LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081633.D
Acq On : 15 Sep 2015 17:15
Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-15(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-BF090115.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	1.451	9	10	16	rVV	6326	15834	1.29%	0.127%
2	1.543	16	18	55	rVB	348935	1227915	100.00%	9.835%
3	4.446	270	272	286	rBV	52470	117957	9.61%	0.945%
4	5.360	349	352	366	rBV	80182	189891	15.46%	1.521%
5	7.623	548	550	556	rBV	94608	193993	15.80%	1.554%
6	7.726	556	559	566	rVB	114445	225793	18.39%	1.809%
7	8.206	598	601	607	rBB	196994	307837	25.07%	2.466%
8	8.526	626	629	636	rBB	90884	154710	12.60%	1.239%
9	9.498	711	714	725	rBB	77274	131750	10.73%	1.055%
10	11.109	851	855	858	rBV	260106	399510	32.54%	3.200%
11	11.155	858	859	863	rVB	11981	15791	1.29%	0.126%
12	11.349	873	876	880	rVB	24575	38555	3.14%	0.309%
13	12.401	963	968	971	rBV	16141	33993	2.77%	0.272%
14	12.812	999	1004	1008	rBV	46289	86826	7.07%	0.695%
15	13.029	1020	1023	1028	rVB2	9530	17549	1.43%	0.141%
16	13.441	1054	1059	1062	rBV2	6258	15501	1.26%	0.124%
17	13.681	1076	1080	1083	rBV	8721	17263	1.41%	0.138%
18	13.750	1083	1086	1090	rBV	149675	227117	18.50%	1.819%
19	13.830	1090	1093	1095	rBV	18389	31229	2.54%	0.250%
20	14.161	1119	1122	1127	rVB	60123	104415	8.50%	0.836%
21	14.332	1132	1137	1141	rVB4	6892	21712	1.77%	0.174%
22	14.492	1144	1151	1154	rBV2	13167	28479	2.32%	0.228%
23	14.550	1154	1156	1161	rVB2	8934	24198	1.97%	0.194%
24	14.812	1172	1179	1184	rVV2	24850	65993	5.37%	0.529%
25	14.904	1184	1187	1188	rVV	12000	25467	2.07%	0.204%
26	14.938	1188	1190	1192	rVV	32719	51418	4.19%	0.412%
27	15.064	1198	1201	1204	rBV2	11367	22820	1.86%	0.183%
28	15.247	1213	1217	1220	rBV	226538	382420	31.14%	3.063%
29	15.315	1220	1223	1227	rVV	28853	44501	3.62%	0.356%
30	15.441	1230	1234	1239	rVB	74207	118746	9.67%	0.951%
31	16.070	1286	1289	1291	rVV	12537	22278	1.81%	0.178%
32	16.138	1291	1295	1299	rVV2	8572	20582	1.68%	0.165%
33	16.207	1299	1301	1305	rVV2	11023	19482	1.59%	0.156%
34	16.550	1328	1331	1335	rVV	25664	45674	3.72%	0.366%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081633.D
Acq On : 15 Sep 2015 17:15
Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-15(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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.641	1336	1339	1342	rVV	66626	117577	9.58%	0.942%
36	16.710	1342	1345	1347	rVV3	8159	20870	1.70%	0.167%
37	17.144	1379	1383	1385	rBV	65649	128090	10.43%	1.026%
38	17.796	1436	1440	1441	rBV	70522	147713	12.03%	1.183%
39	17.887	1445	1448	1451	rVV3	6939	17185	1.40%	0.138%
40	18.333	1484	1487	1490	rVB	9298	16402	1.34%	0.131%
41	18.493	1499	1501	1504	rVB2	18482	30463	2.48%	0.244%
42	18.756	1520	1524	1526	rBV	208057	377738	30.76%	3.026%
43	18.801	1526	1528	1532	rVV	273653	479861	39.08%	3.844%
44	18.870	1532	1534	1537	rVV	57740	102119	8.32%	0.818%
45	18.927	1537	1539	1546	rVB2	69697	129384	10.54%	1.036%
46	19.407	1578	1581	1584	rBV	11513	19444	1.58%	0.156%
47	19.784	1610	1614	1619	rVV3	6196	16795	1.37%	0.135%
48	19.910	1621	1625	1628	rVV	50096	88773	7.23%	0.711%
49	19.979	1628	1631	1634	rVV	40136	65997	5.37%	0.529%
50	20.047	1634	1637	1642	rVV	40166	75474	6.15%	0.605%
51	20.150	1642	1646	1648	rVV	11531	25381	2.07%	0.203%
52	20.196	1648	1650	1654	rVV2	32270	88275	7.19%	0.707%
53	20.276	1654	1657	1666	rVB	24449	57827	4.71%	0.463%
54	20.504	1671	1677	1678	rBV3	7457	18763	1.53%	0.150%
55	20.722	1693	1696	1701	rVB2	28578	76131	6.20%	0.610%
56	20.847	1704	1707	1711	rBV	48419	83008	6.76%	0.665%
57	20.996	1716	1720	1724	rBV5	7121	20872	1.70%	0.167%
58	21.202	1734	1738	1740	rBV2	23102	48465	3.95%	0.388%
59	21.305	1744	1747	1748	rVV2	11703	18603	1.52%	0.149%
60	21.339	1748	1750	1753	rVV2	8365	16766	1.37%	0.134%
61	21.430	1753	1758	1760	rVB	374312	514914	41.93%	4.124%
62	21.545	1765	1768	1771	rBV	50749	81063	6.60%	0.649%
63	21.773	1785	1788	1792	rBV	417343	569727	46.40%	4.563%
64	21.887	1796	1798	1801	rBV3	14980	21165	1.72%	0.170%
65	22.025	1806	1810	1814	rBV2	67529	99676	8.12%	0.798%
66	22.105	1814	1817	1819	rBV	201166	254996	20.77%	2.042%
67	22.139	1819	1820	1823	rVB	27476	41949	3.42%	0.336%
68	22.288	1828	1833	1836	rBV2	46832	117913	9.60%	0.944%
69	22.379	1840	1841	1843	rBV	29603	38949	3.17%	0.312%
70	22.425	1843	1845	1846	rBV	32749	43290	3.53%	0.347%
71	22.539	1852	1855	1856	rBV2	24545	22842	1.86%	0.183%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081633.D
Acq On : 15 Sep 2015 17:15
Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-15(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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	22.573	1856	1858	1860	rVB	94138	96368	7.85%	0.772%
73	22.802	1875	1878	1880	rBV	161656	184615	15.03%	1.479%
74	22.859	1880	1883	1885	rVB	15438	28297	2.30%	0.227%
75	22.939	1887	1890	1893	rVV2	37392	97188	7.91%	0.778%
76	22.985	1893	1894	1896	rVB	71603	71510	5.82%	0.573%
77	23.076	1900	1902	1904	rBV2	36560	48024	3.91%	0.385%
78	23.122	1904	1906	1908	rVB2	36165	69544	5.66%	0.557%
79	23.168	1908	1910	1912	rBV2	28867	32558	2.65%	0.261%
80	23.213	1912	1914	1917	rBV	40458	52573	4.28%	0.421%
81	23.373	1924	1928	1930	rBV3	357278	669621	54.53%	5.363%
82	23.442	1933	1934	1937	rVV2	23600	30962	2.52%	0.248%
83	23.488	1937	1938	1941	rVV	96561	97867	7.97%	0.784%
84	23.659	1951	1953	1956	rVB2	52387	100231	8.16%	0.803%
85	23.716	1956	1958	1961	rVB2	82201	120230	9.79%	0.963%
86	23.796	1962	1965	1966	rBV2	34317	64284	5.24%	0.515%
87	23.831	1966	1968	1969	rVV	42027	59837	4.87%	0.479%
88	23.865	1969	1971	1975	rVB2	49598	104423	8.50%	0.836%
89	24.036	1984	1986	1990	rVB2	73897	84604	6.89%	0.678%
90	24.345	2011	2013	2015	rBV	75346	70991	5.78%	0.569%
91	24.482	2022	2025	2028	rBV	220319	408074	33.23%	3.269%
92	24.642	2036	2039	2040	rBV	82766	148161	12.07%	1.187%
93	24.722	2044	2046	2048	rVV	198329	258290	21.03%	2.069%
94	24.768	2048	2050	2052	rVV	179867	242362	19.74%	1.941%
95	24.813	2052	2054	2058	rVB2	218933	358549	29.20%	2.872%
96	25.225	2088	2090	2094	rVB	57447	79179	6.45%	0.634%
97	25.568	2118	2120	2122	rBV	34669	56722	4.62%	0.454%
98	25.614	2122	2124	2133	rVB7	37440	87074	7.09%	0.697%
99	25.865	2144	2146	2151	rVB	66763	113406	9.24%	0.908%
100	26.174	2170	2173	2178	rBV	54359	107680	8.77%	0.862%

Sum of corrected areas: 12484883

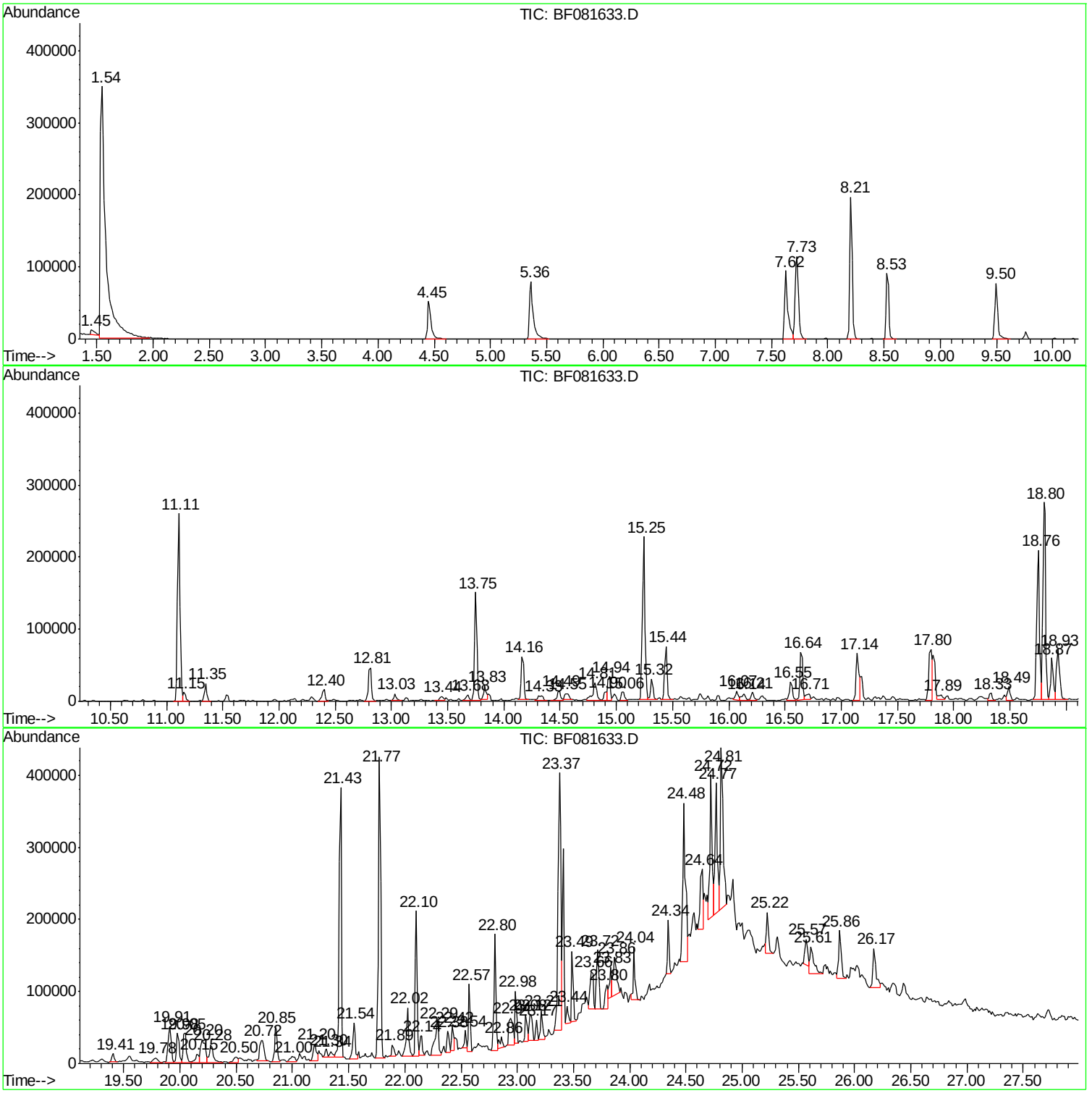
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081633.D
Acq On : 15 Sep 2015 17:15
Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-15(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081633.D
Acq On : 15 Sep 2015 17:15
Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-15(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

