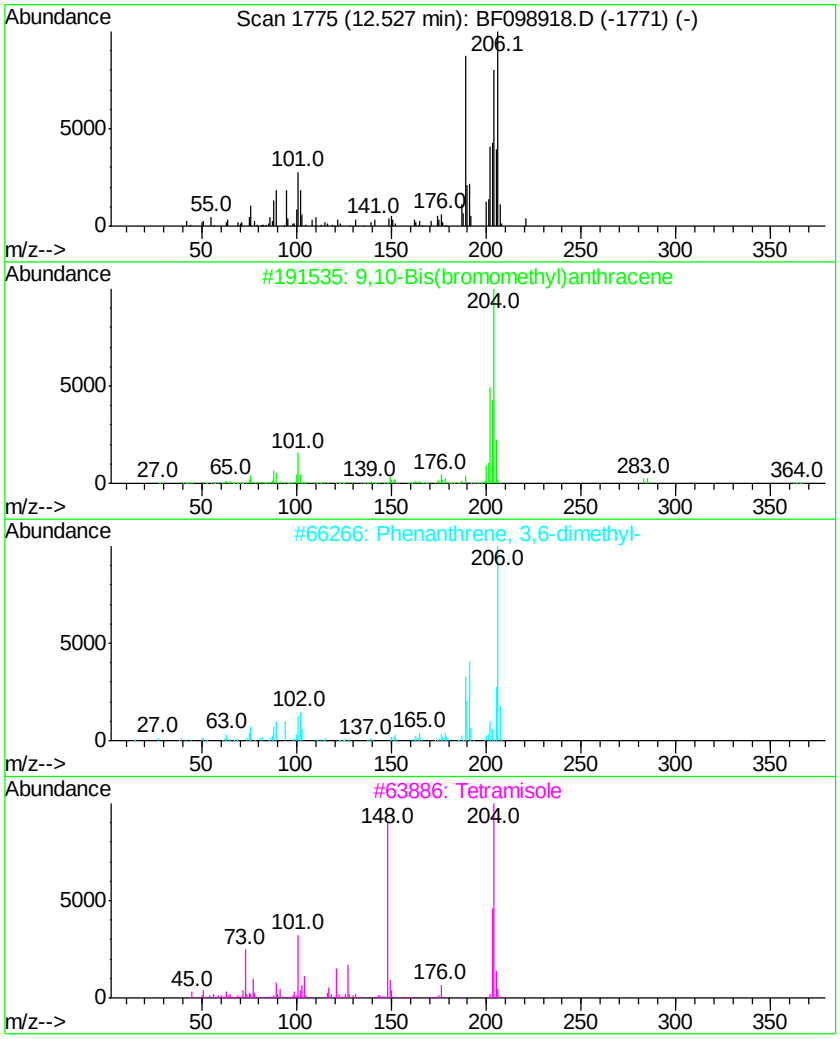
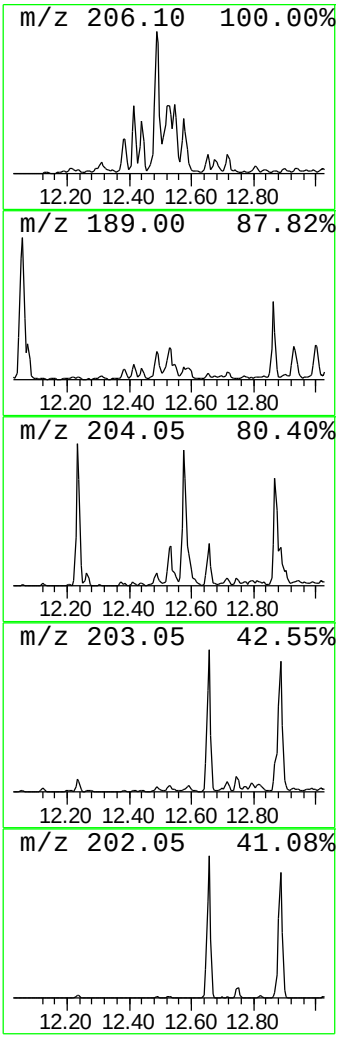
Peak Number 9 unknown12.53 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	2.86 ng	141979	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	30
3	Tetramisole	204	C11H12N2S	005036-02-2	22
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	22
5	Levamisole	204	C11H12N2S	014769-73-4	22





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Operator : SJ/JU
Sample : I5448-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-TP-106C-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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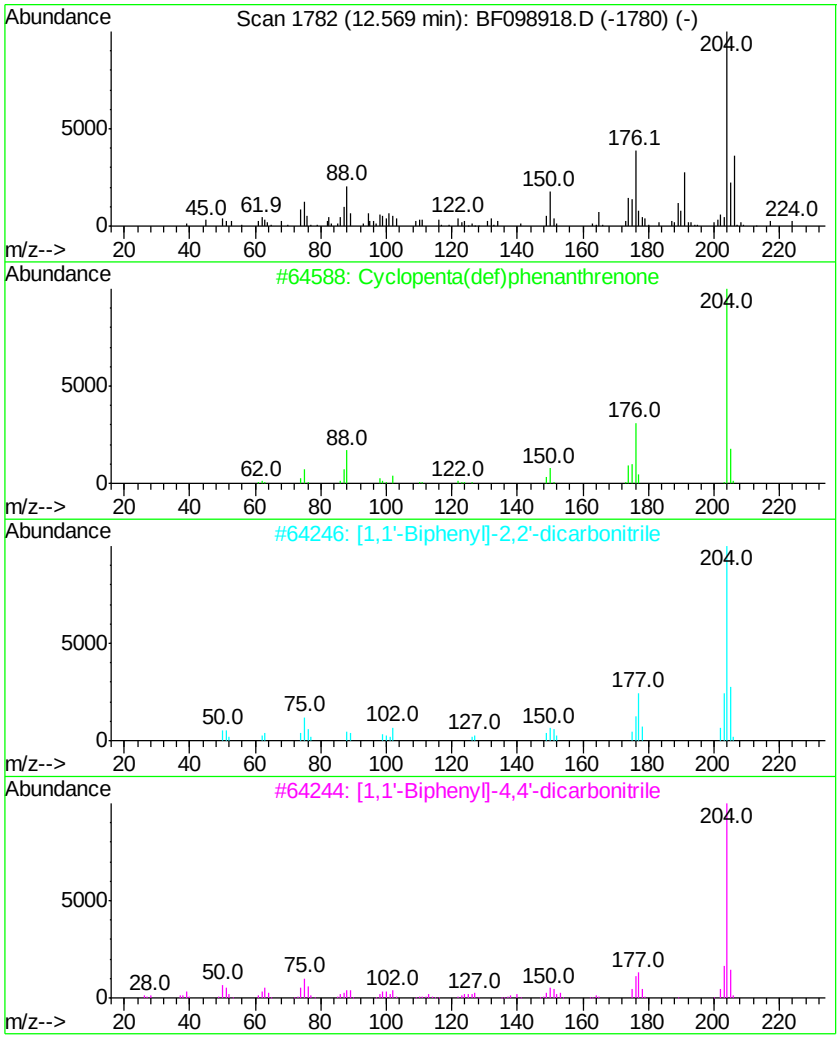
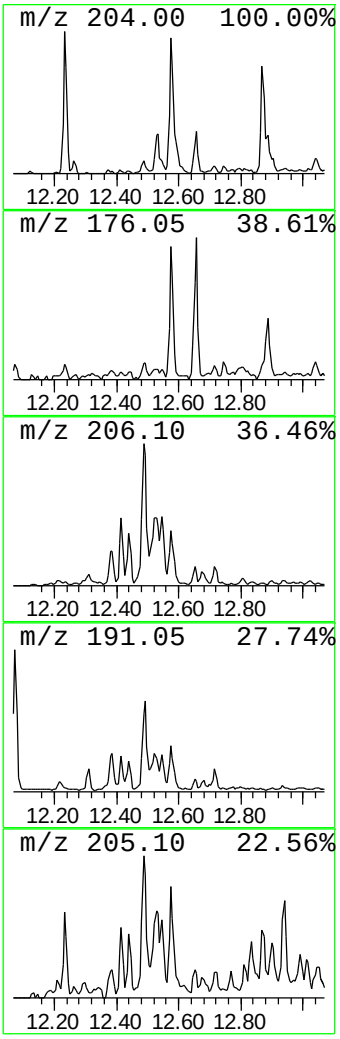
