LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081583.D
Acq On : 11 Sep 2015 00:37
Operator : UM/IZ
Sample : G3511-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05(0-0.16)

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	1.474	10	12	15	rBV	10091	23962	1.24%	0.094%
2	1.554	17	19	38	rVB	56241	169817	8.76%	0.664%
3	3.406	178	181	186	rBV	11417	29889	1.54%	0.117%
4	4.594	279	285	298	rBV	392417	1184999	61.13%	4.637%
5	5.097	317	329	336	rBV2	8812	48563	2.51%	0.190%
6	5.463	357	361	378	rBV	902116	1778535	91.75%	6.959%
7	6.217	424	427	434	rVB	12844	25533	1.32%	0.100%
8	7.555	541	544	554	rVB	33114	66614	3.44%	0.261%
9	7.726	554	559	561	rBV	890881	1927411	99.43%	7.541%
10	7.806	561	566	574	rVB	937941	1841580	95.00%	7.206%
11	8.275	598	607	610	rBV	218399	413930	21.35%	1.620%
12	8.343	611	613	615	rVB	25690	35143	1.81%	0.138%
13	8.606	631	636	639	rBV	867115	1431545	73.85%	5.601%
14	9.578	716	721	724	rBV	635698	1149980	59.32%	4.500%
15	11.178	857	861	864	rBV	221676	382858	19.75%	1.498%
16	13.830	1087	1093	1096	rBV	1113862	1938554	100.00%	7.585%
17	14.881	1181	1185	1188	rBV	178629	309468	15.96%	1.211%
18	14.961	1190	1192	1197	rVV	11741	20055	1.03%	0.078%
19	15.315	1219	1223	1227	rBV	192353	346579	17.88%	1.356%
20	16.710	1342	1345	1348	rBV	12251	20401	1.05%	0.080%
21	17.224	1385	1390	1393	rBV	466439	821678	42.39%	3.215%
22	17.853	1441	1445	1447	rBV	18613	36330	1.87%	0.142%
23	18.321	1481	1486	1491	rBV	14646	49479	2.55%	0.194%
24	18.824	1526	1530	1532	rBV	195743	324835	16.76%	1.271%
25	18.882	1532	1535	1537	rVV	70116	136853	7.06%	0.535%
26	18.939	1537	1540	1543	rVV3	24544	57507	2.97%	0.225%
27	18.996	1543	1545	1550	rVB	19845	37748	1.95%	0.148%
28	19.373	1575	1578	1584	rVB	10611	21858	1.13%	0.086%
29	19.796	1610	1615	1617	rBV3	8837	20878	1.08%	0.082%
30	19.979	1627	1631	1635	rBV2	14905	31346	1.62%	0.123%
31	20.116	1640	1643	1647	rVB	14313	26900	1.39%	0.105%
32	20.345	1660	1663	1664	rBV	48936	73372	3.78%	0.287%
33	20.390	1664	1667	1672	rVV	362517	724725	37.38%	2.836%
34	20.482	1672	1675	1681	rVV2	72344	205504	10.60%	0.804%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081583.D
Acq On : 11 Sep 2015 00:37
Operator : UM/IZ
Sample : G3511-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05(0-0.16)

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	20.585	1681	1684	1695	rVB	156400	367776	18.97%	1.439%
36	20.745	1695	1698	1700	rBV2	18849	28603	1.48%	0.112%
37	20.916	1710	1713	1719	rVB4	10979	29798	1.54%	0.117%
38	21.110	1725	1730	1731	rBV3	19151	47242	2.44%	0.185%
39	21.145	1731	1733	1737	rVV	280405	544582	28.09%	2.131%
40	21.213	1737	1739	1749	rVV	671980	1277942	65.92%	5.000%
41	21.362	1750	1752	1757	rVV4	30532	106882	5.51%	0.418%
42	21.430	1757	1758	1760	rVV2	24962	41502	2.14%	0.162%
43	21.487	1760	1763	1767	rVV	211744	339047	17.49%	1.327%
44	21.590	1770	1772	1774	rVV3	12689	22405	1.16%	0.088%
45	21.636	1774	1776	1780	rVB	15626	26506	1.37%	0.104%
46	21.830	1790	1793	1798	rBV2	327554	544378	28.08%	2.130%
47	21.945	1801	1803	1806	rBV	36485	60026	3.10%	0.235%
48	22.070	1810	1814	1818	rVB3	19515	59244	3.06%	0.232%
49	22.162	1818	1822	1824	rBV	1108468	1457936	75.21%	5.705%
50	22.253	1828	1830	1832	rBV3	13806	21421	1.10%	0.084%
51	22.345	1832	1838	1840	rBV	29807	59301	3.06%	0.232%
52	22.436	1844	1846	1847	rBV	21149	21821	1.13%	0.085%
53	22.470	1847	1849	1854	rBV3	17256	41063	2.12%	0.161%
54	22.573	1854	1858	1859	rBV2	27415	61575	3.18%	0.241%
55	22.722	1869	1871	1874	rVB4	13535	28143	1.45%	0.110%
56	22.905	1885	1887	1890	rVB3	21993	36559	1.89%	0.143%
57	22.996	1891	1895	1900	rBV6	31047	77290	3.99%	0.302%
58	23.122	1904	1906	1908	rBV2	29246	39442	2.03%	0.154%
59	23.156	1908	1909	1912	rVB3	30970	44055	2.27%	0.172%
60	23.213	1912	1914	1916	rVB2	22821	22257	1.15%	0.087%
61	23.259	1916	1918	1921	rBV	31120	40346	2.08%	0.158%
62	23.328	1921	1924	1925	rBV2	34471	45896	2.37%	0.180%
63	23.385	1927	1929	1931	rBV2	151313	302520	15.61%	1.184%
64	23.419	1931	1932	1934	rVB2	208281	268576	13.85%	1.051%
65	23.533	1940	1942	1944	rVB	80642	81154	4.19%	0.318%
66	23.602	1946	1948	1949	rBV	24390	27349	1.41%	0.107%
67	23.751	1959	1961	1964	rVB	46761	63468	3.27%	0.248%
68	23.876	1970	1972	1974	rBV	55366	54959	2.84%	0.215%
69	24.082	1988	1990	1994	rBV	198432	234897	12.12%	0.919%
70	24.208	1999	2001	2005	rBV3	20306	38558	1.99%	0.151%
71	24.322	2009	2011	2013	rVV	160169	163119	8.41%	0.638%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	24.391	2014	2017	2020	rBV2	64667	122372	6.31%	0.479%
73	24.436	2020	2021	2023	rVV	40608	60363	3.11%	0.236%
74	24.516	2026	2028	2033	rVB2	347635	581882	30.02%	2.277%
75	24.688	2040	2043	2046	rBV2	218000	450964	23.26%	1.765%
76	24.768	2048	2050	2052	rVV	121111	140887	7.27%	0.551%
77	24.814	2052	2054	2056	rVV	140718	177310	9.15%	0.694%
78	24.859	2056	2058	2065	rVV2	206619	339055	17.49%	1.327%
79	24.962	2065	2067	2070	rVV	35706	46645	2.41%	0.183%
80	25.111	2077	2080	2084	rBV	107999	171002	8.82%	0.669%
81	25.271	2092	2094	2096	rBV	80105	119569	6.17%	0.468%
82	25.316	2096	2098	2101	rVB	61912	97299	5.02%	0.381%
83	25.831	2140	2143	2147	rVB3	98760	170929	8.82%	0.669%
84	25.934	2150	2152	2156	rBV2	66060	121921	6.29%	0.477%
85	26.048	2159	2162	2165	rBV3	43454	94445	4.87%	0.370%
86	26.105	2165	2167	2170	rVB	29105	43649	2.25%	0.171%
87	26.254	2177	2180	2183	rBV	38683	69225	3.57%	0.271%
88	26.345	2185	2188	2189	rBV2	59323	113267	5.84%	0.443%
89	27.054	2247	2250	2254	rVB4	38793	89711	4.63%	0.351%
90	27.900	2321	2324	2327	rVB3	43169	104852	5.41%	0.410%

Sum of corrected areas: 25557414

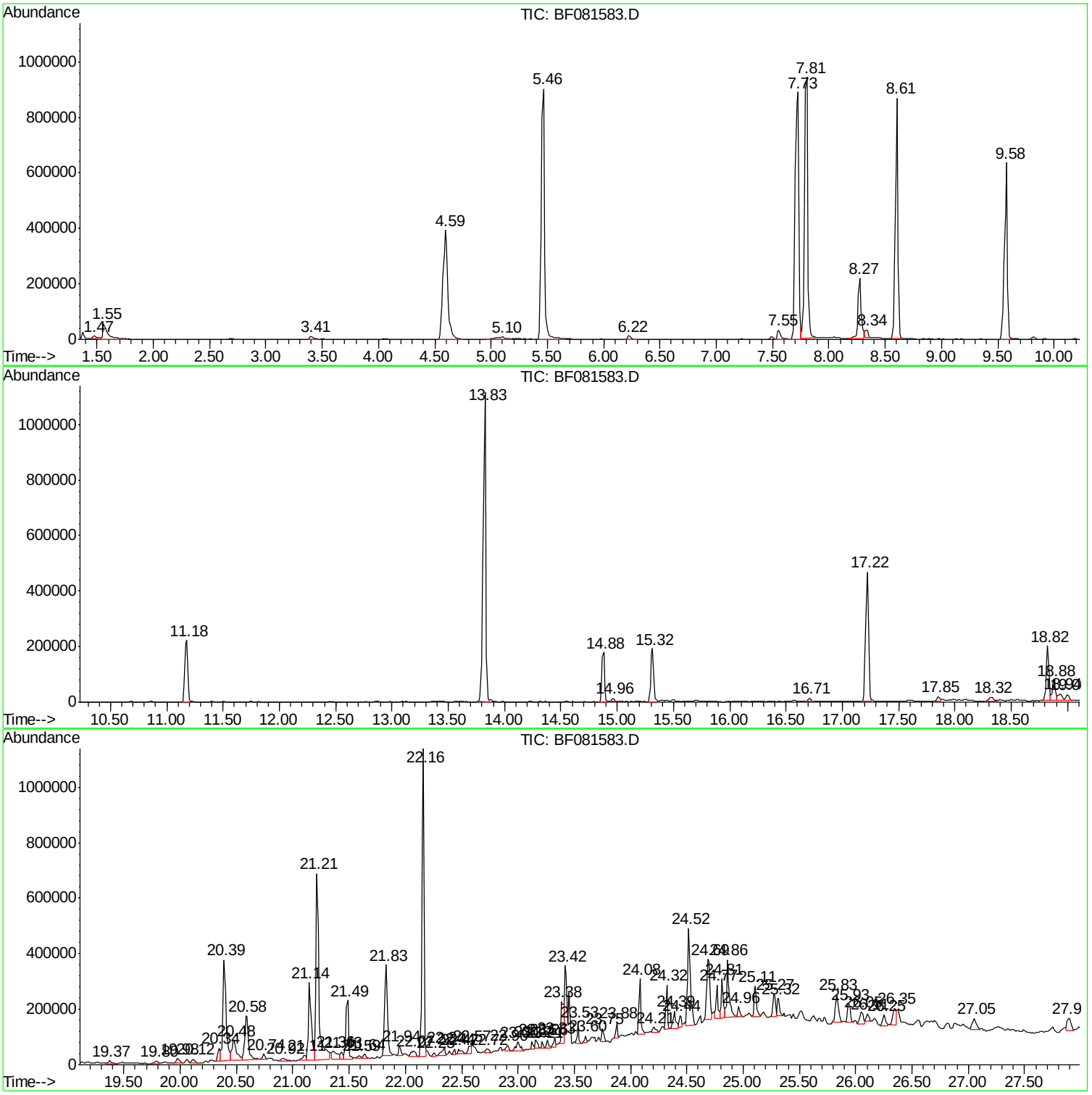
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081583.D
Acq On : 11 Sep 2015 00:37
Operator : UM/IZ
Sample : G3511-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05(0-0.16)