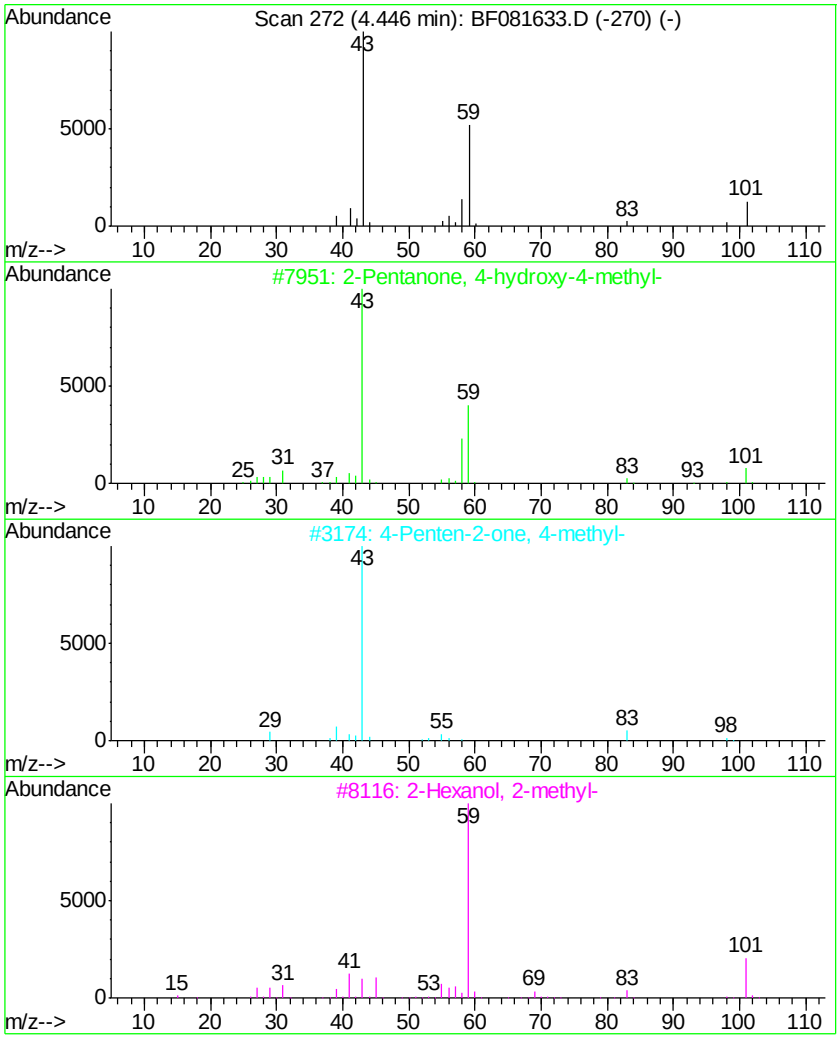
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

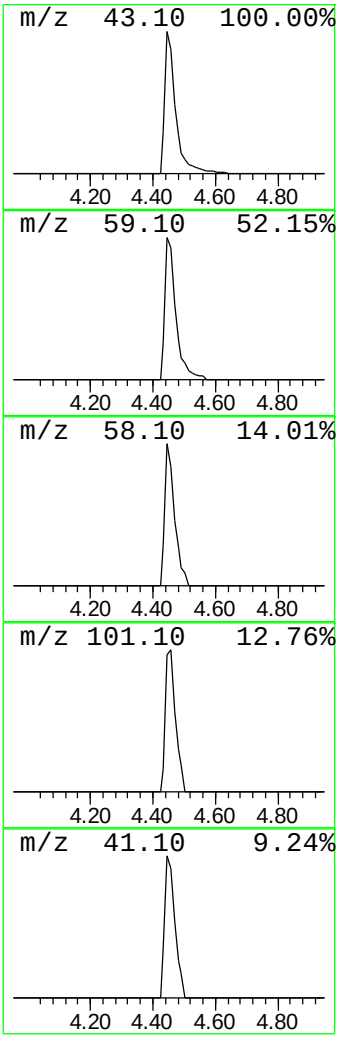
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	7.66 ng	117957	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081633.D
Acq On : 15 Sep 2015 17:15
Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-15(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

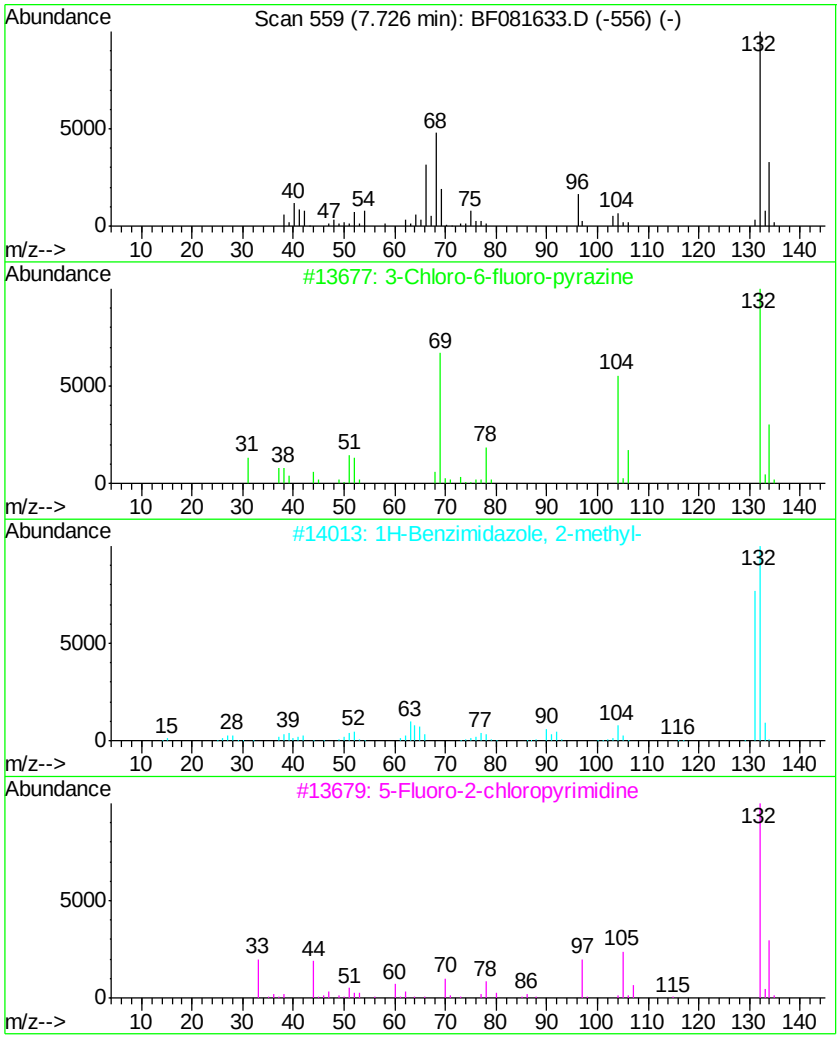
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

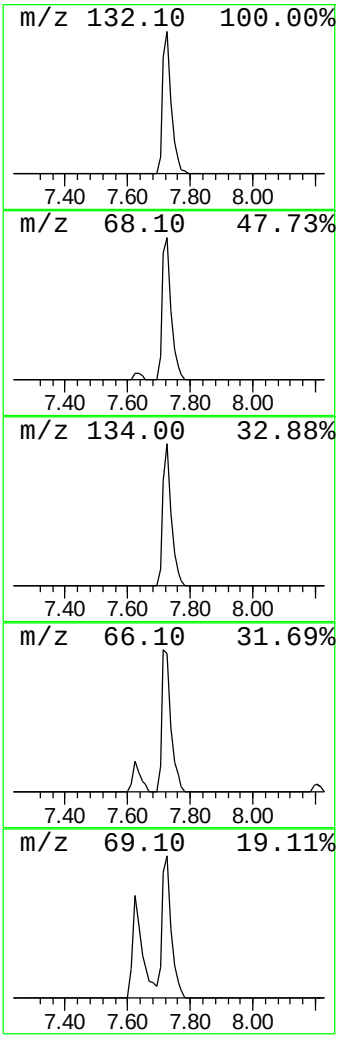
****

Peak Number 3 unknown7.73 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	14.67 ng	225793	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	10
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081633.D
Acq On : 15 Sep 2015 17:15
Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-15(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