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	3.89 ng	192821	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	46
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	41





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Operator : SJ/JU
Sample : I5448-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-TP-106C-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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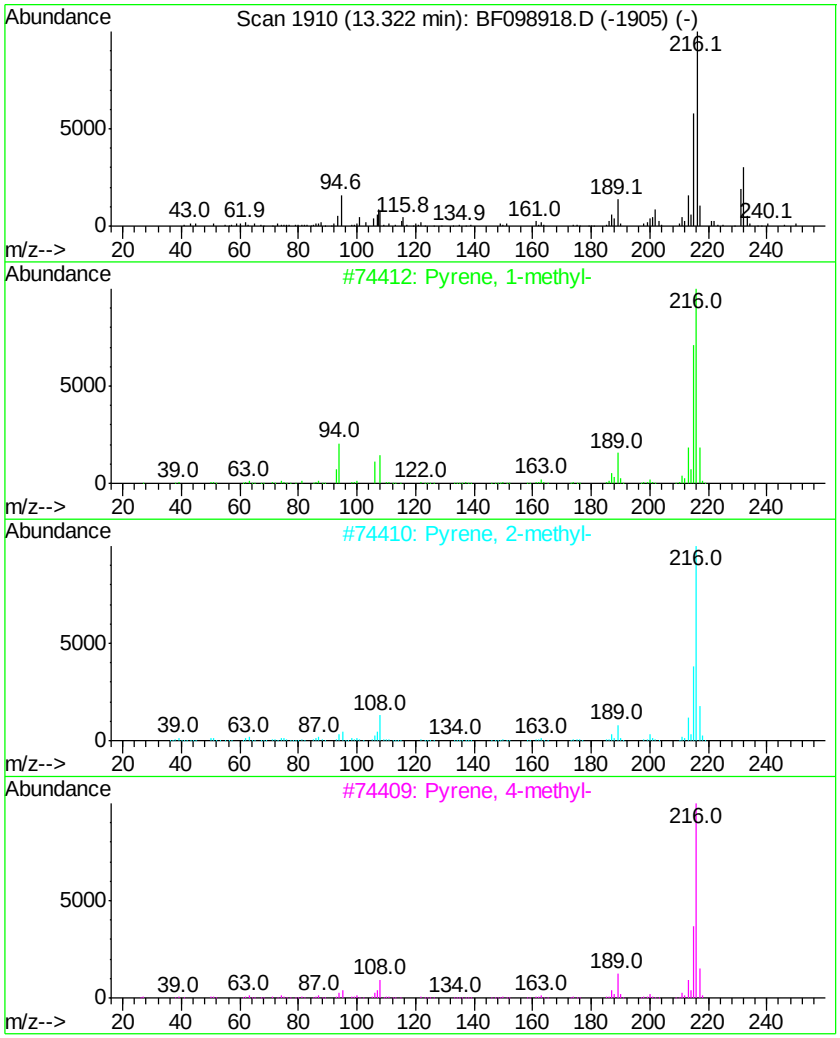
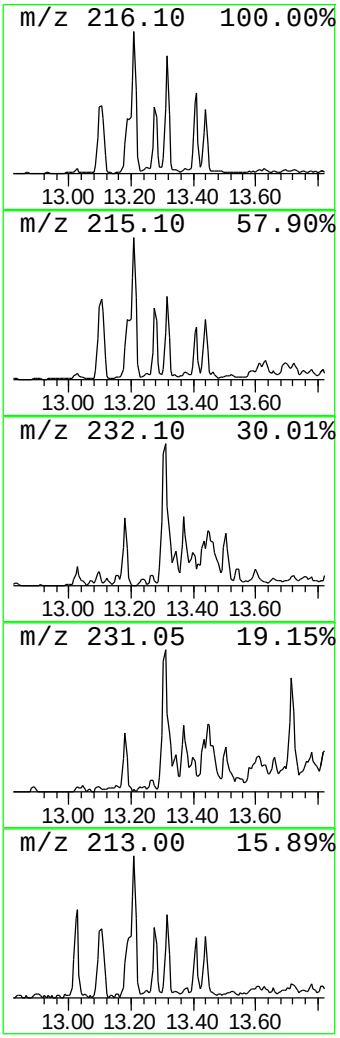
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	3.20 ng	291878	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Operator : SJ/JU