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081583.D
Acq On : 11 Sep 2015 00:37
Operator : UM/IZ
Sample : G3511-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05(0-0.16)

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

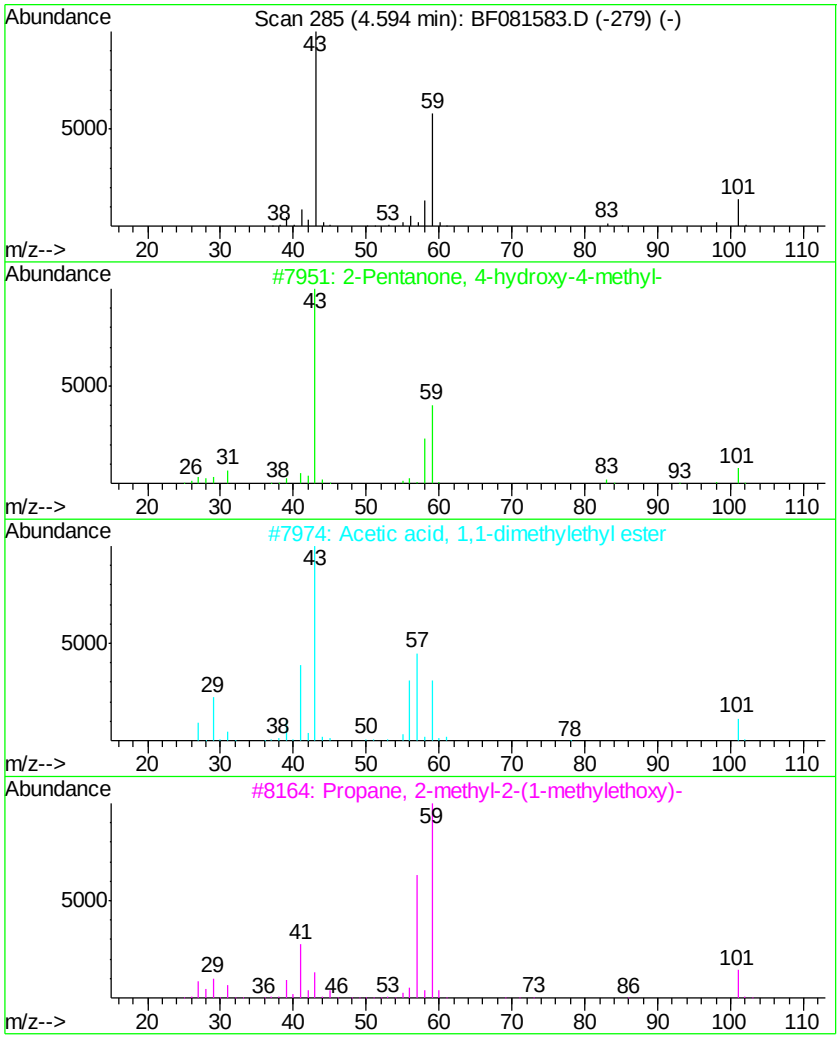
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

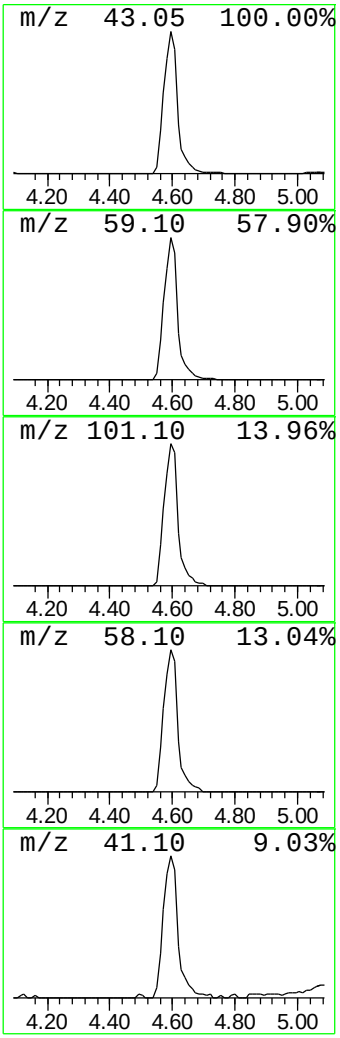
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.59	57.26 ng	1185000	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081583.D
Acq On : 11 Sep 2015 00:37
Operator : UM/IZ
Sample : G3511-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05(0-0.16)

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

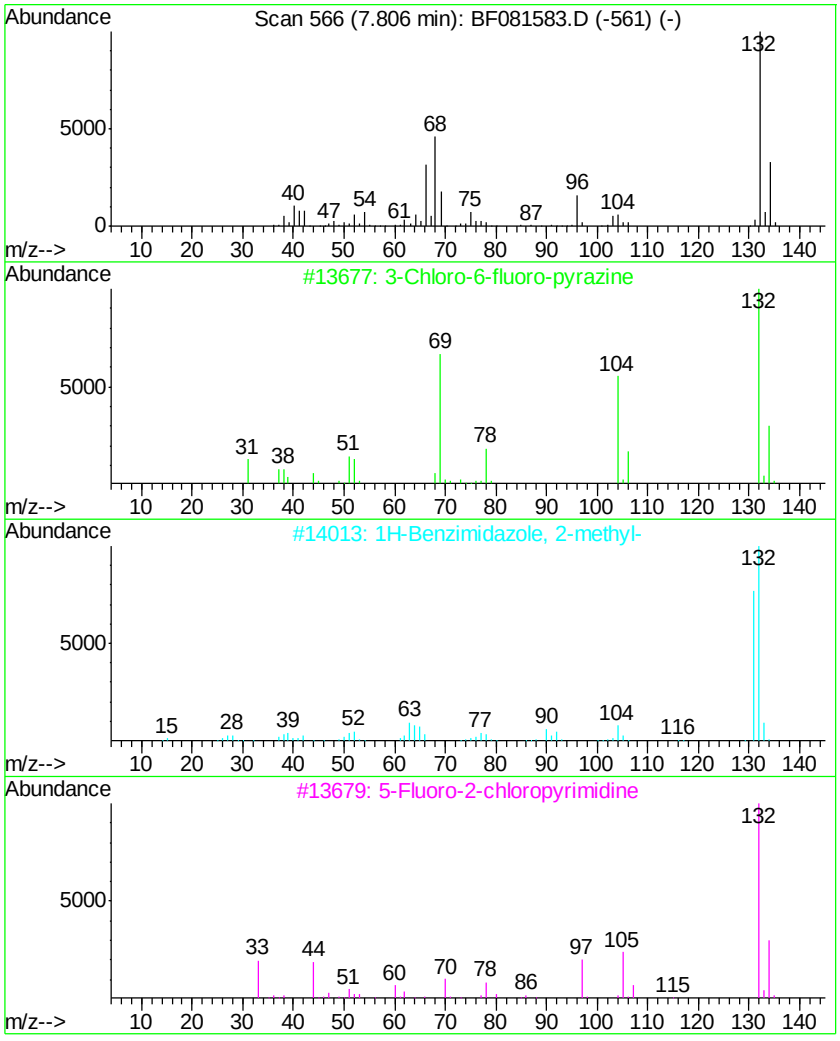
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

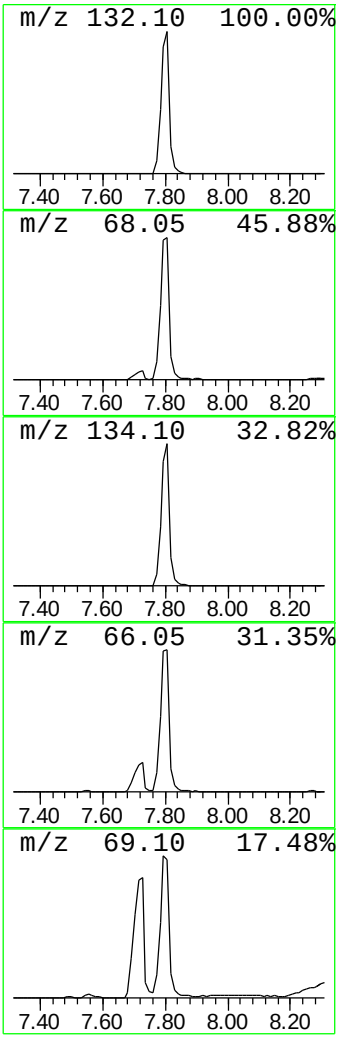
****

Peak Number 3 unknown7.81 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	88.98 ng	1841580	1,4-Dichlorobenzene-d4	8.27

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	25
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Sample : G3511-17
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Instrument : BNA_F
ClientSampleId : SB-05(0-0.16)

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

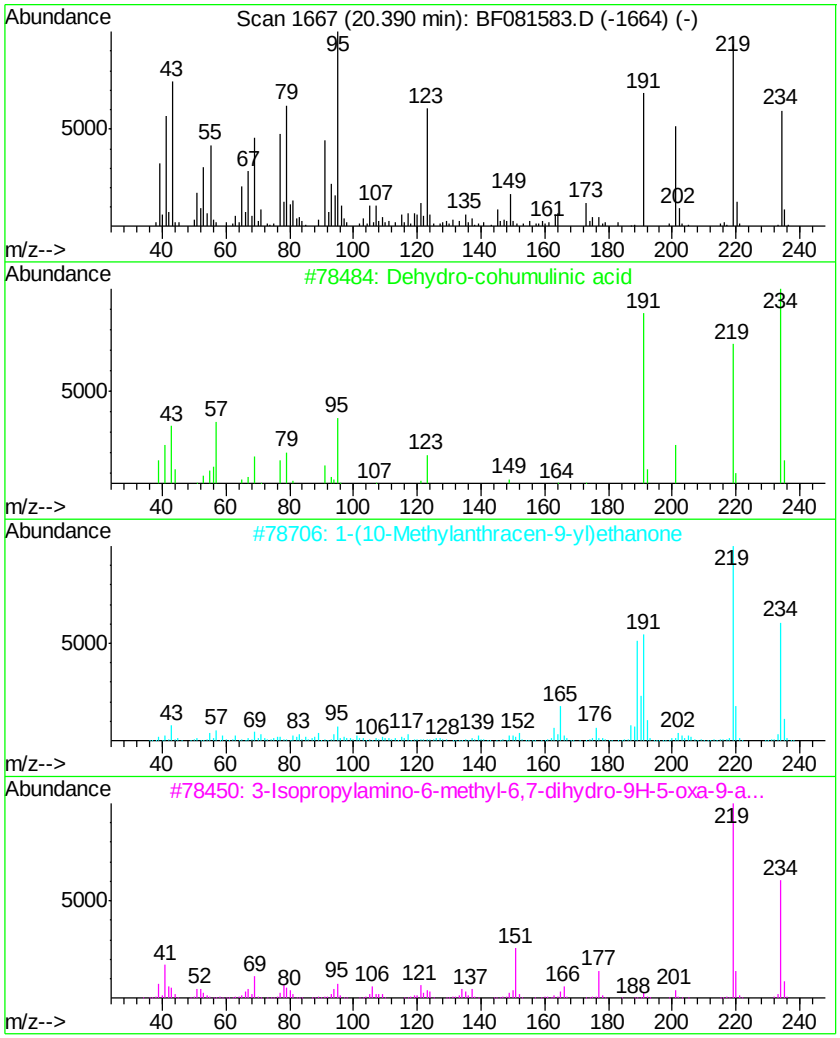
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