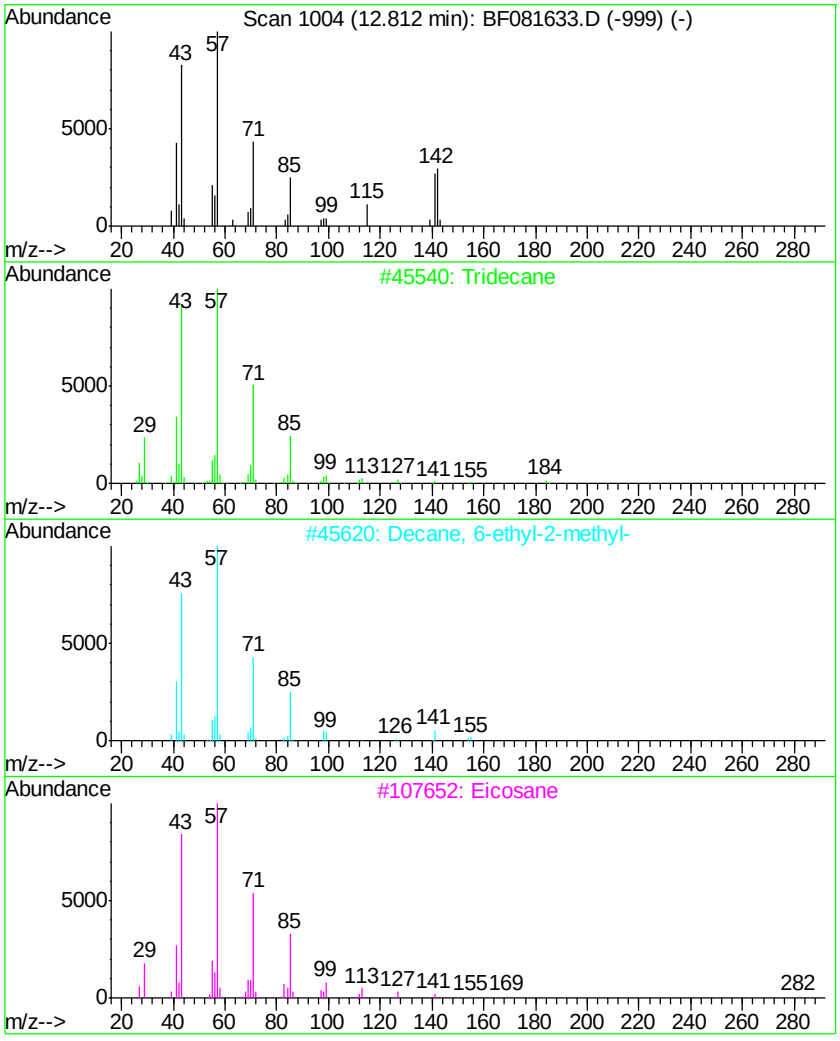
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

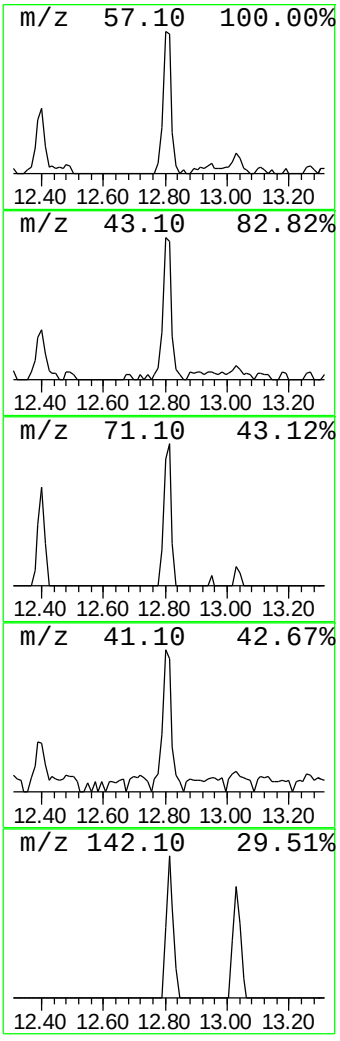
****

Peak Number 5 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	4.35 ng	86826	Naphthalene-d8	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	53
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	53
3	Eicosane	282	C20H42	000112-95-8	50
4	Tetratetracontane	619	C44H90	007098-22-8	50
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081633.D
Acq On : 15 Sep 2015 17:15
Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-15(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

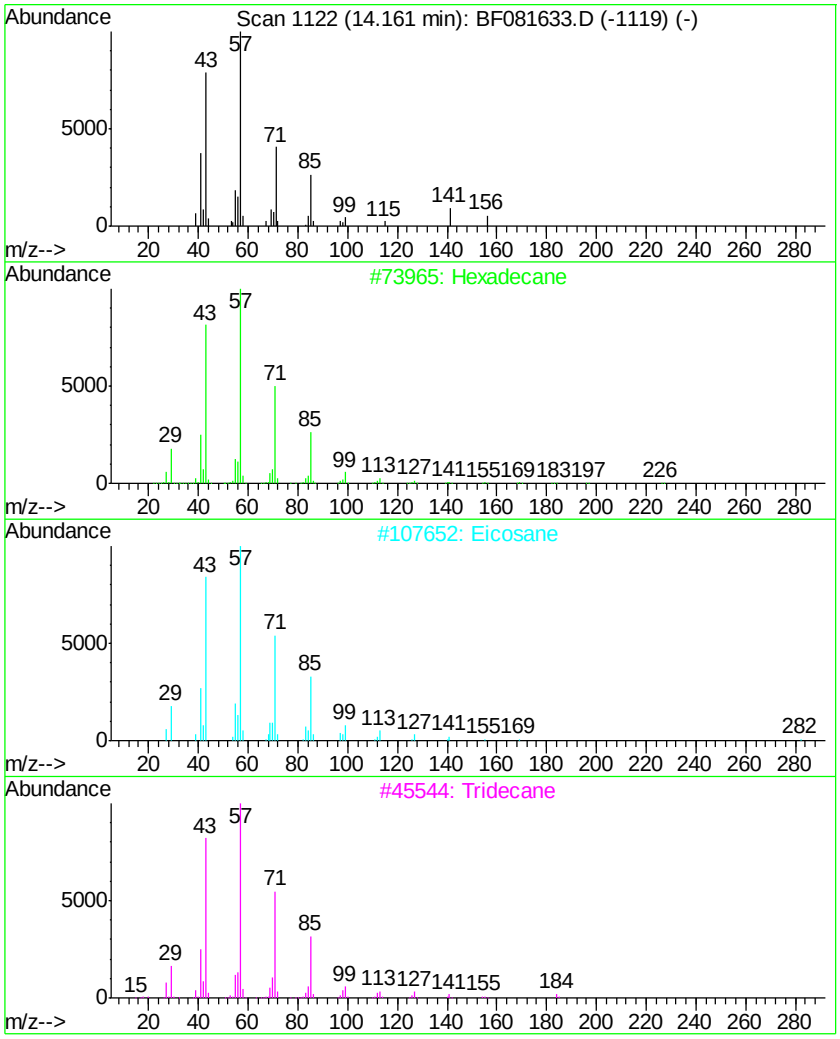
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

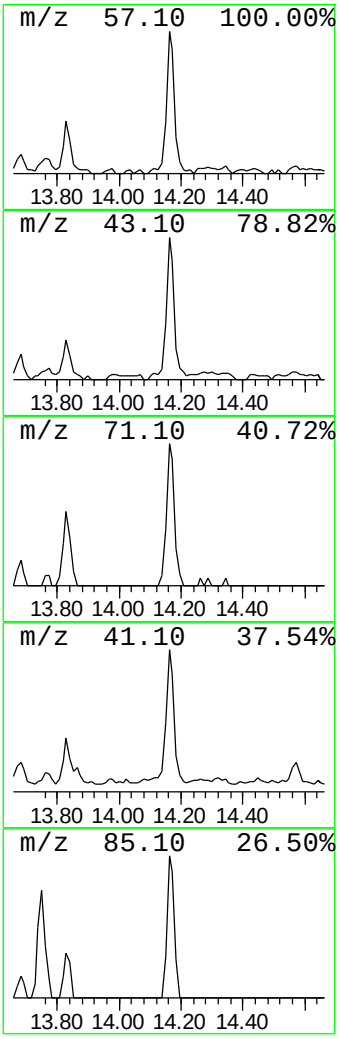
****

Peak Number 6 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	5.46 ng	104415	Acenaphthene-d10	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Eicosane	282	C20H42	000112-95-8	86
3	Tridecane	184	C13H28	000629-50-5	78
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78
5	Undecane	156	C11H24	001120-21-4	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081633.D
Acq On : 15 Sep 2015 17:15
Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-15(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

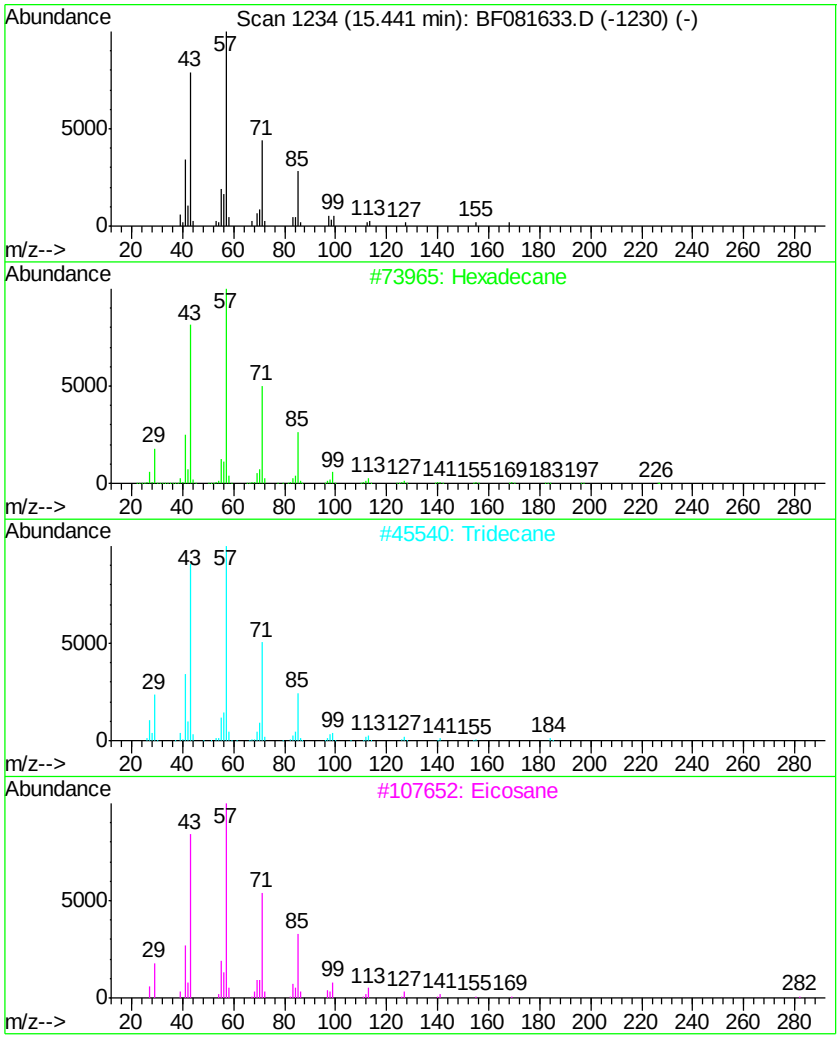
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