Sample : I5448-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-TP-106C-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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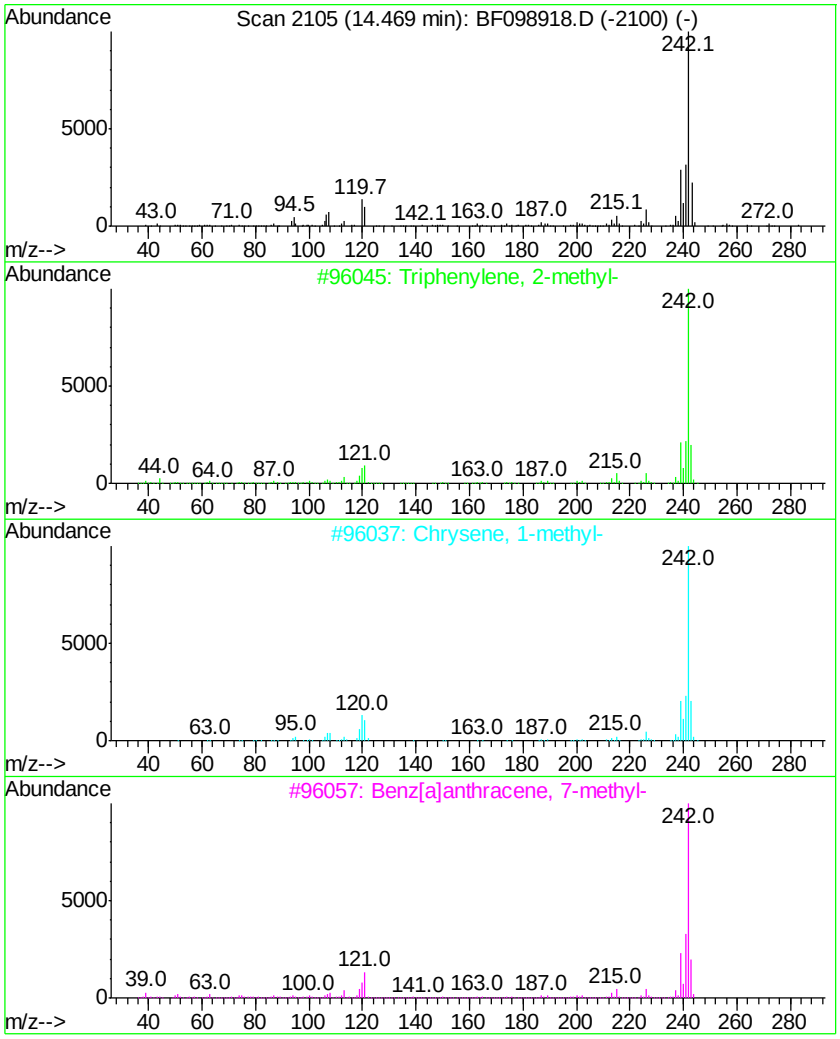
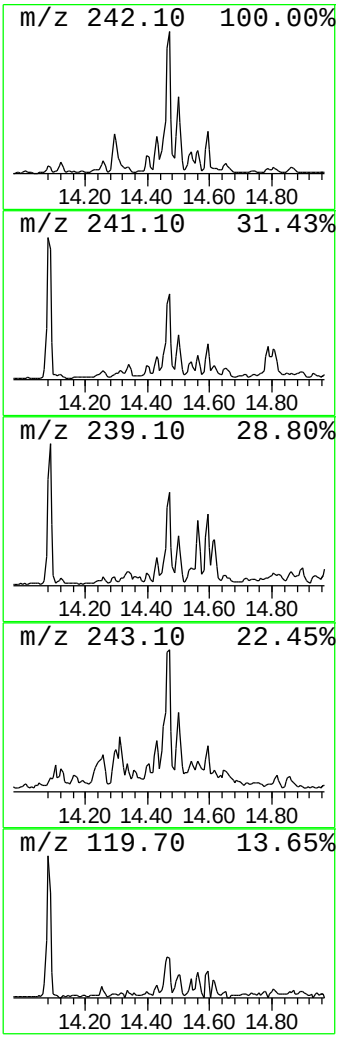
Peak Number 13 Triphenylene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	3.11 ng	284110	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	97
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	95
5	Chrysene, 3-methyl-	242	C19H14	003351-31-3	94





Library Search Compound Report

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Operator : SJ/JU
Sample : I5448-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-TP-106C-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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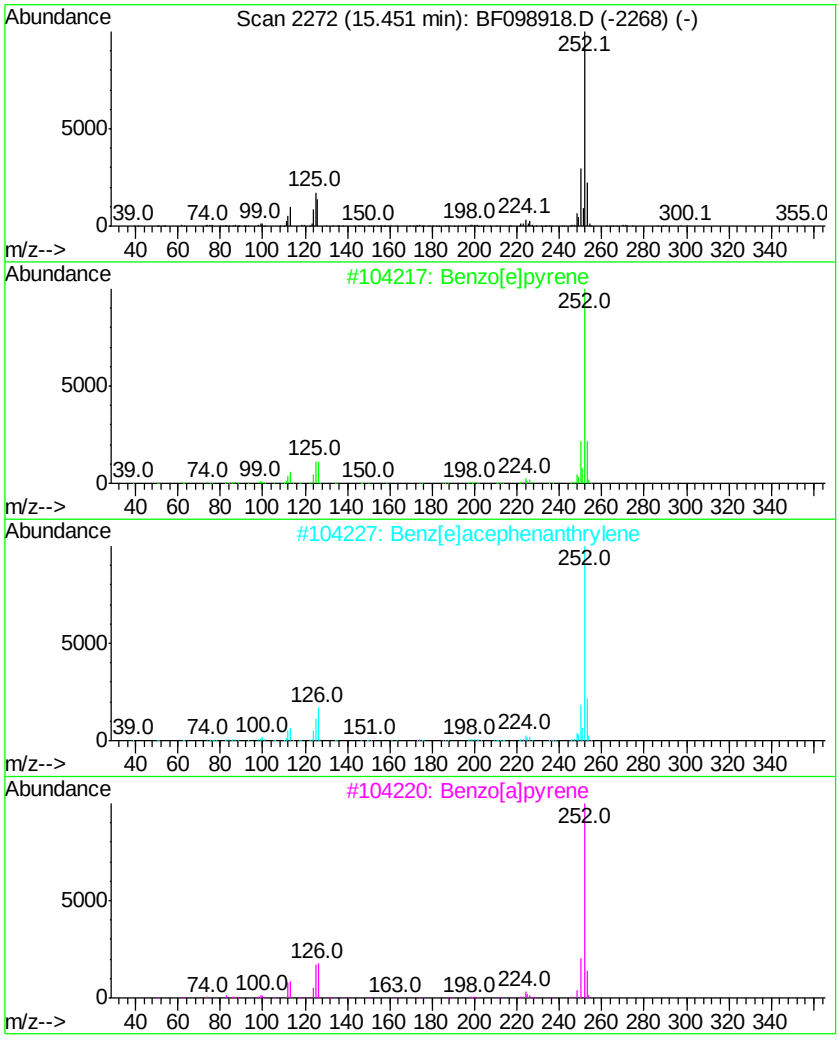