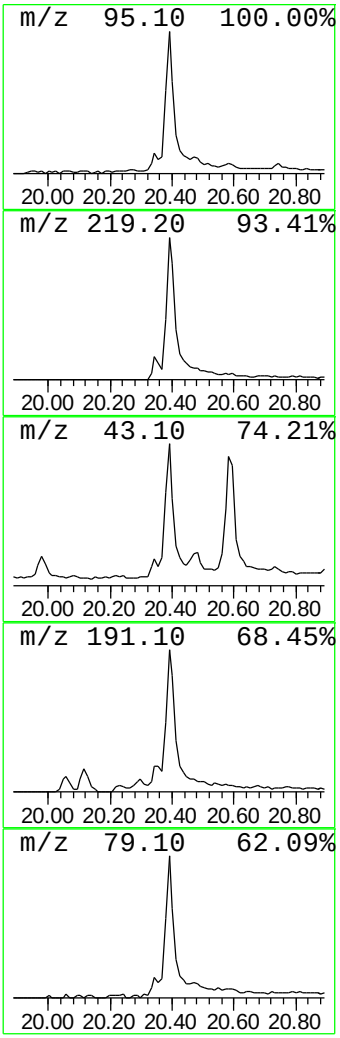
****

Peak Number 5 Dehydro-cohumulinic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.39	44.62 ng	724725	Phenanthrene-d10	18.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydro-cohumulinic acid	234	C14H18O3	1000041-27-1	96
2	1-(10-Methylanthracen-9-yl)ethanone	234	C17H14O	036778-18-4	30
3	3-Isopropylamino-6-methyl-6,7-di...	234	C13H18N2O2	145220-69-5	25
4	Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	25
5	[1,2]Dithiolo[1,5-b][1,2]oxathio...	234	C12H10OS2	074810-14-3	25





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

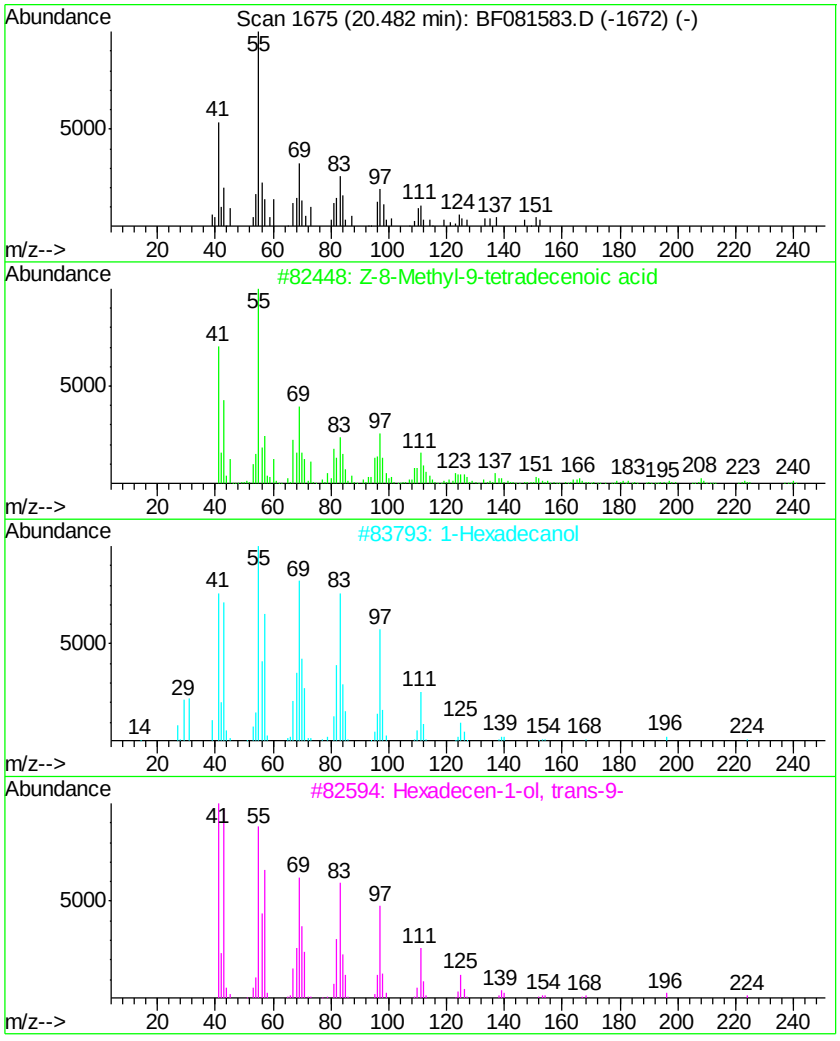
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

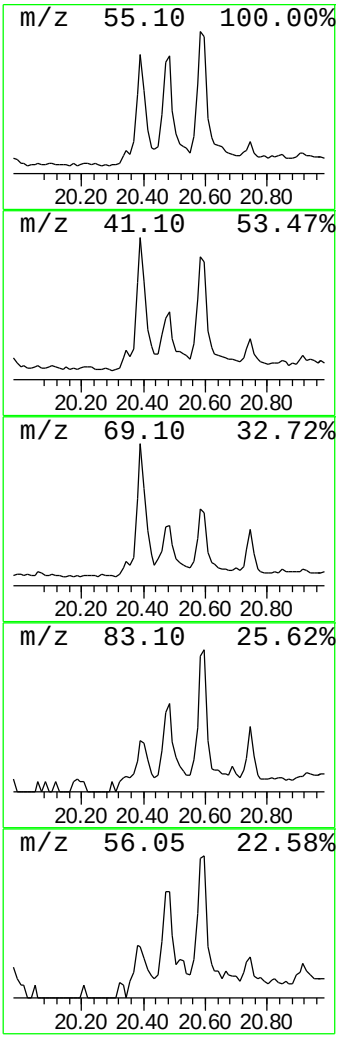
****

Peak Number 6 Z-8-Methyl-9-tetradecenoic ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.48	12.65 ng	205504	Phenanthrene-d10	18.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-8-Methyl-9-tetradecenoic acid	240	C15H28O2	1000130-84-5	64
2	1-Hexadecanol	242	C16H34O	036653-82-4	52
3	Hexadecen-1-ol, trans-9-	240	C16H32O	064437-47-4	47
4	1-Tridecene	182	C13H26	002437-56-1	47
5	Undecylenic Acid	184	C11H20O2	000112-38-9	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081583.D
Acq On : 11 Sep 2015 00:37
Operator : UM/IZ
Sample : G3511-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05(0-0.16)

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

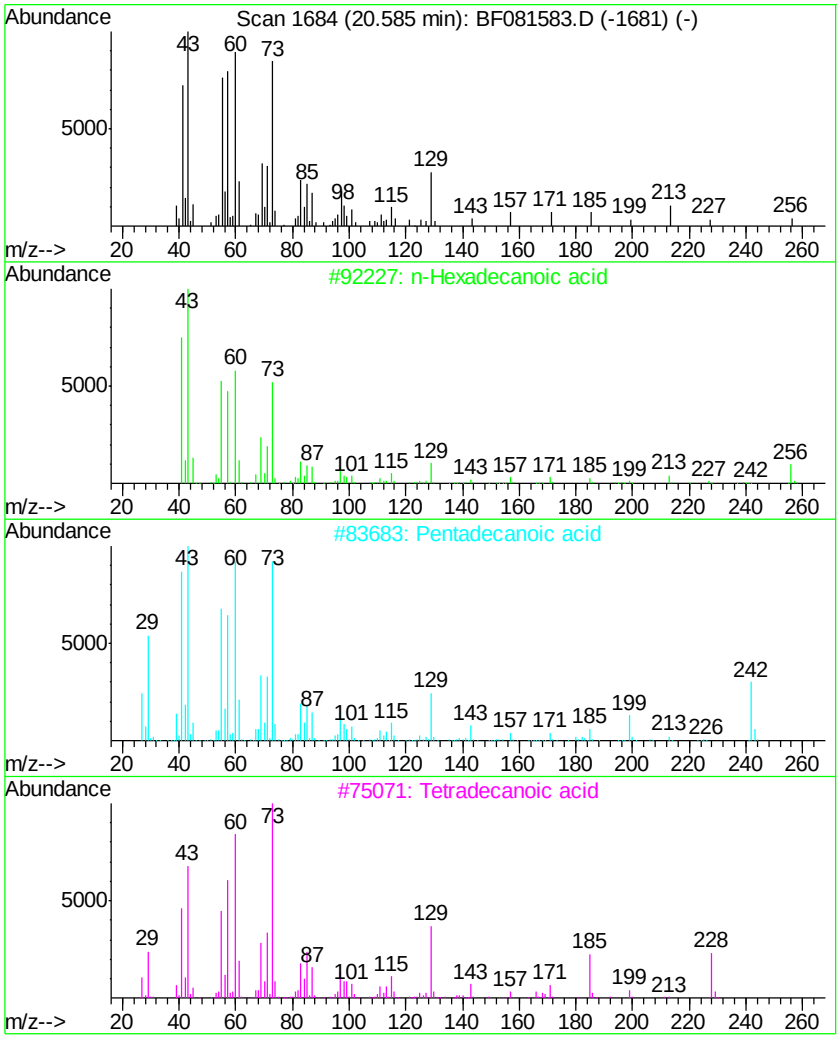
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

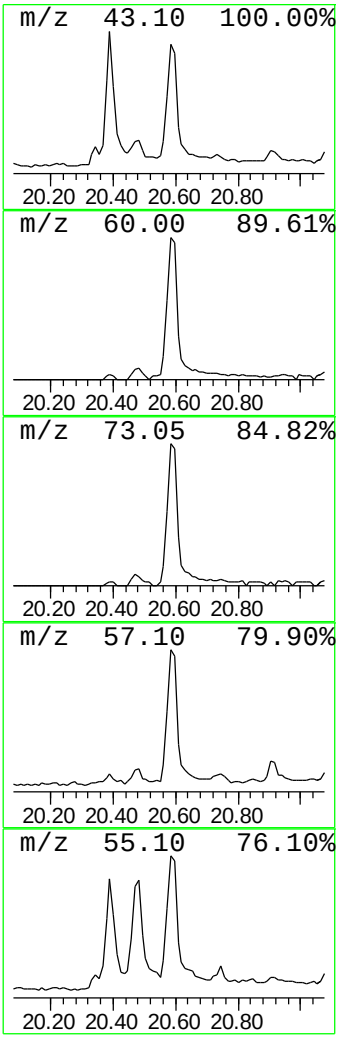
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.58	22.64 ng	367776	Phenanthrene-d10	18.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Undecanoic acid	186	C11H22O2	000112-37-8	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	78





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081583.D
Acq On : 11 Sep 2015 00:37
Operator : UM/IZ
Sample : G3511-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05(0-0.16)