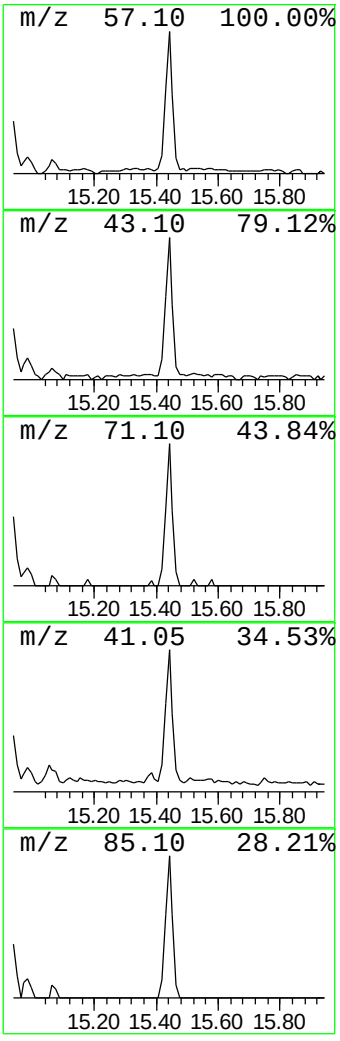
****

Peak Number 7 unknown15.44 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	6.21 ng	118746	Acenaphthene-d10	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane	184	C13H28	000629-50-5	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Tetradecane	198	C14H30	000629-59-4	80
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081633.D
Acq On : 15 Sep 2015 17:15
Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-15(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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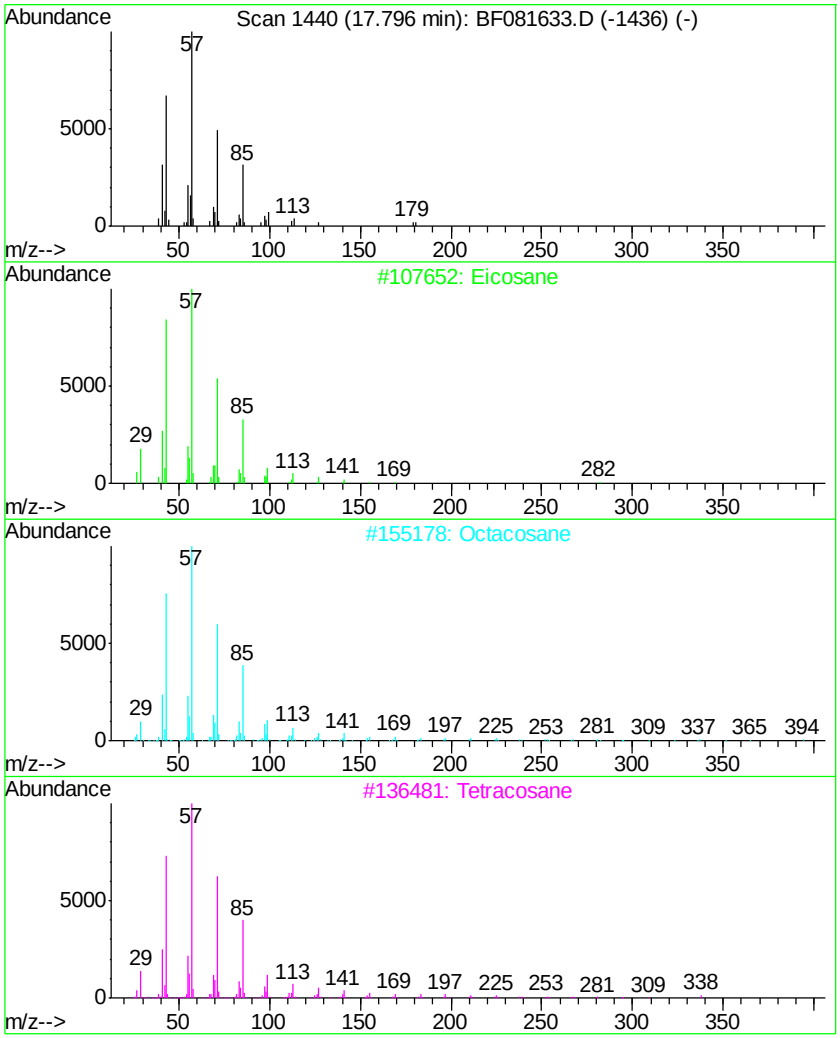
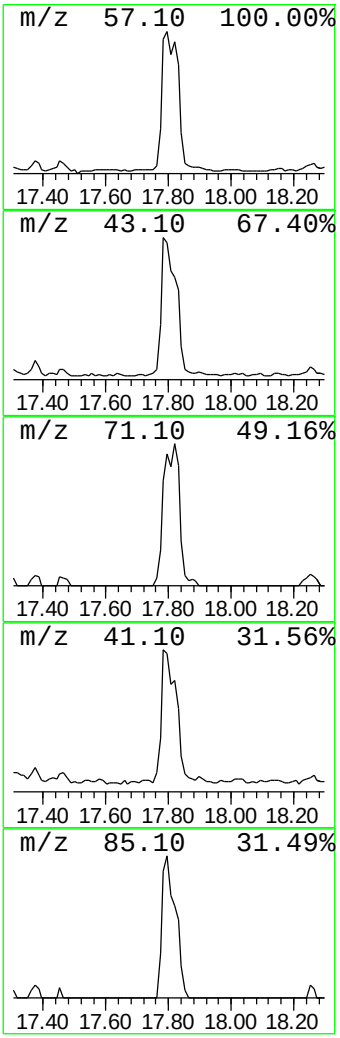
Peak Number 9 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	7.82 ng	147713	Phenanthrene-d10	18.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Hexadecane	226	C16H34	000544-76-3	86
5	Tridecane	184	C13H28	000629-50-5	80





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081633.D
Acq On : 15 Sep 2015 17:15
Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-15(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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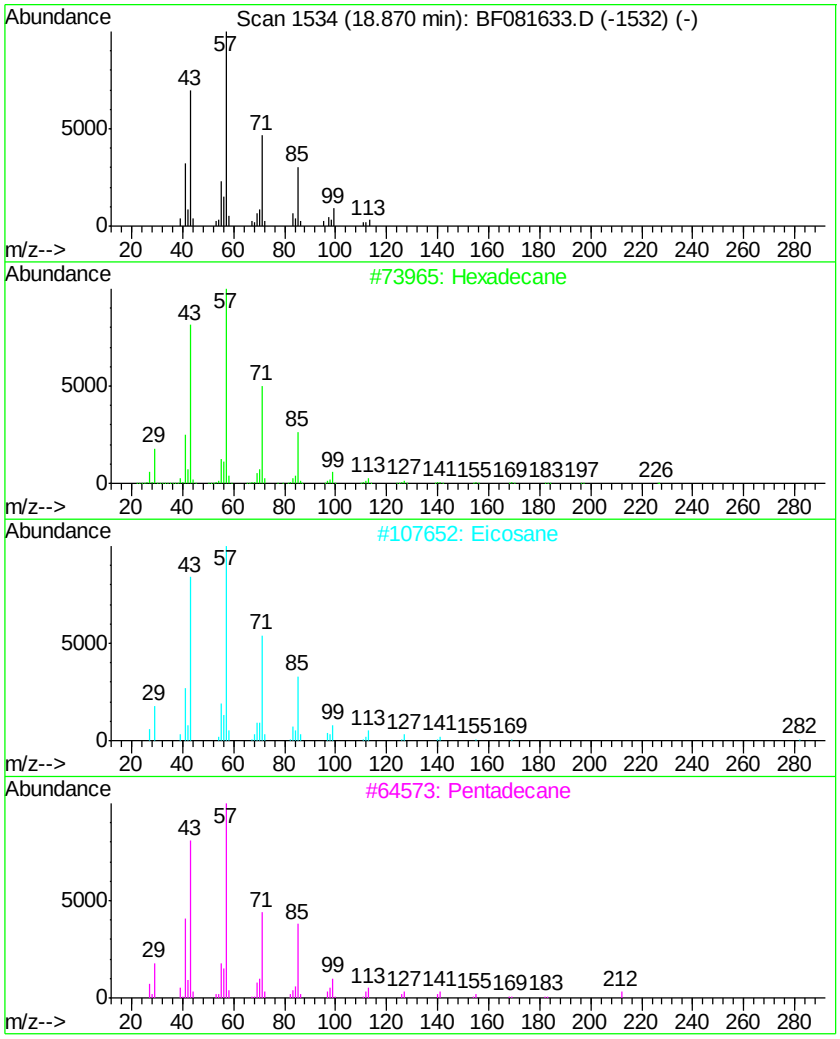
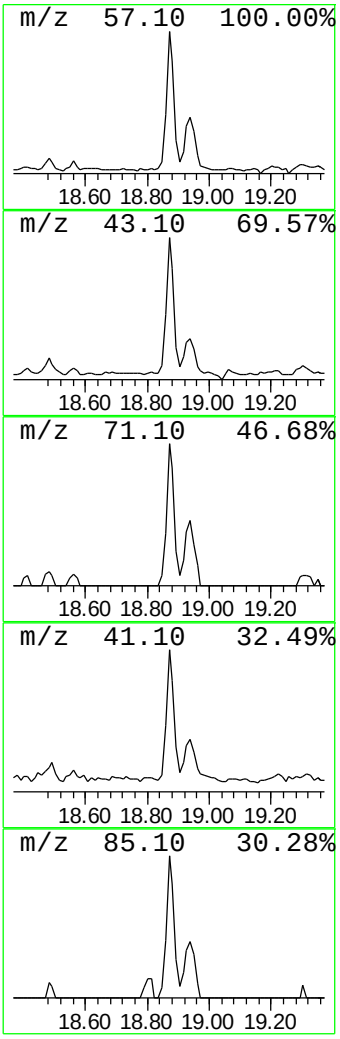
Peak Number 10 unknown18.87 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	5.41 ng	102119	Phenanthrene-d10	18.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Eicosane	282	C20H42	000112-95-8	87
3	Pentadecane	212	C15H32	000629-62-9	83
4	Tridecane	184	C13H28	000629-50-5	83
5	Tetradecane	198	C14H30	000629-59-4	83