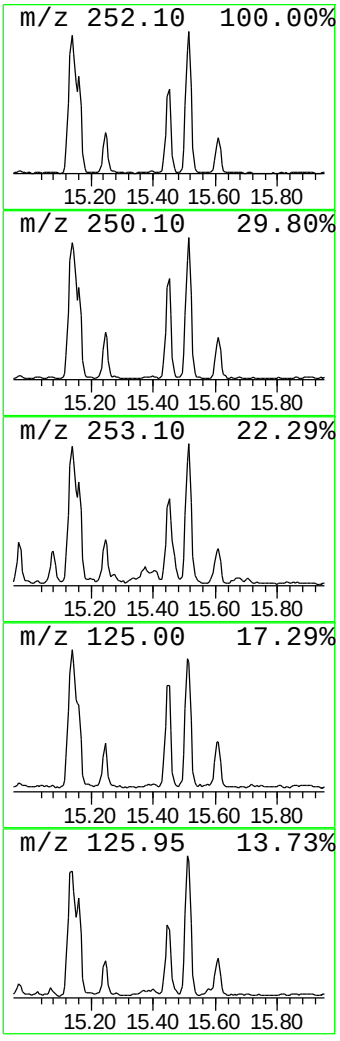
Peak Number 15 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	11.63 ng	579489	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	92
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	83





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Sample : I5448-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-TP-106C-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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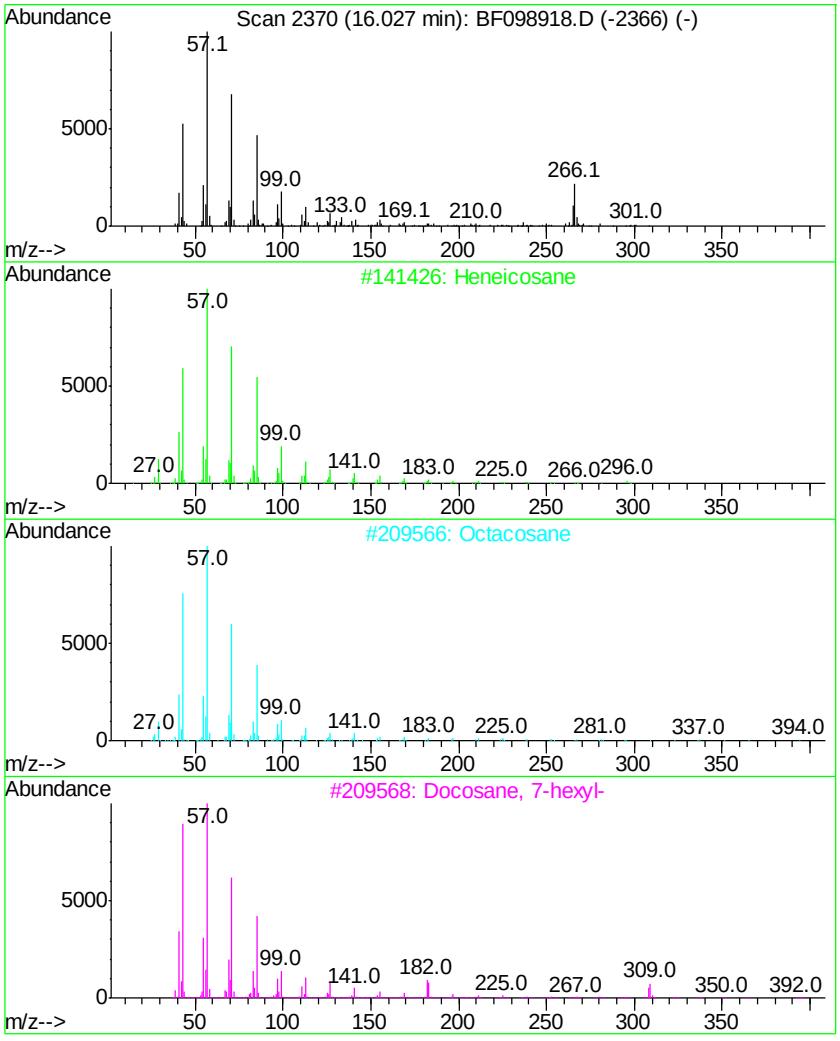
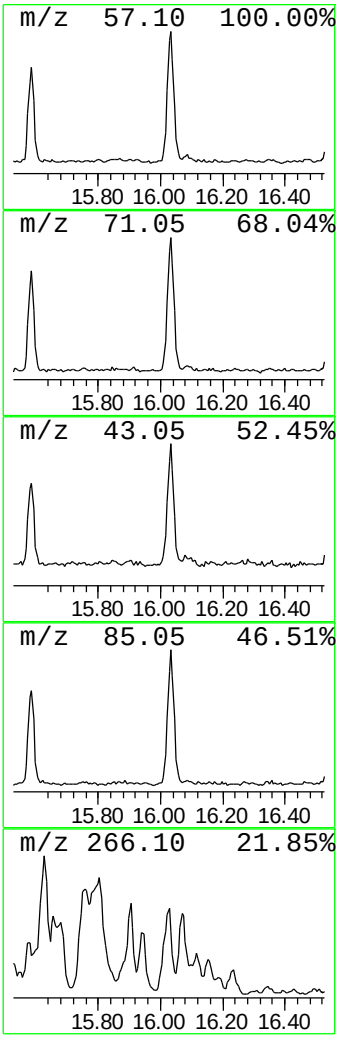
Peak Number 16 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	6.62 ng	329727	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Octacosane	394	C28H58	000630-02-4	83