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

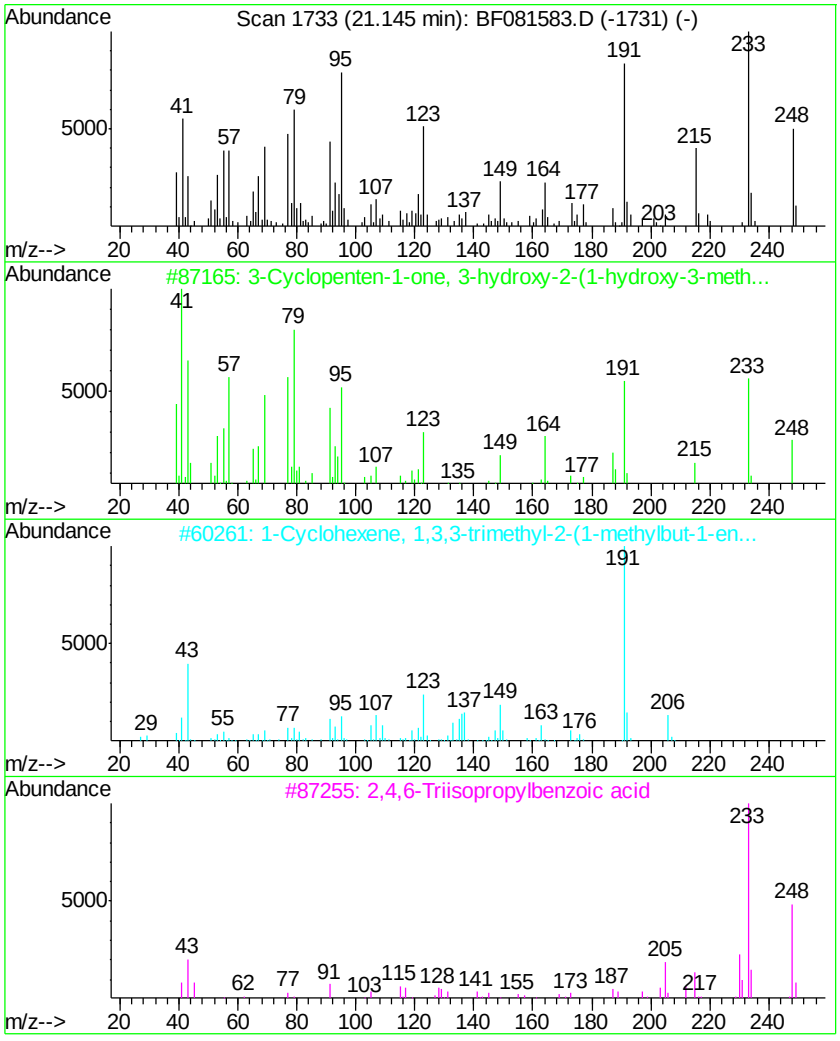
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

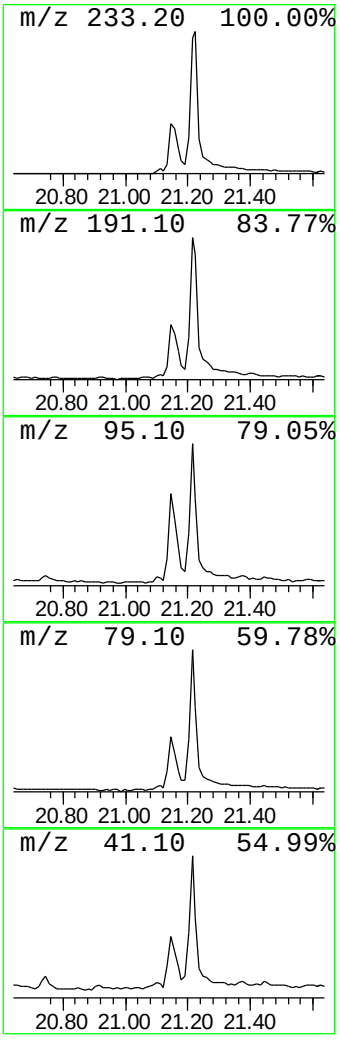
****

Peak Number 8 3-Cyclopenten-1-one, 3-hydr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	40.55 ng	544582	Chrysene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclopenten-1-one, 3-hydroxy-2...	248	C15H20O3	038574-23-1	70
2	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38
3	2,4,6-Triisopropylbenzoic acid	248	C16H24O2	049623-71-4	25
4	2-Methyl-2-[2-(2,6,6-trimethyl-3...	248	C16H24O2	1000194-76-9	22
5	Acetonitrile, 2-[2,3-dihydro-2,2...	248	C17H16N2	144498-83-9	22





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Acq On : 11 Sep 2015 00:37
Operator : UM/IZ
Sample : G3511-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05(0-0.16)

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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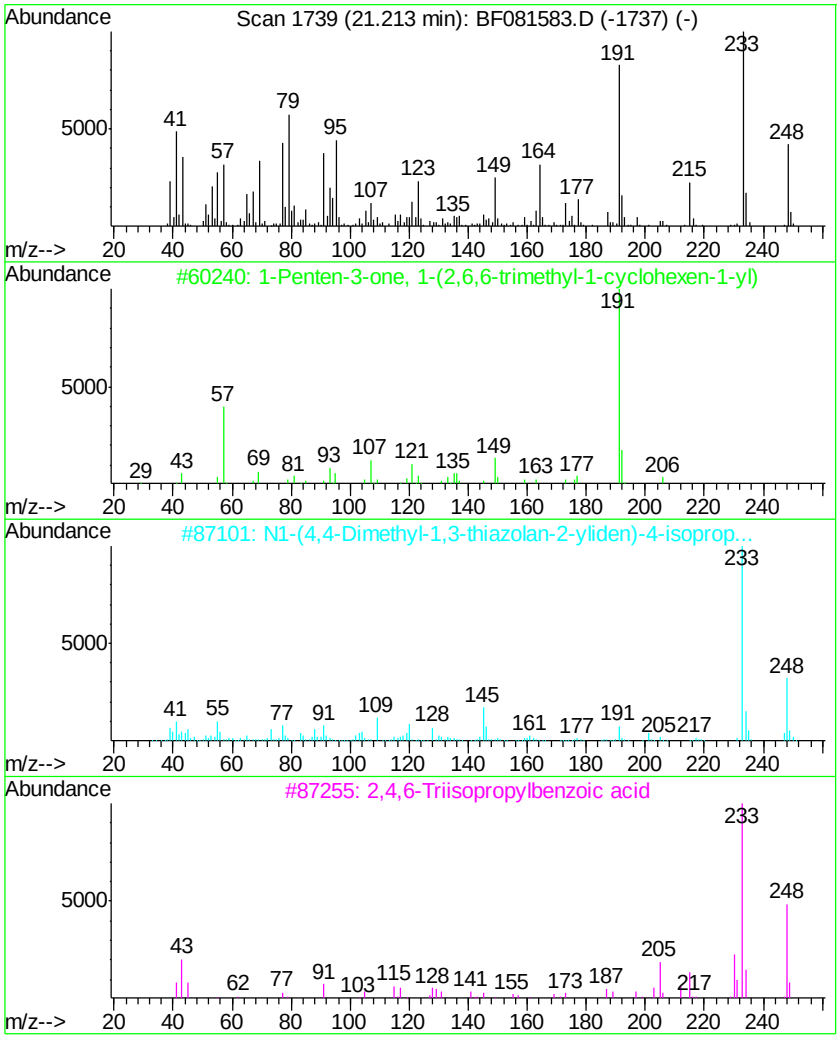
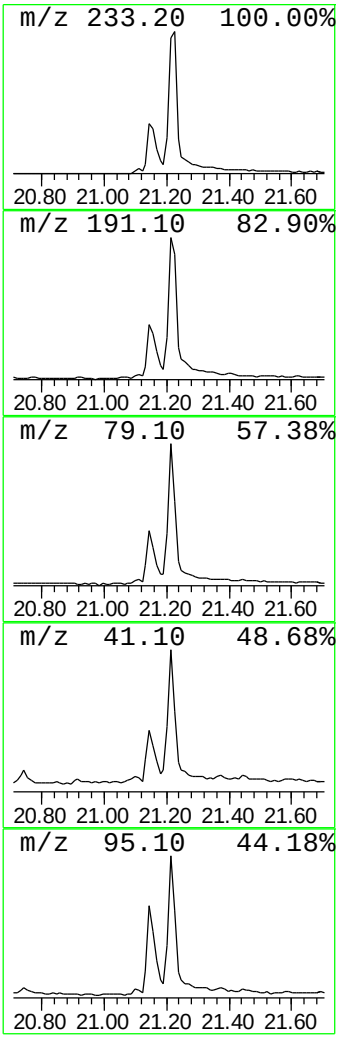
Peak Number 9 unknown21.21 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.21	95.16 ng	1277940	Chrysene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	35
2	N1-(4,4-Dimethyl-1,3-thiazolan-2...	248	C14H20N2S	284665-76-5	30
3	2,4,6-Triisopropylbenzoic acid	248	C16H24O2	049623-71-4	27
4	Acetonitrile, 2-[2,3-dihydro-2,2...	248	C17H16N2	144498-83-9	27
5	3,5-di-tert-Butyl-4-hydroxyaceto...	248	C16H24O2	014035-33-7	22





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Sample : G3511-17
Misc :
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Instrument : BNA_F
ClientSampleId : SB-05(0-0.16)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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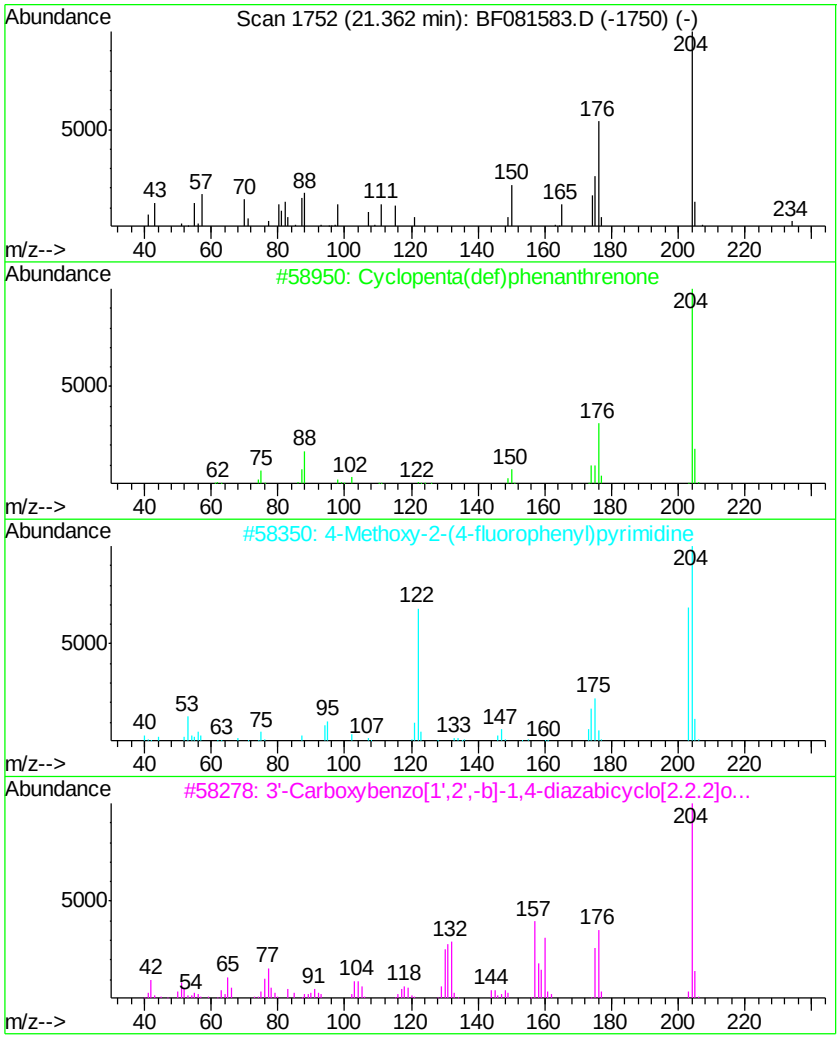
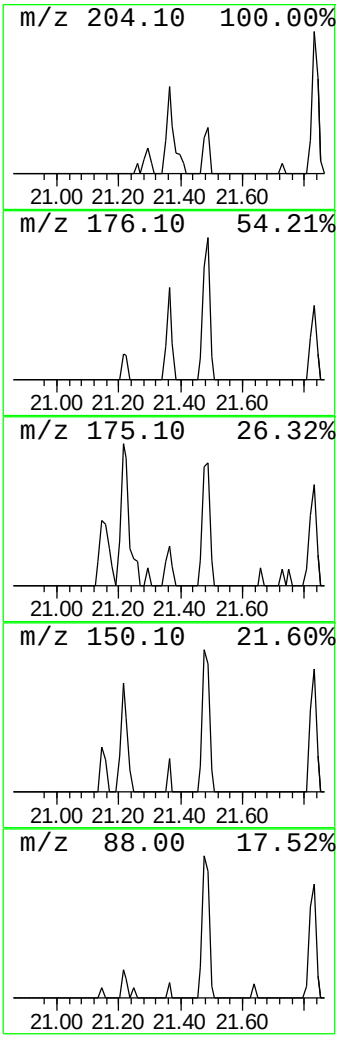
Peak Number 10 unknown21.36 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	7.96 ng	106882	Chrysene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	47
2	4-Methoxy-2-(4-fluorophenyl)pyri...	204	C11H9FN2O	076128-75-1	43
3	3'-Carboxybenzo[1',2',-b]-1,4-di...	204	C11H12N2O2	138023-41-3	38
4	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	38
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	25