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
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Acq On : 15 Sep 2015 17:15
Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-15(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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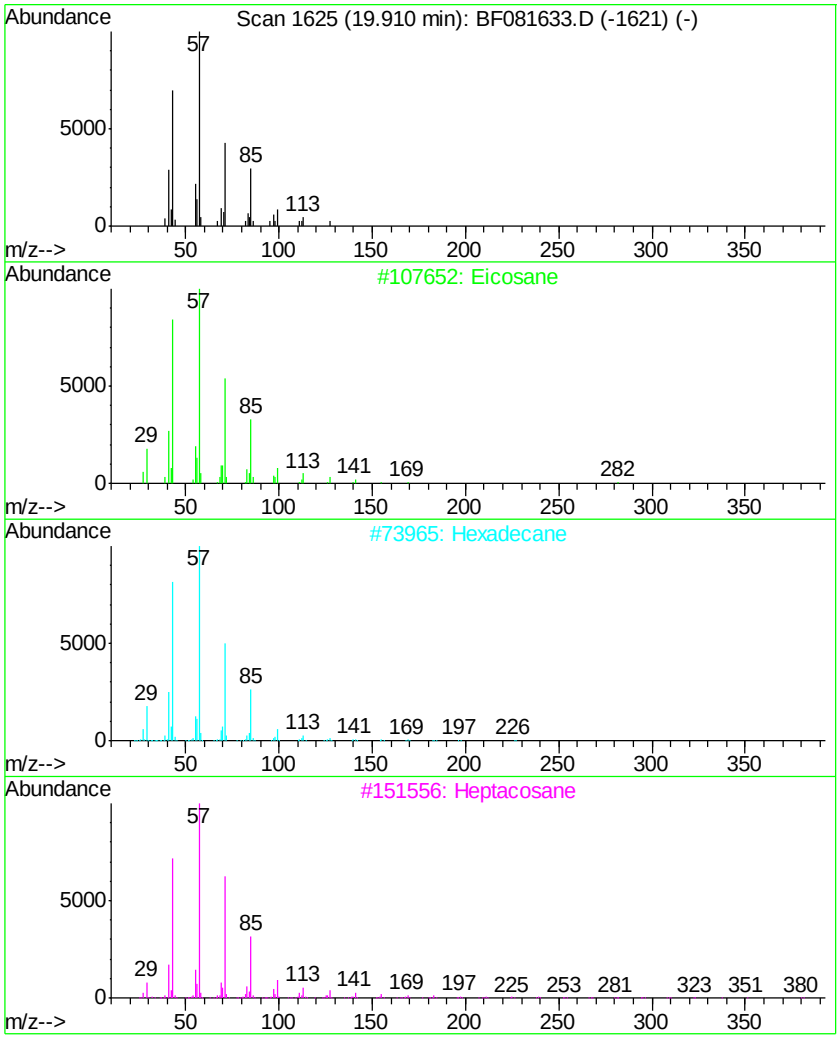
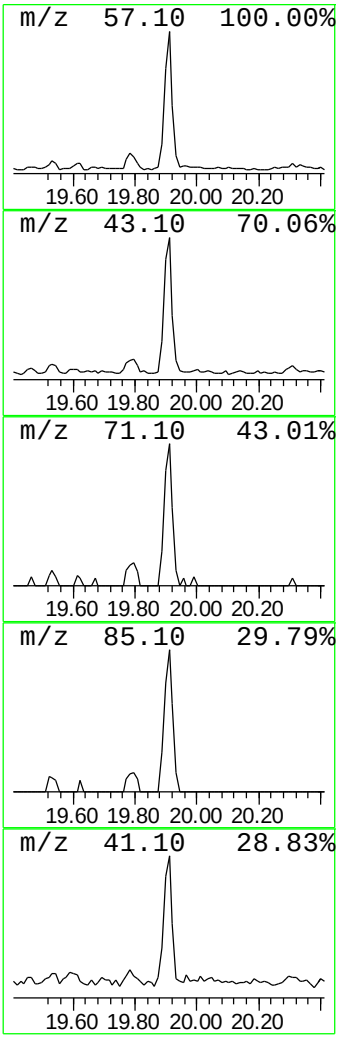
Peak Number 11 unknown19.91 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	4.70 ng	88773	Phenanthrene-d10	18.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptacosane	380	C27H56	000593-49-7	86
4	Nonadecane	268	C19H40	000629-92-5	72
5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	64





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Acq On : 15 Sep 2015 17:15
Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-15(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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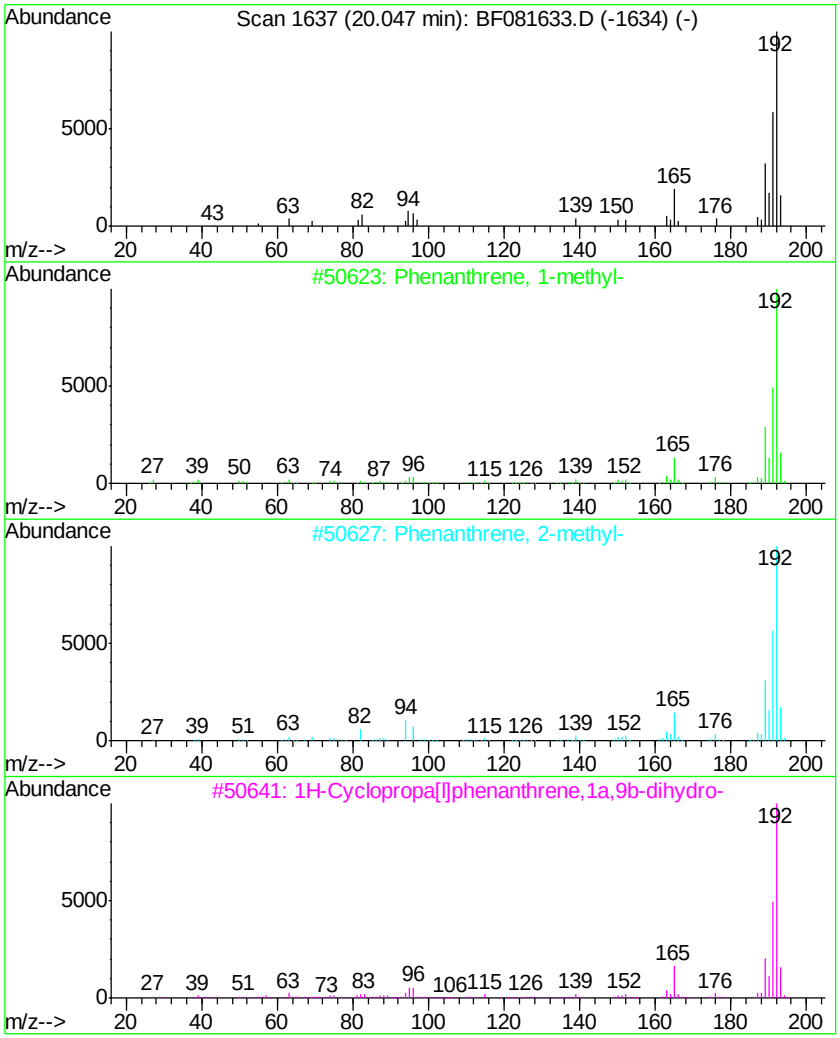
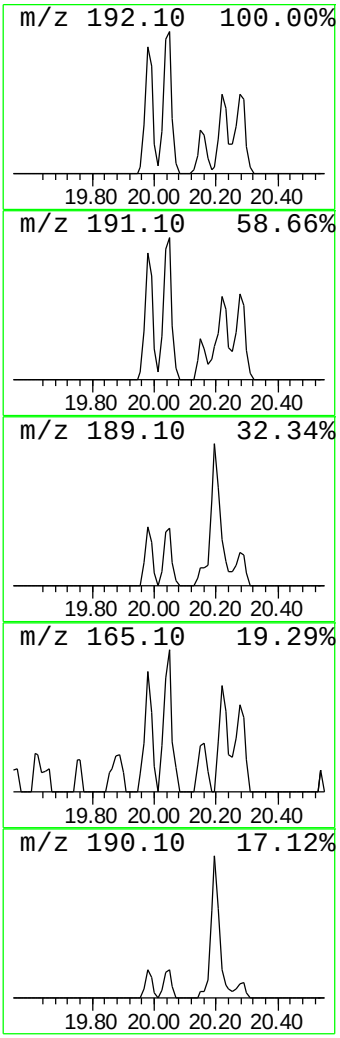
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	4.00 ng	75474	Phenanthrene-d10	18.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	87
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081633.D
Acq On : 15 Sep 2015 17:15
Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-15(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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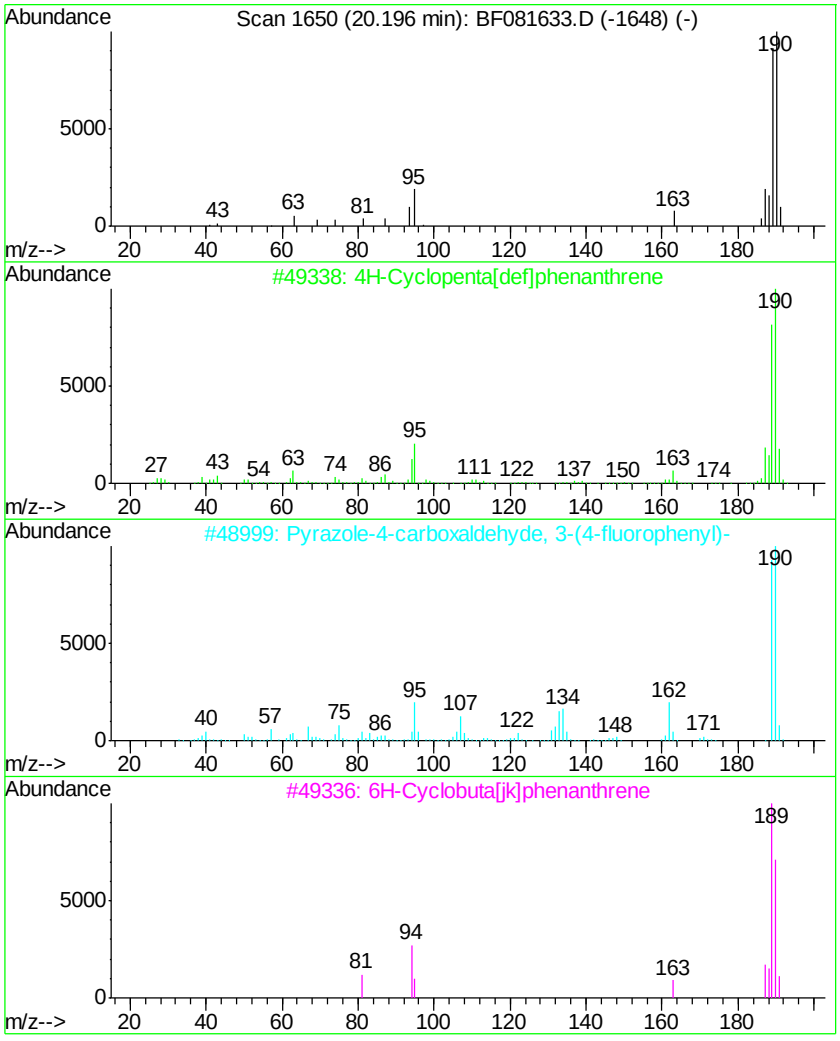
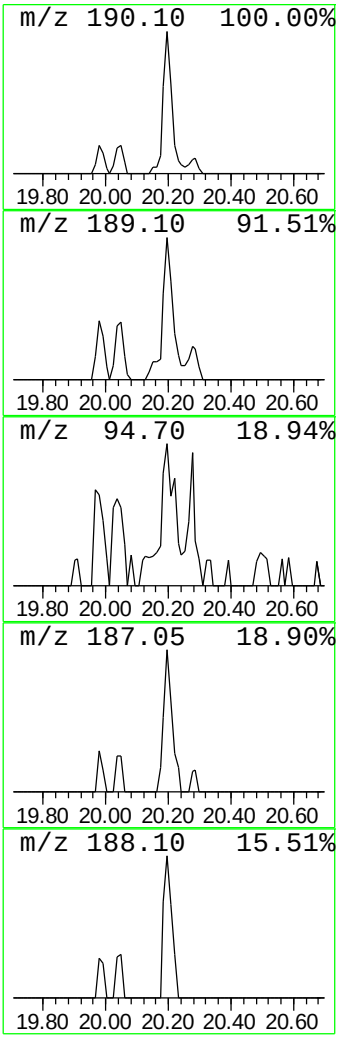
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.20	4.67 ng	88275	Phenanthrene-d10	18.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	72
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	4-Cyano-4-hydroxy-3-methyl-2-phe...	216	C13H16N2O	1000216-11-7	27
5	Benzimidazol-2(3H)-one, 5-formyl...	190	C10H10N2O2	055241-49-1	9