3	Docosane, 7-hexyl-	394	C28H58	055373-86-9	80
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	74
5	Pentacosane	352	C25H52	000629-99-2	74





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Sample : I5448-01
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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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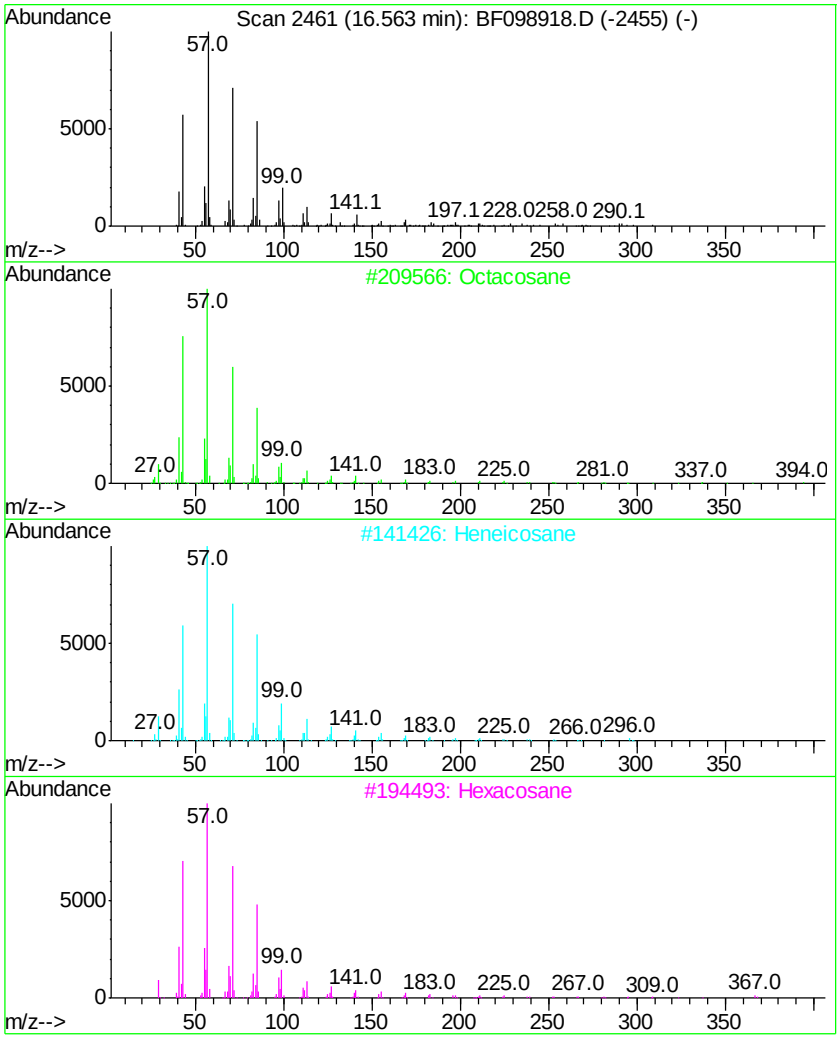
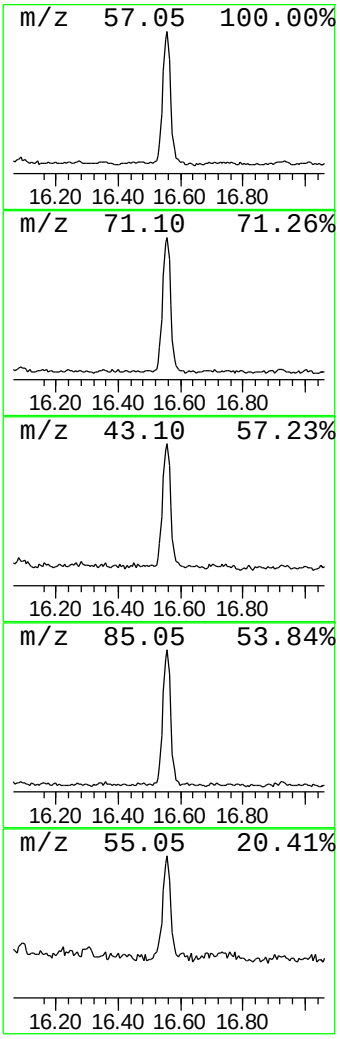
Peak Number 17 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	8.98 ng	447662	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





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Operator : SJ/JU