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Sample : G3511-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-05(0-0.16)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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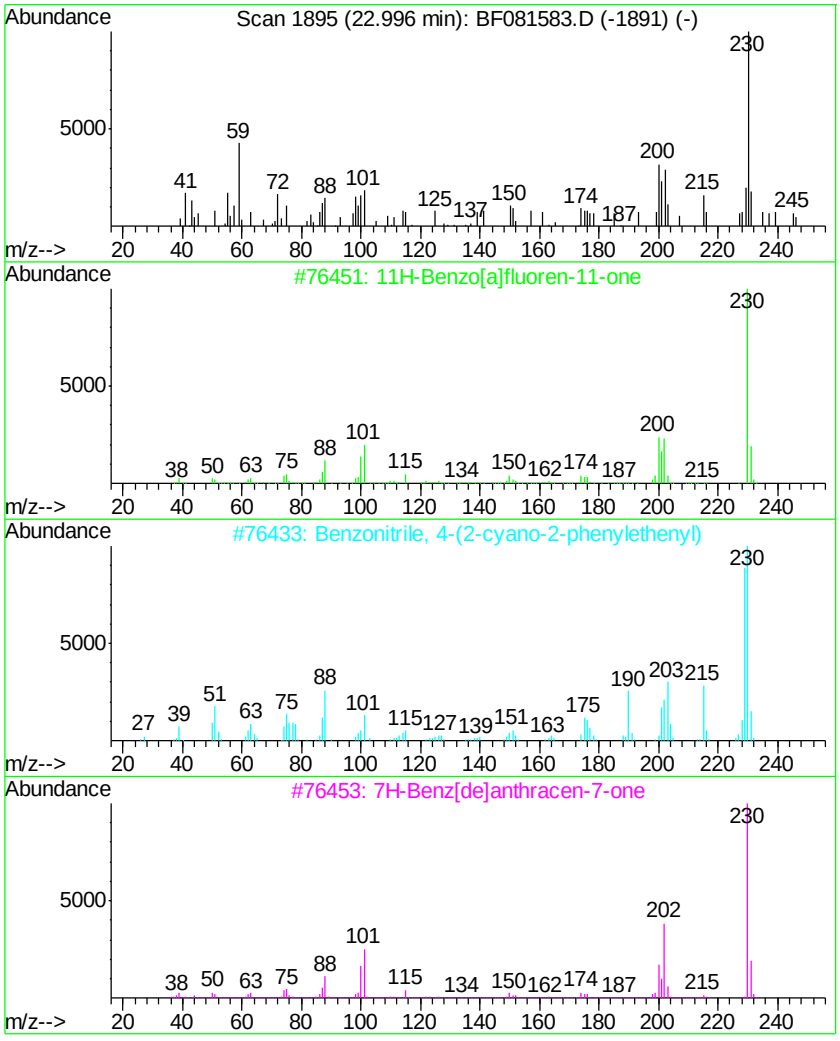
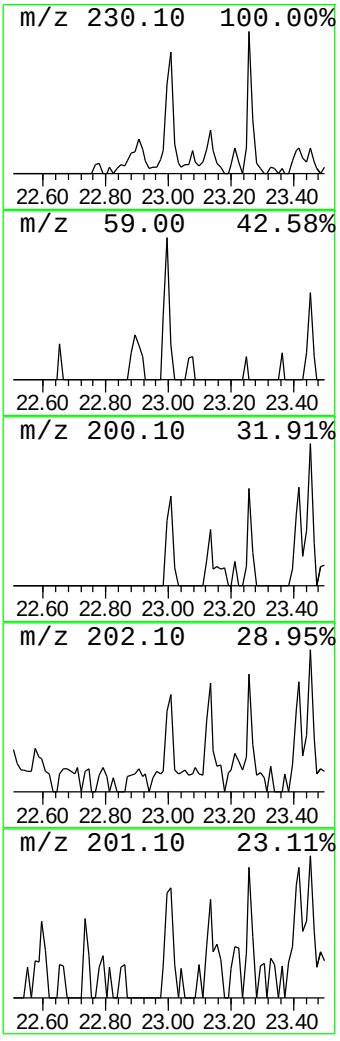
Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.00	5.76 ng	77290	Chrysene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	78
2	Benzonitrile, 4-(2-cyano-2-pheny...	230	C16H10N2	061469-58-7	46
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	43
4	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	43
5	Visnagin	230	C13H10O4	000082-57-5	43





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Operator : UM/IZ
Sample : G3511-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-05(0-0.16)

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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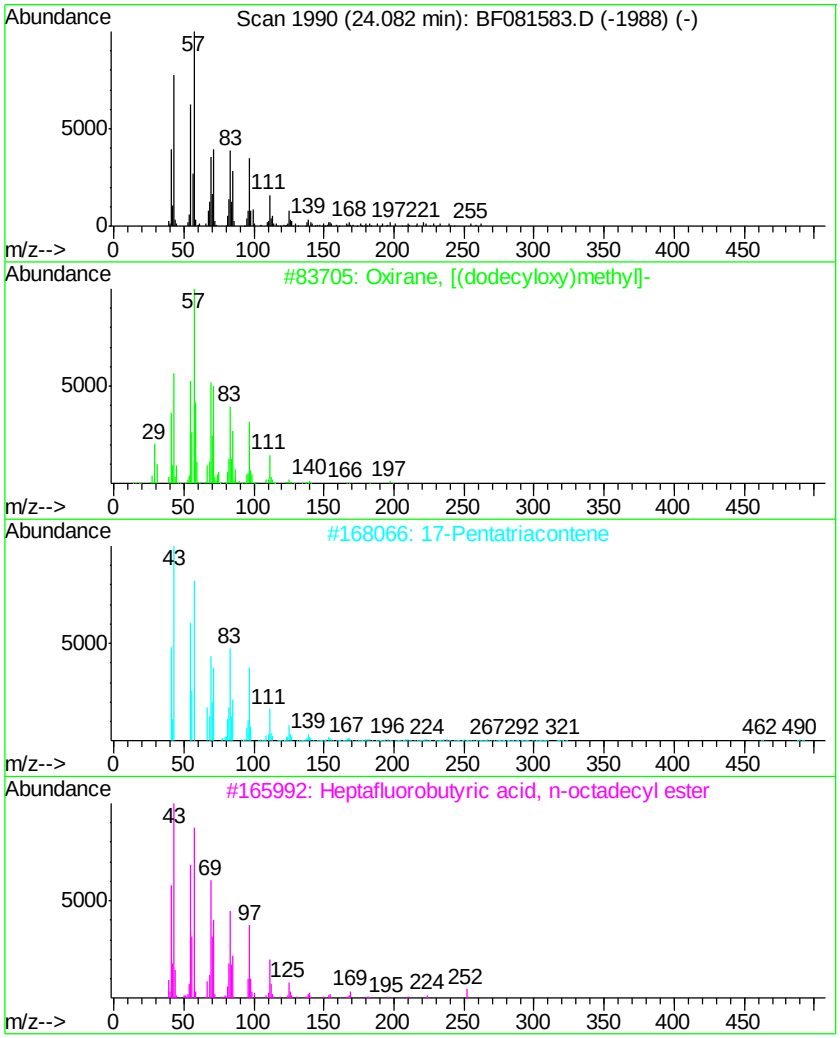
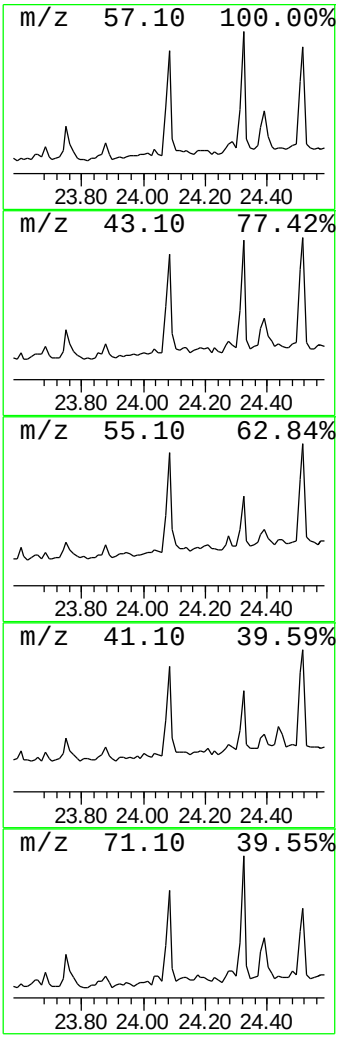
Peak Number 12 Oxirane, [(dodecyloxy)methyl]- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	17.49 ng	234897	Chrysene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	86
2	17-Pentatriacontene	491	C35H70	006971-40-0	83
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	80
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	76
5	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	74





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Acq On : 11 Sep 2015 00:37
Operator : UM/IZ
Sample : G3511-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05(0-0.16)

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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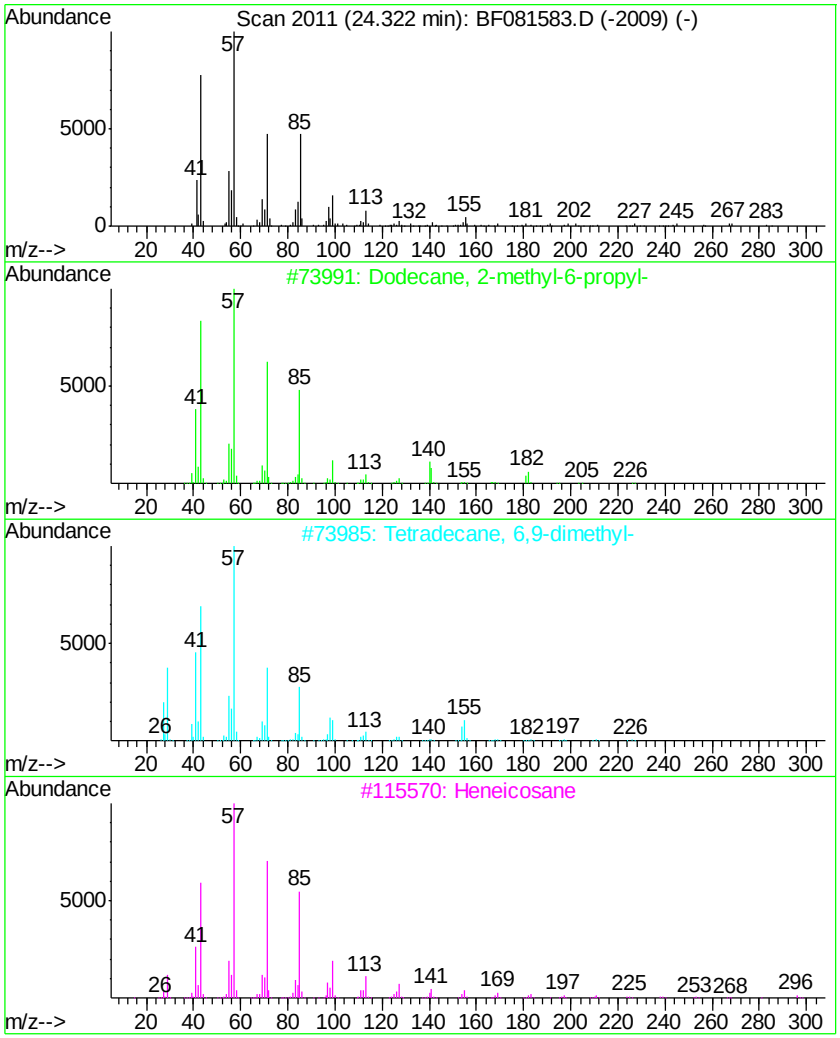
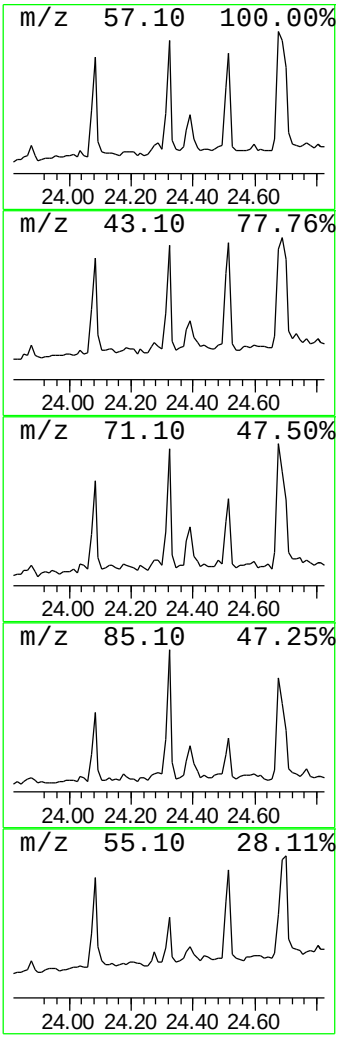
Peak Number 13 Dodecane, 2-methyl-6-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.32	9.62 ng	163119	Perylene-d12	24.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	81
2	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	78
3	Heneicosane	296	C21H44	000629-94-7	78
4	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	64
5	Nonadecane	268	C19H40	000629-92-5	60