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Acq On : 15 Sep 2015 17:15
Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-15(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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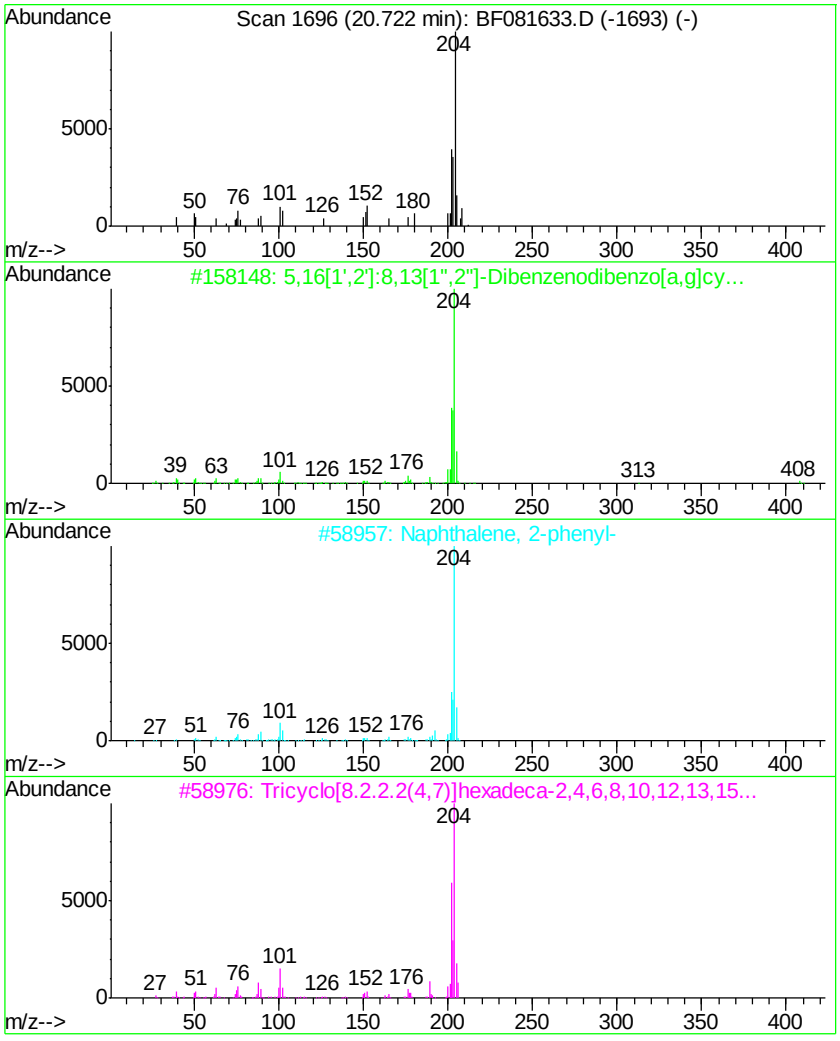
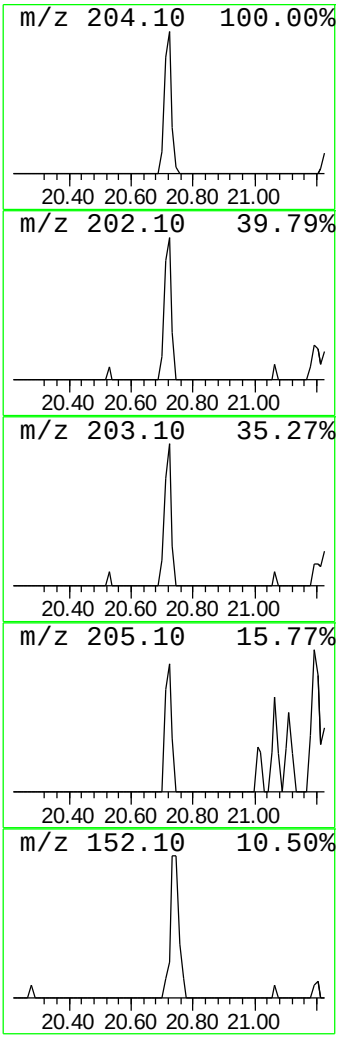
Peak Number 14 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	4.03 ng	76131	Phenanthrene-d10	18.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4	2-Phenylnaphthalene	204	C16H12	035465-71-5	50
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081633.D
Acq On : 15 Sep 2015 17:15
Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-15(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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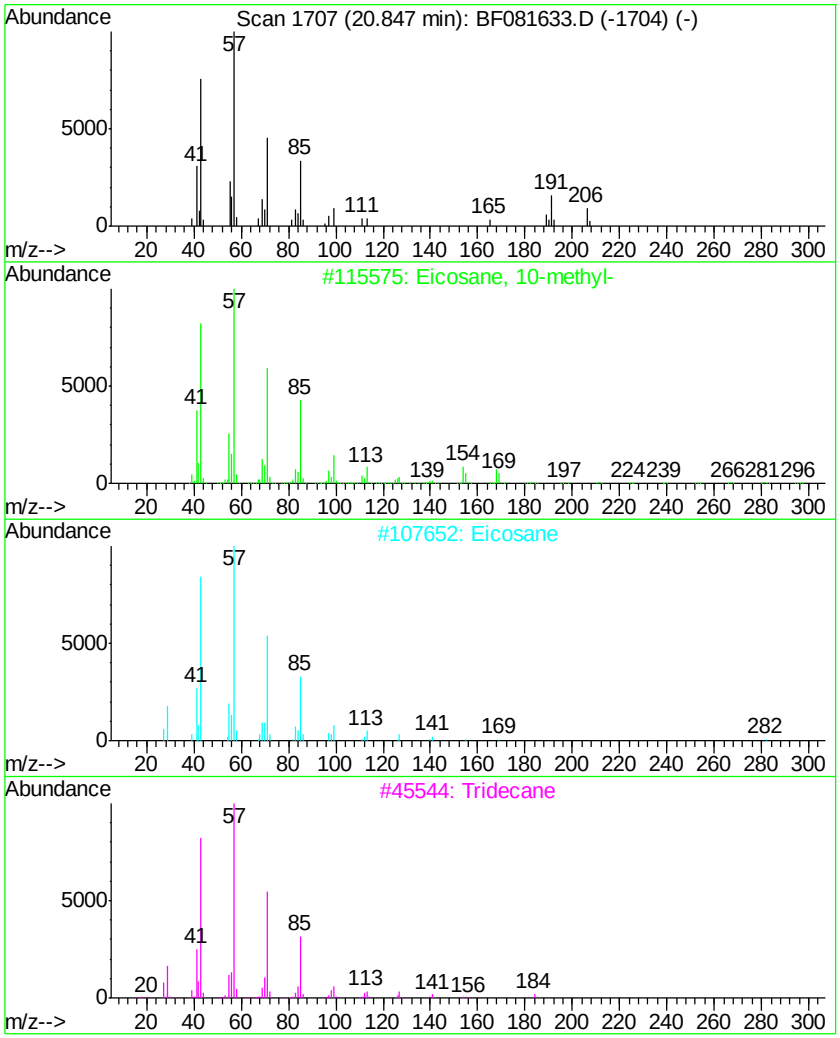
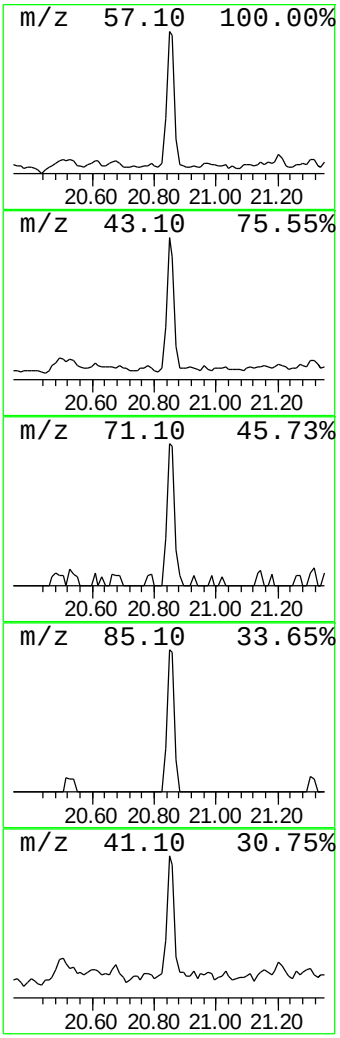
Peak Number 15 Eicosane, 10-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	4.40 ng	83008	Phenanthrene-d10	18.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	64
2	Eicosane	282	C20H42	000112-95-8	64
3	Tridecane	184	C13H28	000629-50-5	59
4	Hexadecane	226	C16H34	000544-76-3	59
5	Heptacosane	380	C27H56	000593-49-7	59