Sample : I5448-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-TP-106C-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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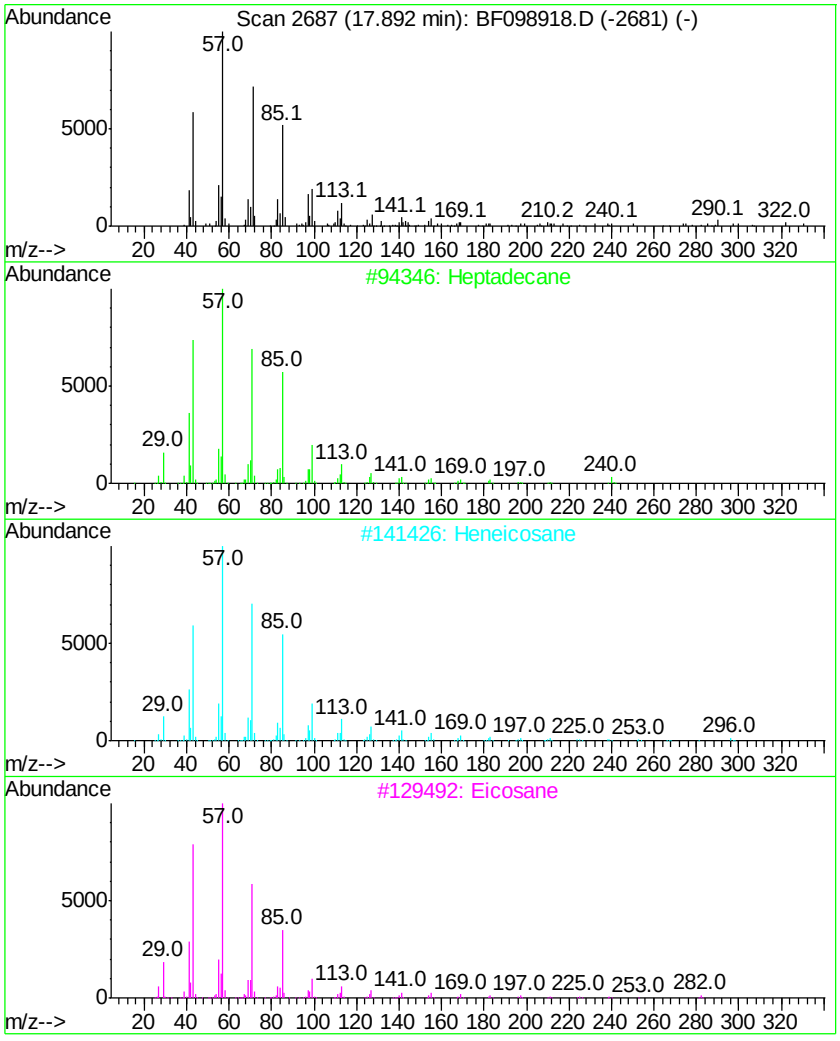
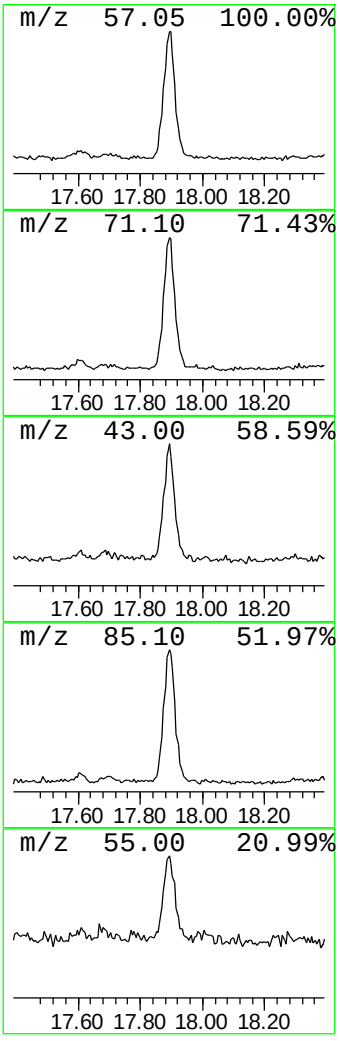
Peak Number 19 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	7.15 ng	356494	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Heneicosane	296	C21H44	000629-94-7	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Hexacosane	366	C26H54	000630-01-3	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





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Sample : I5448-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-TP-106C-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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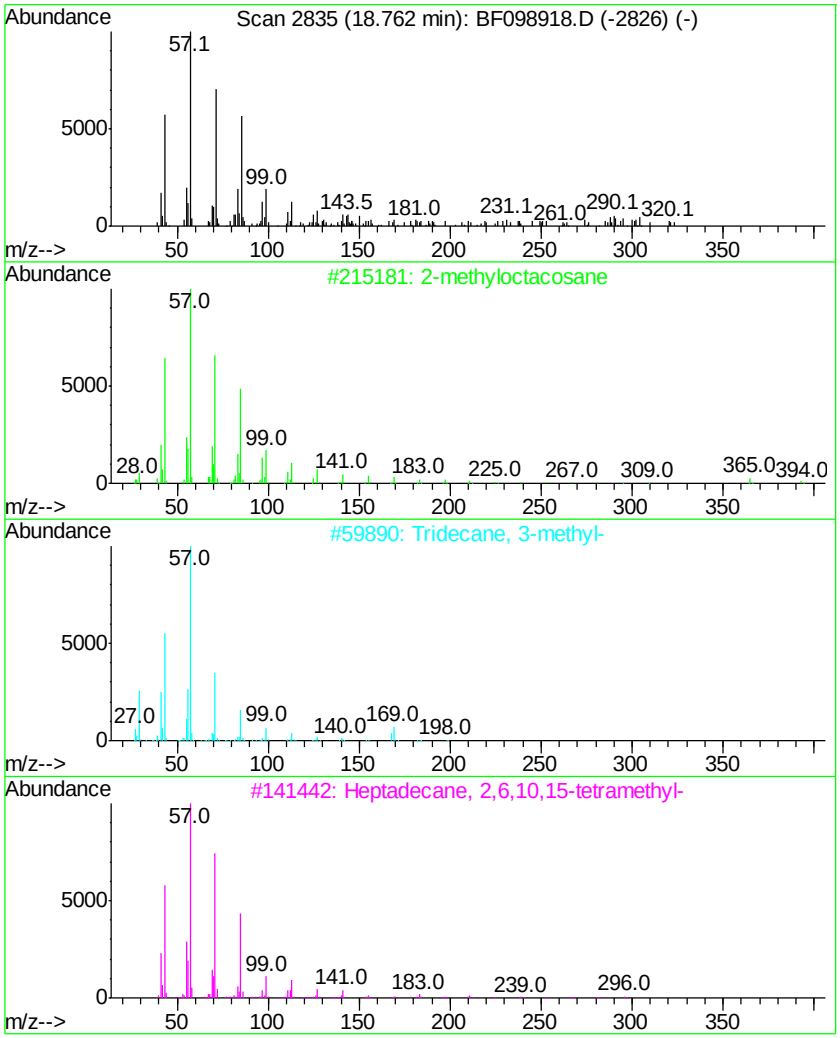