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Acq On : 11 Sep 2015 00:37
Operator : UM/IZ
Sample : G3511-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05(0-0.16)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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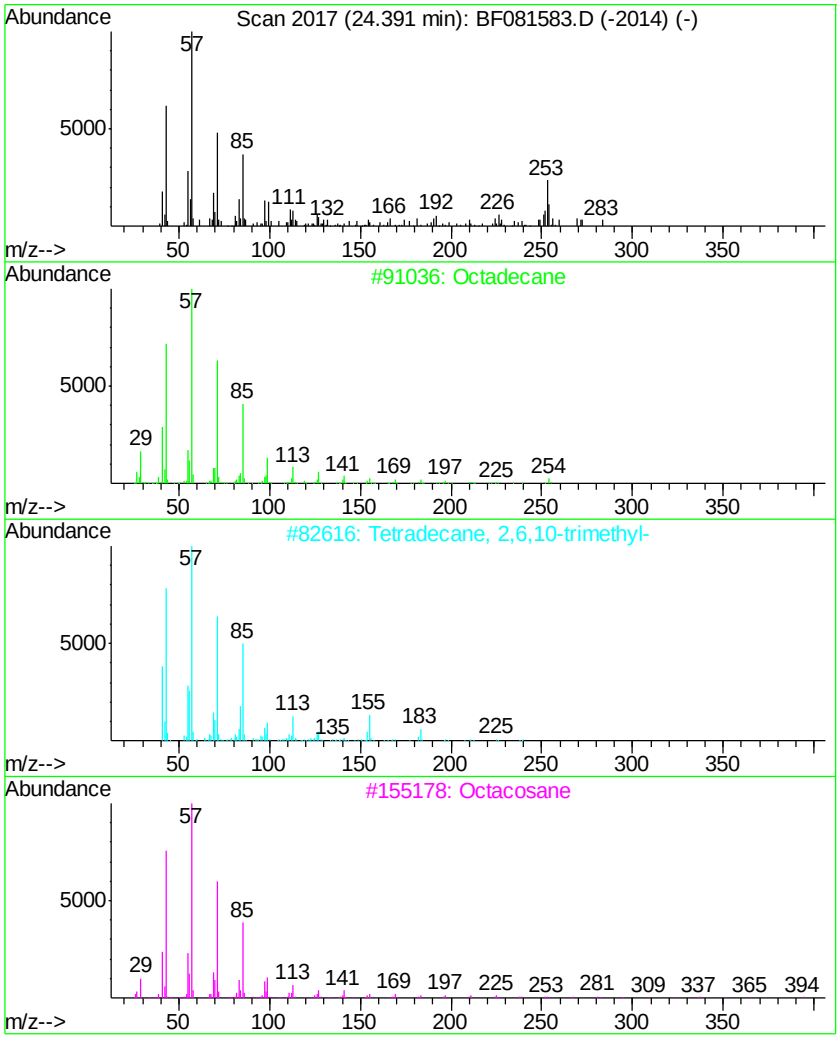
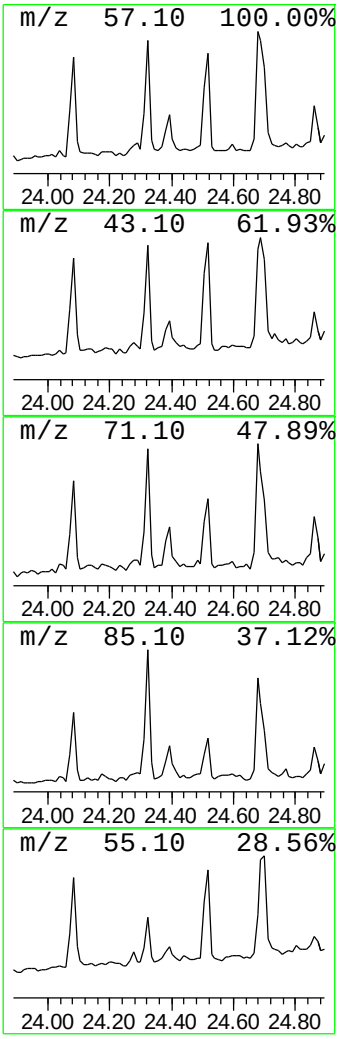
Peak Number 14 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.39	7.22 ng	122372	Perylene-d12	24.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	60
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	50
3	Octacosane	394	C28H58	000630-02-4	49
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	49
5	Hexatriacontane	507	C36H74	000630-06-8	49





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Sample : G3511-17
Misc :
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Instrument : BNA_F
ClientSampleId : SB-05(0-0.16)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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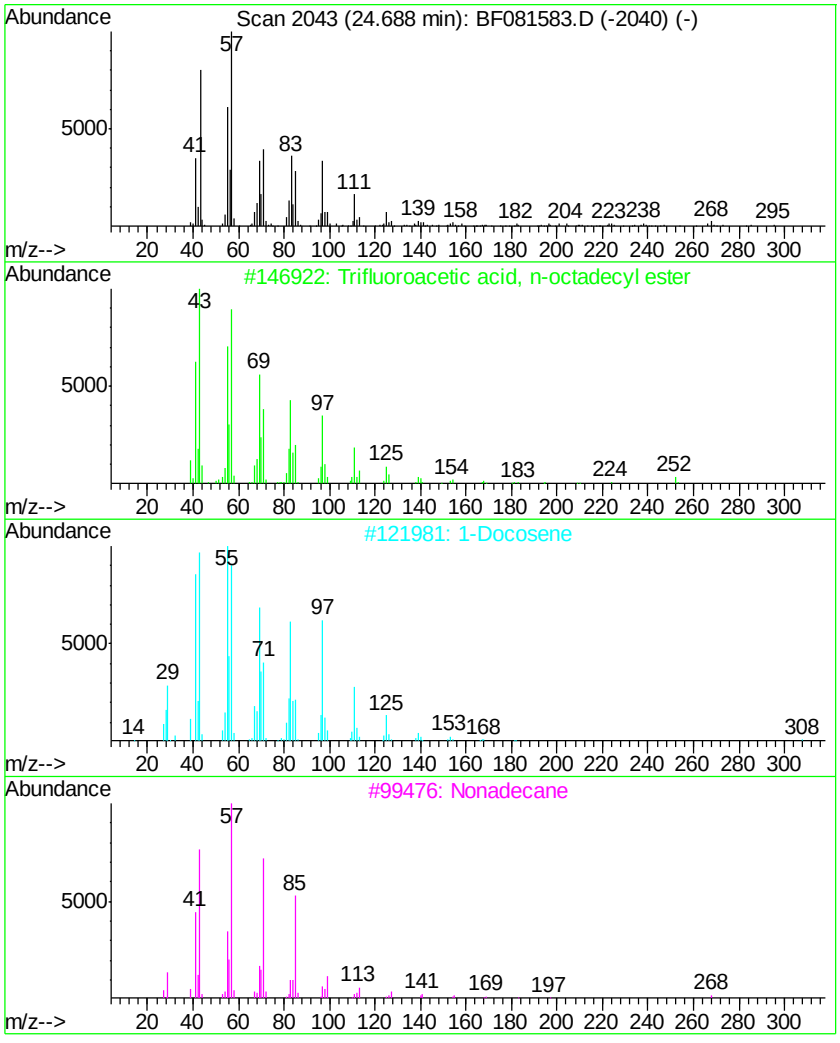
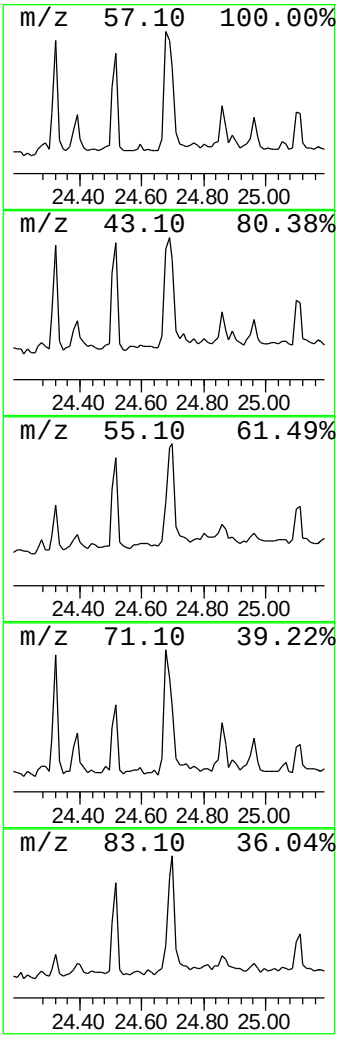
Peak Number 15 Trifluoroacetic acid, n-oct... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.69	26.60 ng	450964	Perylene-d12	24.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	80
2	1-Docosene	308	C22H44	001599-67-3	64
3	Nonadecane	268	C19H40	000629-92-5	60
4	E-14-Hexadecenal	238	C16H30O	330207-53-9	55
5	Z-5-Nonadecene	266	C19H38	1000131-11-8	50