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Data File : BF081633.D
Acq On : 15 Sep 2015 17:15
Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-15(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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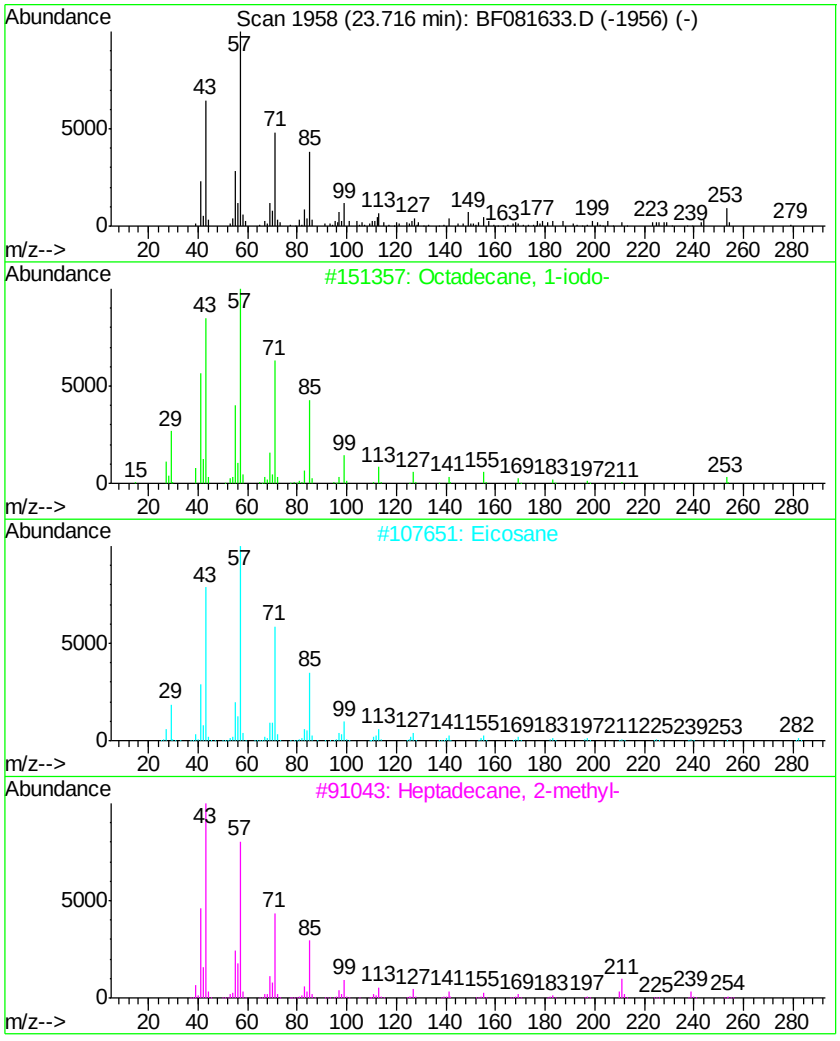
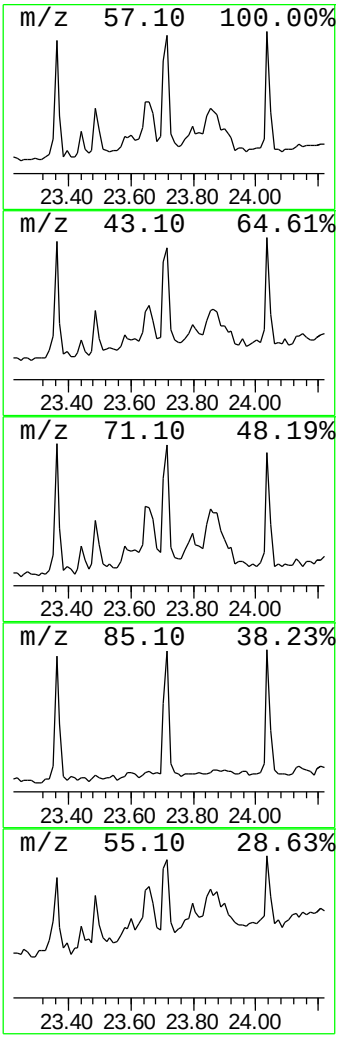
Peak Number 16 Octadecane, 1-iodo- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.72	3.59 ng	120230	Chrysene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
2	Eicosane	282	C20H42	000112-95-8	74
3	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	74
4	Tetracosane	338	C24H50	000646-31-1	74
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081633.D
Acq On : 15 Sep 2015 17:15
Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-15(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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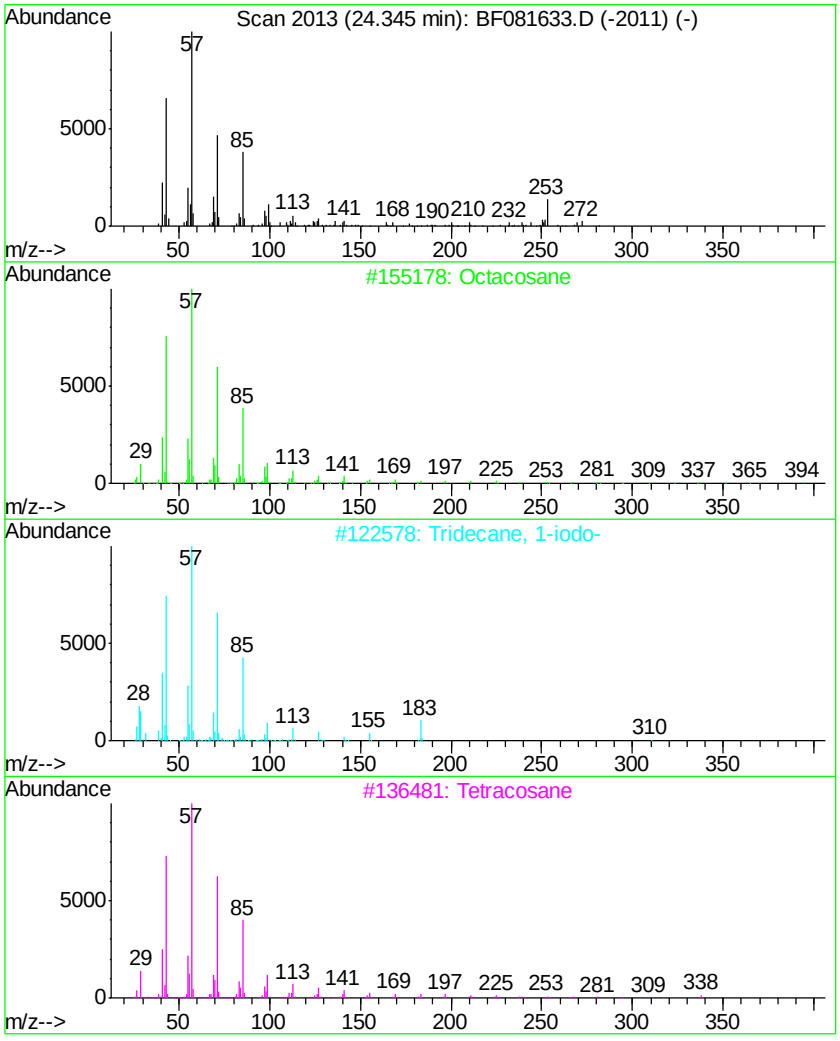
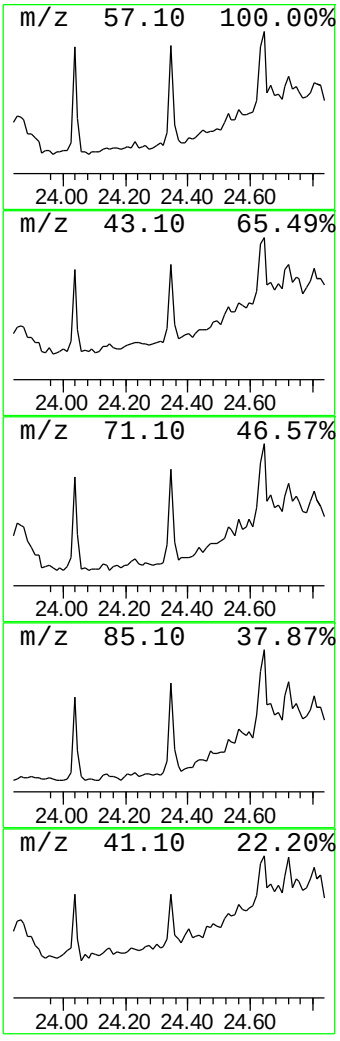
Peak Number 17 Octacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.34	3.96 ng	70991	Perylene-d12	24.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	74
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	74
3	Tetracosane	338	C24H50	000646-31-1	74
4	Eicosane	282	C20H42	000112-95-8	72
5	Nonadecane	268	C19H40	000629-92-5	72





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Acq On : 15 Sep 2015 17:15
Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-15(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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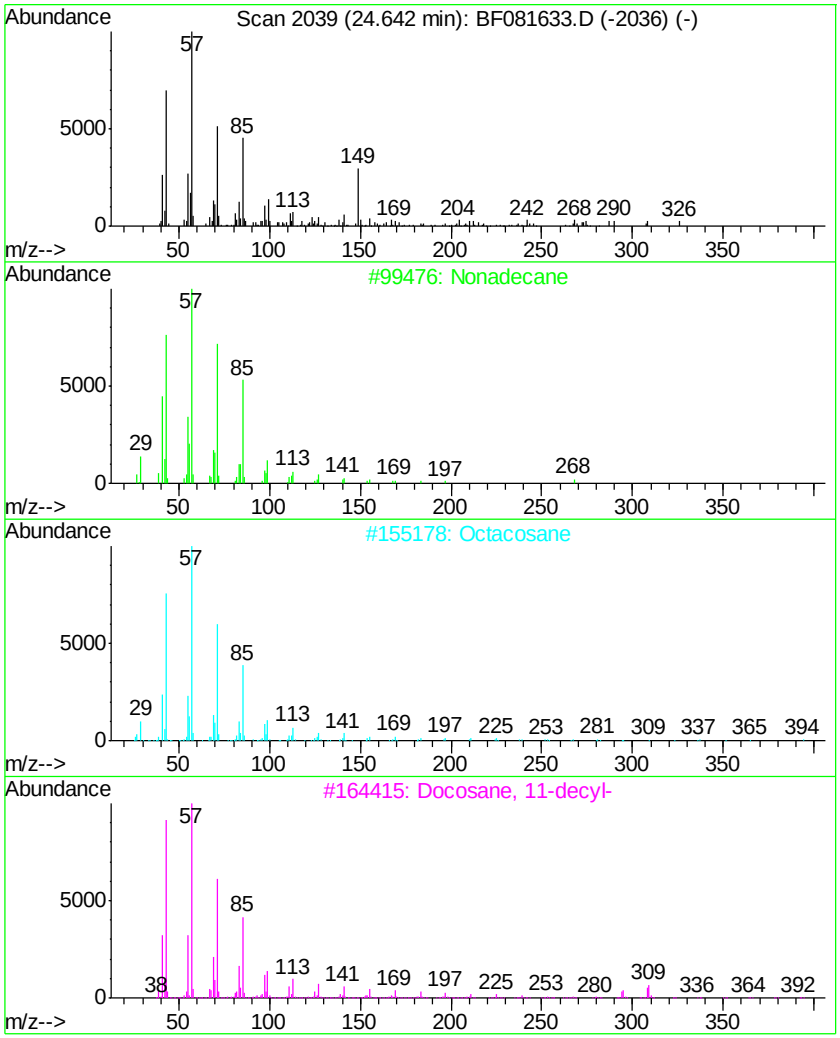
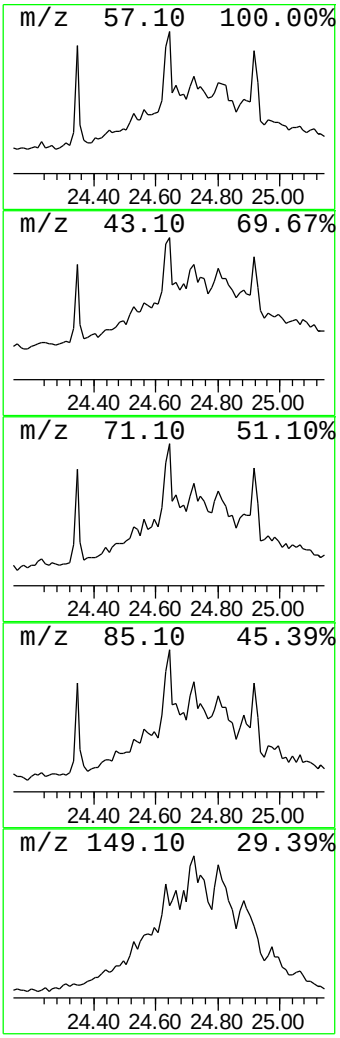
Peak Number 18 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.64	8.26 ng	148161	Perylene-d12	24.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	89
2	Octacosane	394	C28H58	000630-02-4	81
3	Docosane, 11-decyl-	451	C32H66	055401-55-3	74
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	72
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	72