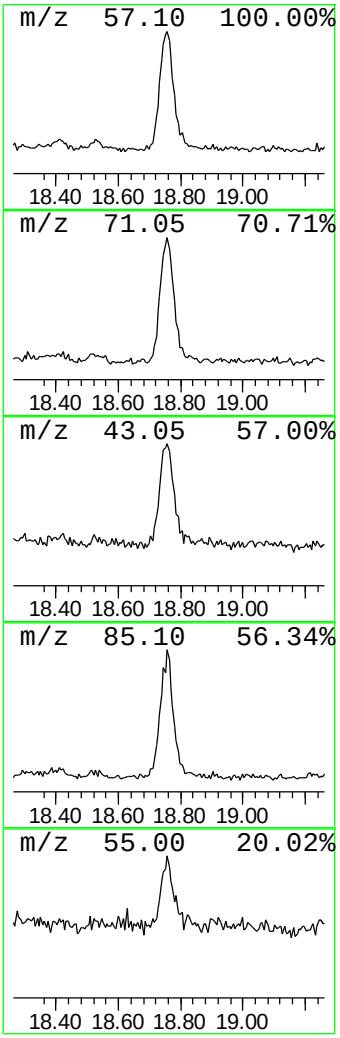
Peak Number 20 2-methyloctacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	5.96 ng	296988	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	80
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	58
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092817\
Data File : BF098918.D
Acq On : 28 Sep 2017 20:35
Operator : SJ/JU
Sample : I5448-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-TP-106C-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.26	3.1	ng	153611	1	6.92	989874	20.0
2-Pentanone, 4-hy...	5.16	15.1	ng	749267	1	6.92	989874	20.0
(E)-3-Chloro-2-me...	6.69	77.0	ng	3810130	1	6.92	989874	20.0
Phenanthrene, 2-m...	11.94	4.9	ng	241073	4	11.44	991677	20.0
4H-Cyclopenta[def...	12.05	7.2	ng	354550	4	11.44	991677	20.0
Phenanthrene, 2,5...	12.49	5.0	ng	248907	4	11.44	991677	20.0
unknown12.53	12.53	2.9	ng	141979	4	11.44	991677	20.0
Cyclopenta(def)ph...	12.57	3.9	ng	192821	4	11.44	991677	20.0
Pyrene, 1-methyl-	13.32	3.2	ng	291878	5	14.08	1826190	20.0
Triphenylene, 2-m...	14.47	3.1	ng	284110	5	14.08	1826190	20.0
Benzo[e]pyrene	15.45	11.6	ng	579489	6	15.58	996816	20.0
Heneicosane	16.03	6.6	ng	329727	6	15.58	996816	20.0
Octacosane	16.56	9.0	ng	447662	6	15.58	996816	20.0
Heptadecane	17.89	7.2	ng	356494	6	15.58	996816	20.0
2-methyloctacosane	18.76	6.0	ng	296988	6	15.58	996816	20.0