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Sample : G3511-17
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Instrument : BNA_F
ClientSampleId : SB-05(0-0.16)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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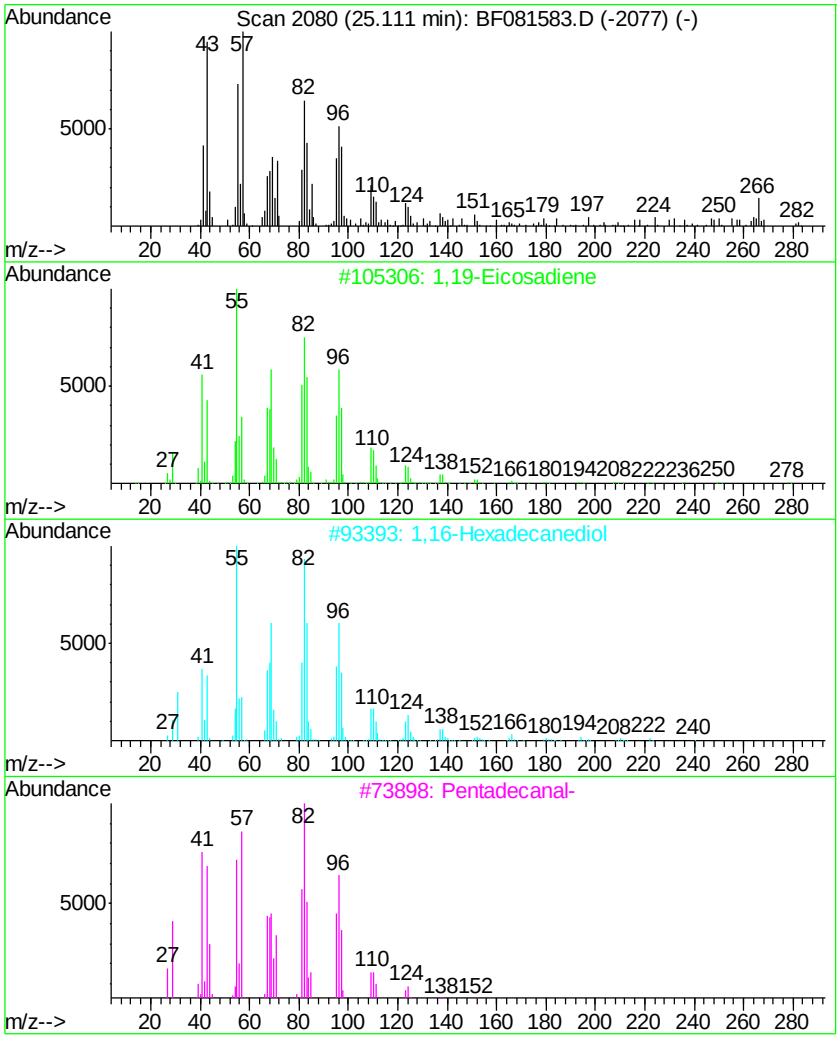
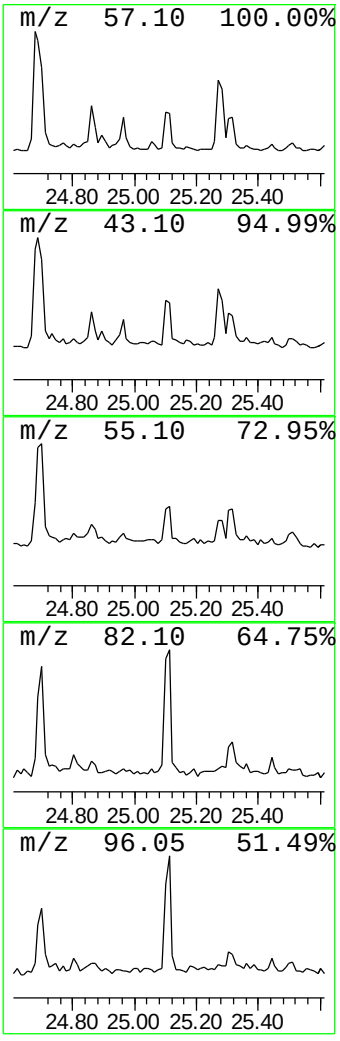
Peak Number 16 1,19-Eicosadiene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.11	10.09 ng	171002	Perylene-d12	24.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	74
2	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	70
3	Pentadecanal-	226	C15H30O	002765-11-9	64
4	Oleyl Alcohol	268	C18H36O	000143-28-2	64
5	(S)(+)-Z-13-Methyl-11-pentadecen...	282	C18H34O2	1000130-84-8	55





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

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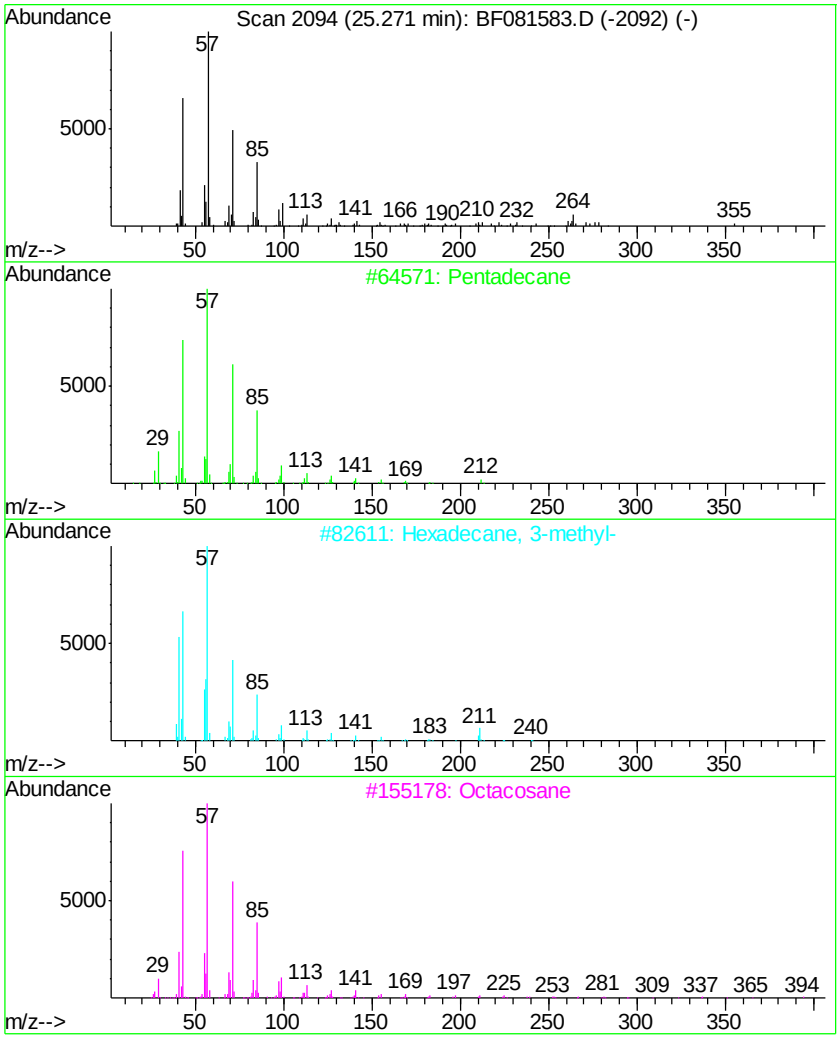
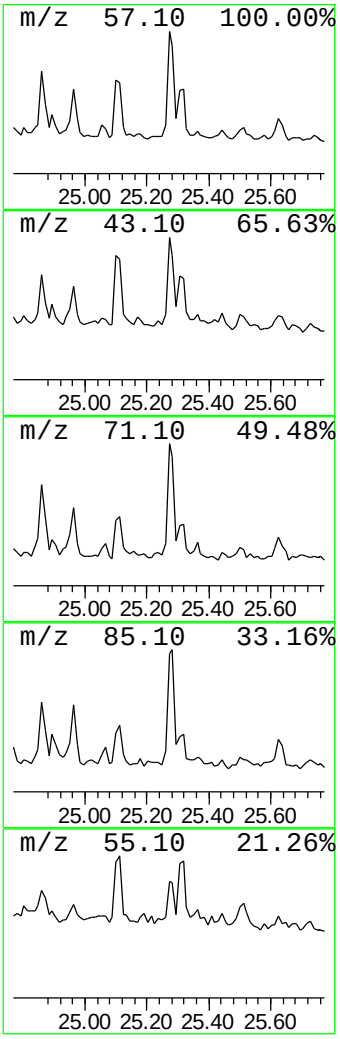
Peak Number 17 Pentadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.27	7.05 ng	119569	Perylene-d12	24.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	81
3	Octacosane	394	C28H58	000630-02-4	74
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	74
5	Dodecane	170	C12H26	000112-40-3	72





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

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

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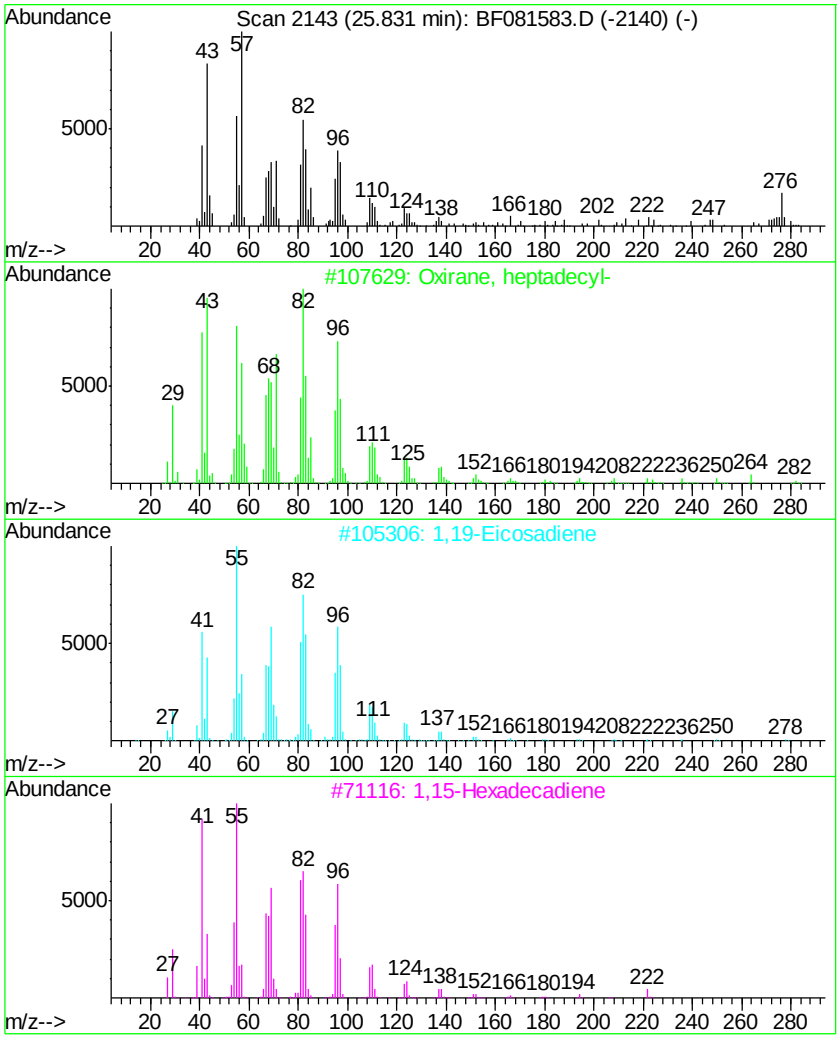
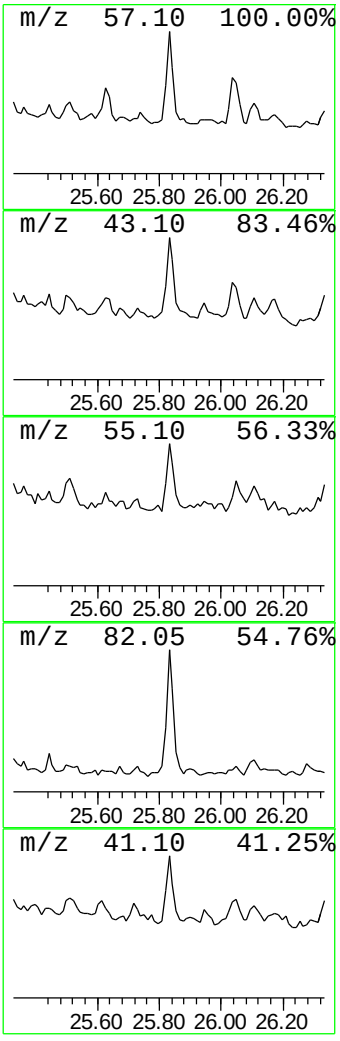
Peak Number 18 Oxirane, heptadecyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.83	10.08 ng	170929	Perylene-d12	24.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
2	1,19-Eicosadiene	278	C20H38	014811-95-1	81
3	1,15-Hexadecadiene	222	C16H30	021964-51-2	78
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	74
5	Octadecanal	268	C18H36O	000638-66-4	64