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Data File : BF081633.D
Acq On : 15 Sep 2015 17:15
Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-15(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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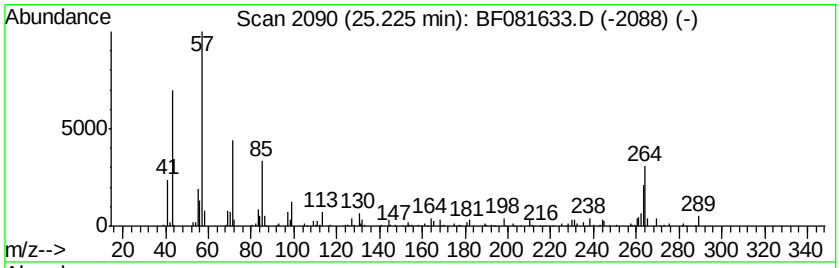
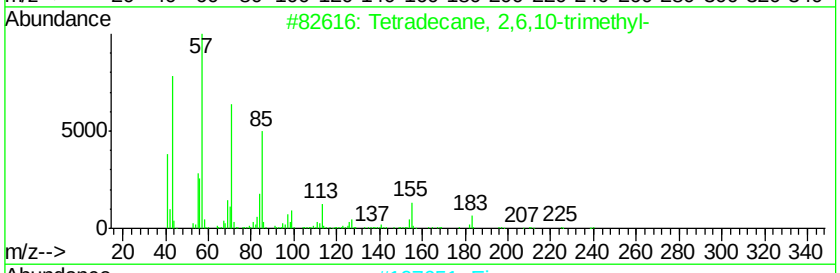
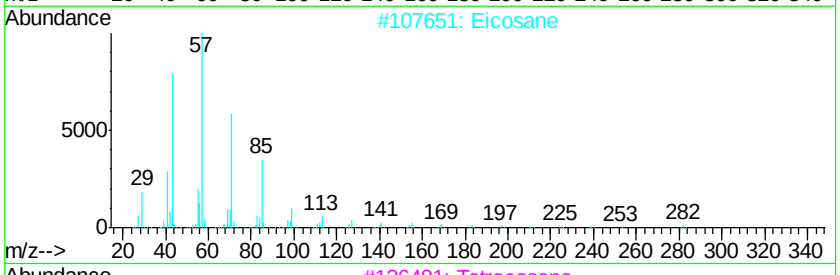
Peak Number 19 unknown25.22 Concentration Rank 14

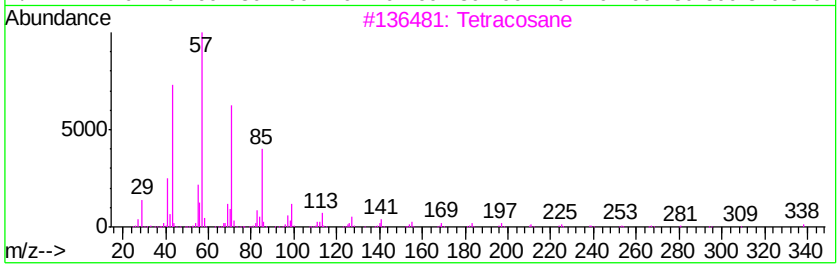
R.T.	EstConc	Area	Relative to ISTD	R.T.
25.22	4.42 ng	79179	Perylene-d12	24.81

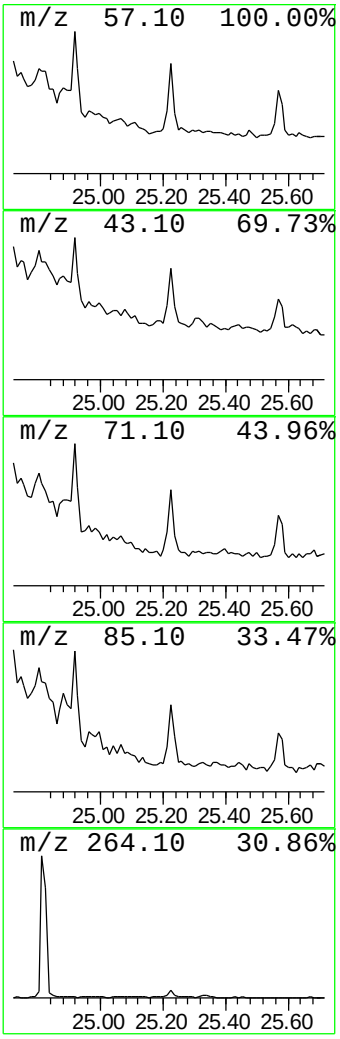
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	46
2	Eicosane	282	C20H42	000112-95-8	46
3	Tetracosane	338	C24H50	000646-31-1	41
4	Pentadecane	212	C15H32	000629-62-9	38
5	Heptacosane	380	C27H56	000593-49-7	38











Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081633.D
Acq On : 15 Sep 2015 17:15
Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-15(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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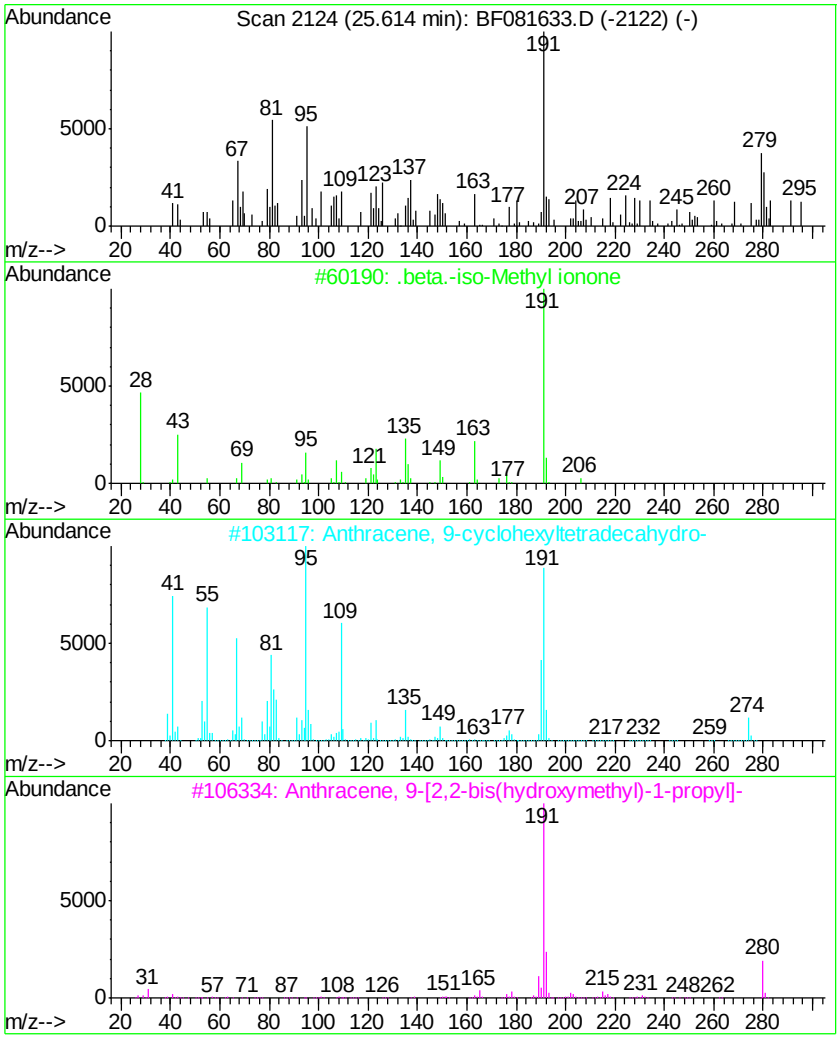
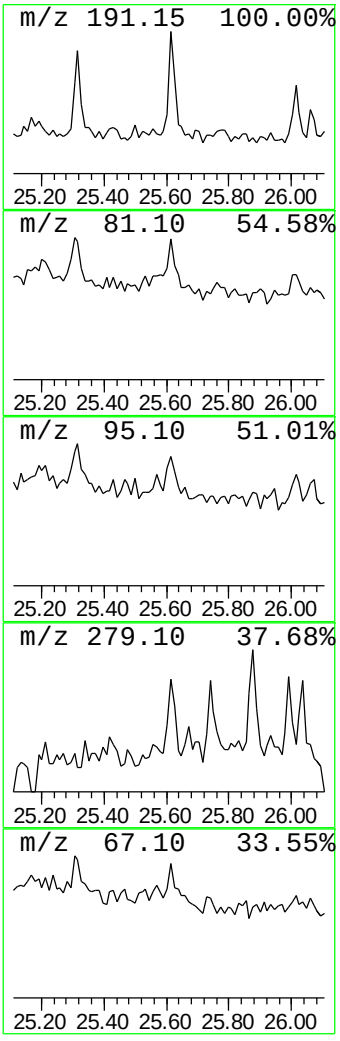
Peak Number 20 unknown25.61 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.61	4.86 ng	87074	Perylene-d12	24.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	38
2	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	37
3	Anthracene, 9-[2,2-bis(hydroxyme...	280	C19H20O2	144000-85-1	35
4	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	35
5	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081633.D
Acq On : 15 Sep 2015 17:15
Operator : UM/IZ
Sample : G3597-15 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-15(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.45	7.7	ng	117957	1	8.21	307837	20.0
unknown7.73	7.73	14.7	ng	225793	1	8.21	307837	20.0
Tridecane	12.81	4.3	ng	86826	2	11.11	399510	20.0
Hexadecane	14.16	5.5	ng	104415	3	15.25	382420	20.0
unknown15.44	15.44	6.2	ng	118746	3	15.25	382420	20.0
Eicosane	17.80	7.8	ng	147713	4	18.76	377738	20.0
unknown18.87	18.87	5.4	ng	102119	4	18.76	377738	20.0
unknown19.91	19.91	4.7	ng	88773	4	18.76	377738	20.0
Phenanthrene, 1-m...	20.05	4.0	ng	75474	4	18.76	377738	20.0
4H-Cyclopenta[def...	20.20	4.7	ng	88275	4	18.76	377738	20.0
5,16[1',2']:8,13[...	20.72	4.0	ng	76131	4	18.76	377738	20.0
Eicosane, 10-methyl-	20.85	4.4	ng	83008	4	18.76	377738	20.0
Octadecane, 1-iodo-	23.72	3.6	ng	120230	5	23.38	669621	20.0
Octacosane	24.34	4.0	ng	70991	6	24.81	358549	20.0
Nonadecane	24.64	8.3	ng	148161	6	24.81	358549	20.0
unknown25.22	25.22	4.4	ng	79179	6	24.81	358549	20.0
unknown25.61	25.61	4.9	ng	87074	6	24.81	358549	20.0