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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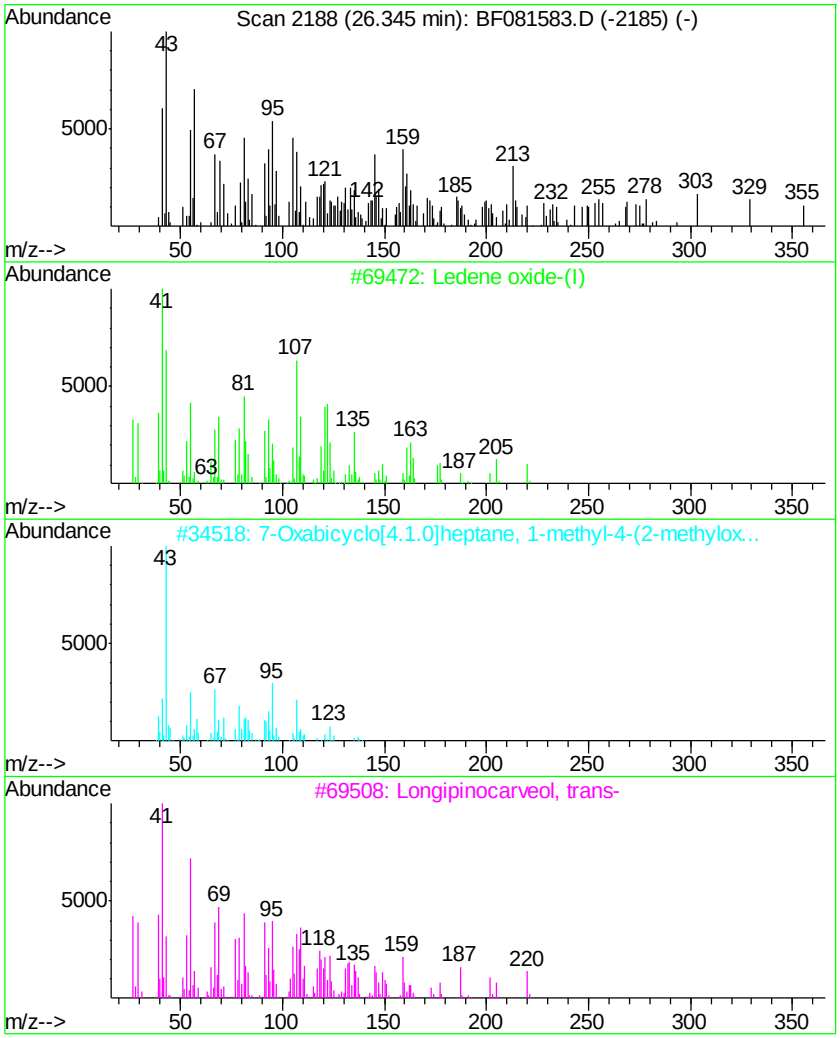
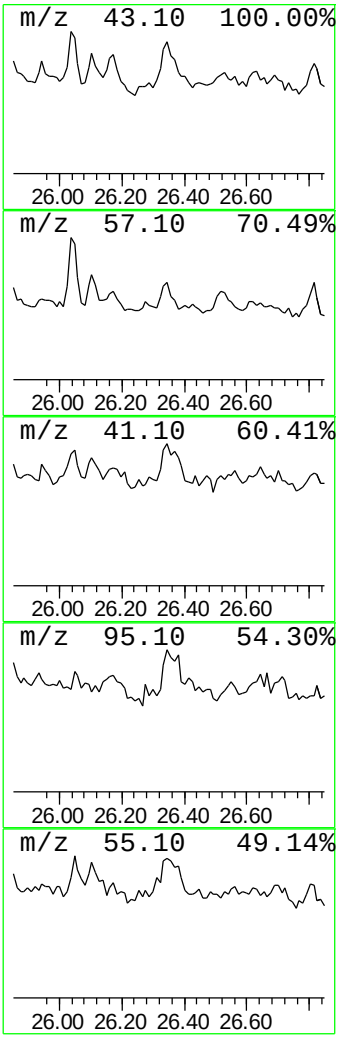
Peak Number 19 unknown26.35 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.35	6.68 ng	113267	Perylene-d12	24.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ledene oxide-(I)	220	C15H24O	1000151-93-3	45
2	7-Oxabicyclo[4.1.0]heptane, 1-me...	168	C10H16O2	000096-08-2	27
3	Longipinocarveol, trans-	220	C15H24O	1000159-36-5	25
4	2,3-Di(2,2-dimethylethyl)thiophe...	228	C12H20O2S	128788-12-5	15
5	Aciphyllyl alcohol	220	C15H24O	087745-29-7	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081583.D
Acq On : 11 Sep 2015 00:37
Operator : UM/IZ
Sample : G3511-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05(0-0.16)

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

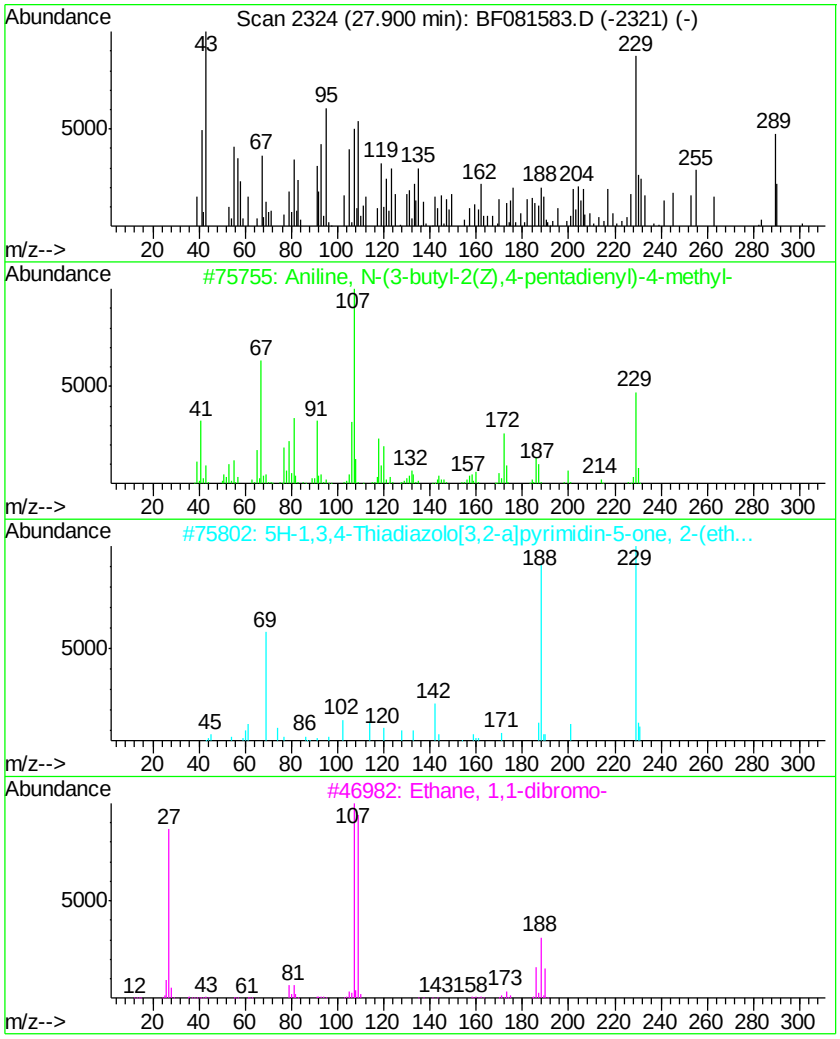
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

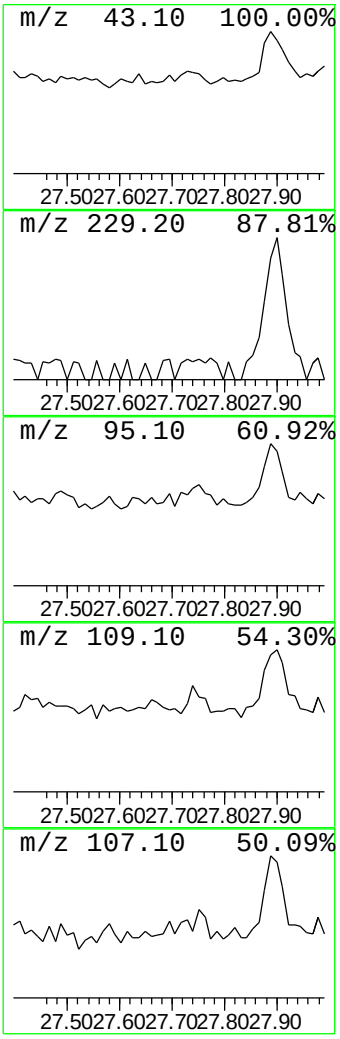
****

Peak Number 20 unknown27.90 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.90	6.18 ng	104852	Perylene-d12	24.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aniline, N-(3-butyl-2(Z),4-penta...	229	C16H23N	1000142-27-7	27
2	5H-1,3,4-Thiadiazolo[3,2-a]pyrim...	229	C7H7N3O2S2	069395-57-9	18
3	Ethane, 1,1-dibromo-	186	C2H4Br2	000557-91-5	14
4	Pyrazole-3,5-dimethyl-1-(3,4-dim...	229	C13H15N3O	1000272-59-7	11
5	.beta.-Humulene	204	C15H24	000116-04-1	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081583.D
Acq On : 11 Sep 2015 00:37
Operator : UM/IZ
Sample : G3511-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05(0-0.16)

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...	4.59	57.3	ng	1185000	1	8.27	413930	20.0
unknown7.81	7.81	89.0	ng	1841580	1	8.27	413930	20.0
Dehydro-cohumulin...	20.39	44.6	ng	724725	4	18.82	324835	20.0
Z-8-Methyl-9-tetr...	20.48	12.7	ng	205504	4	18.82	324835	20.0
n-Hexadecanoic acid	20.58	22.6	ng	367776	4	18.82	324835	20.0
3-Cyclopenten-1-o...	21.14	40.5	ng	544582	5	23.43	268576	20.0
unknown21.21	21.21	95.2	ng	1277940	5	23.43	268576	20.0
unknown21.36	21.36	8.0	ng	106882	5	23.43	268576	20.0
11H-Benzo[a]fluor...	23.00	5.8	ng	77290	5	23.43	268576	20.0
Oxirane, [(dodecy...	24.08	17.5	ng	234897	5	23.43	268576	20.0
Dodecane, 2-methy...	24.32	9.6	ng	163119	6	24.86	339055	20.0
Octadecane	24.39	7.2	ng	122372	6	24.86	339055	20.0
Trifluoroacetic a...	24.69	26.6	ng	450964	6	24.86	339055	20.0
1,19-Eicosadiene	25.11	10.1	ng	171002	6	24.86	339055	20.0
Pentadecane	25.27	7.0	ng	119569	6	24.86	339055	20.0
Oxirane, heptadecyl-	25.83	10.1	ng	170929	6	24.86	339055	20.0
unknown26.35	26.35	6.7	ng	113267	6	24.86	339055	20.0
unknown27.90	27.90	6.2	ng	104852	6	24.86	339055	20.0