LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081577.D
Acq On : 10 Sep 2015 20:57
Operator : UM/IZ
Sample : G3590-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TYB3(1.5-2)

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	17	rBV	63511	179355	11.64%	0.848%
2	1.554	17	19	48	rVB	493076	1541095	100.00%	7.283%
3	3.463	183	186	191	rVB	10204	25578	1.66%	0.121%
4	4.571	278	283	299	rBV	298269	812730	52.74%	3.841%
5	5.429	355	358	371	rBV	804693	1470557	95.42%	6.950%
6	6.034	408	411	419	rVB	6182	16030	1.04%	0.076%
7	7.703	553	557	561	rBV	780869	1476786	95.83%	6.979%
8	7.783	561	564	569	rVB	835386	1511512	98.08%	7.143%
9	8.263	602	606	610	rVB	211454	327965	21.28%	1.550%
10	8.595	630	635	638	rBV	667753	1139363	73.93%	5.384%
11	9.566	715	720	723	rBV	539814	960432	62.32%	4.539%
12	10.618	808	812	816	rVB2	8629	15794	1.02%	0.075%
13	11.166	856	860	863	rBV	227867	393238	25.52%	1.858%
14	11.509	887	890	895	rVB	18419	31095	2.02%	0.147%
15	13.807	1087	1091	1094	rBV	894364	1527687	99.13%	7.220%
16	14.870	1180	1184	1188	rBV	147719	234223	15.20%	1.107%
17	15.292	1218	1221	1225	rBV	201223	361411	23.45%	1.708%
18	16.230	1300	1303	1309	rBV3	8959	21994	1.43%	0.104%
19	16.698	1342	1344	1347	rVB2	21152	33252	2.16%	0.157%
20	17.201	1384	1388	1391	rBV	436180	741704	48.13%	3.505%
21	17.373	1400	1403	1410	rVB4	11233	37116	2.41%	0.175%
22	17.498	1410	1414	1416	rBV3	7898	16471	1.07%	0.078%
23	17.761	1434	1437	1440	rBV	51359	84856	5.51%	0.401%
24	17.876	1440	1447	1452	rVV	130710	289067	18.76%	1.366%
25	17.967	1452	1455	1457	rVV	133332	251608	16.33%	1.189%
26	18.013	1457	1459	1461	rVV	87879	156489	10.15%	0.740%
27	18.070	1461	1464	1468	rVV2	91171	211772	13.74%	1.001%
28	18.150	1468	1471	1472	rVV	18399	37559	2.44%	0.177%
29	18.184	1472	1474	1476	rVV2	51874	108842	7.06%	0.514%
30	18.287	1480	1483	1489	rVV2	84803	243865	15.82%	1.152%
31	18.390	1489	1492	1496	rVV	115200	223057	14.47%	1.054%
32	18.481	1496	1500	1510	rVB2	80370	206795	13.42%	0.977%
33	18.721	1519	1521	1525	rVV5	7155	20299	1.32%	0.096%
34	18.801	1525	1528	1531	rVV	179154	339686	22.04%	1.605%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081577.D
Acq On : 10 Sep 2015 20:57
Operator : UM/IZ
Sample : G3590-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TYB3(1.5-2)

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	18.859	1531	1533	1536	rVV	29613	49718	3.23%	0.235%
36	18.927	1536	1539	1542	rVV2	26835	47951	3.11%	0.227%
37	18.984	1542	1544	1547	rVB	16033	29345	1.90%	0.139%
38	19.304	1569	1572	1574	rBV	26944	44867	2.91%	0.212%
39	19.361	1574	1577	1581	rVB	40097	68768	4.46%	0.325%
40	19.556	1591	1594	1601	rVB4	17340	39207	2.54%	0.185%
41	19.750	1608	1611	1616	rBV4	12246	29862	1.94%	0.141%
42	19.967	1627	1630	1633	rBV2	17333	34679	2.25%	0.164%
43	20.207	1649	1651	1654	rVB	10487	16712	1.08%	0.079%
44	20.459	1670	1673	1677	rBV2	23129	48410	3.14%	0.229%
45	20.584	1679	1684	1694	rVV	275966	646000	41.92%	3.053%
46	20.904	1709	1712	1715	rBV2	15388	30436	1.97%	0.144%
47	21.064	1724	1726	1727	rBV2	12363	18069	1.17%	0.085%
48	21.099	1727	1729	1732	rVB2	26411	48240	3.13%	0.228%
49	21.350	1748	1751	1754	rBV3	15551	31026	2.01%	0.147%
50	21.465	1759	1761	1763	rVV	90131	113668	7.38%	0.537%
51	21.590	1770	1772	1773	rVV	28528	35142	2.28%	0.166%
52	21.625	1773	1775	1779	rVB4	16401	38538	2.50%	0.182%
53	21.819	1789	1792	1800	rVB	145455	290750	18.87%	1.374%
54	21.945	1800	1803	1810	rBV	161684	339108	22.00%	1.603%
55	22.047	1810	1812	1815	rBV	141712	211280	13.71%	0.998%
56	22.150	1818	1821	1823	rBV	853952	1146236	74.38%	5.417%
57	22.527	1852	1854	1855	rBV	28875	50100	3.25%	0.237%
58	22.836	1879	1881	1883	rVB	39142	29218	1.90%	0.138%
59	23.270	1916	1919	1922	rBV	181644	305893	19.85%	1.446%
60	23.385	1926	1929	1930	rBV2	232648	336052	21.81%	1.588%
61	23.419	1930	1932	1934	rVB	190410	232307	15.07%	1.098%
62	23.648	1950	1952	1955	rBV3	63392	91447	5.93%	0.432%
63	24.082	1987	1990	1992	rBV	137891	197582	12.82%	0.934%
64	24.516	2026	2028	2034	rBV2	122305	253865	16.47%	1.200%
65	24.676	2040	2042	2046	rBV2	200499	456061	29.59%	2.155%
66	24.859	2056	2058	2060	rBV	155422	164247	10.66%	0.776%
67	25.271	2092	2094	2096	rBV	159543	248870	16.15%	1.176%
68	26.345	2185	2188	2193	rVB3	90472	204918	13.30%	0.968%
69	27.751	2308	2311	2315	rVB3	75529	182221	11.82%	0.861%

Sum of corrected areas: 21160076

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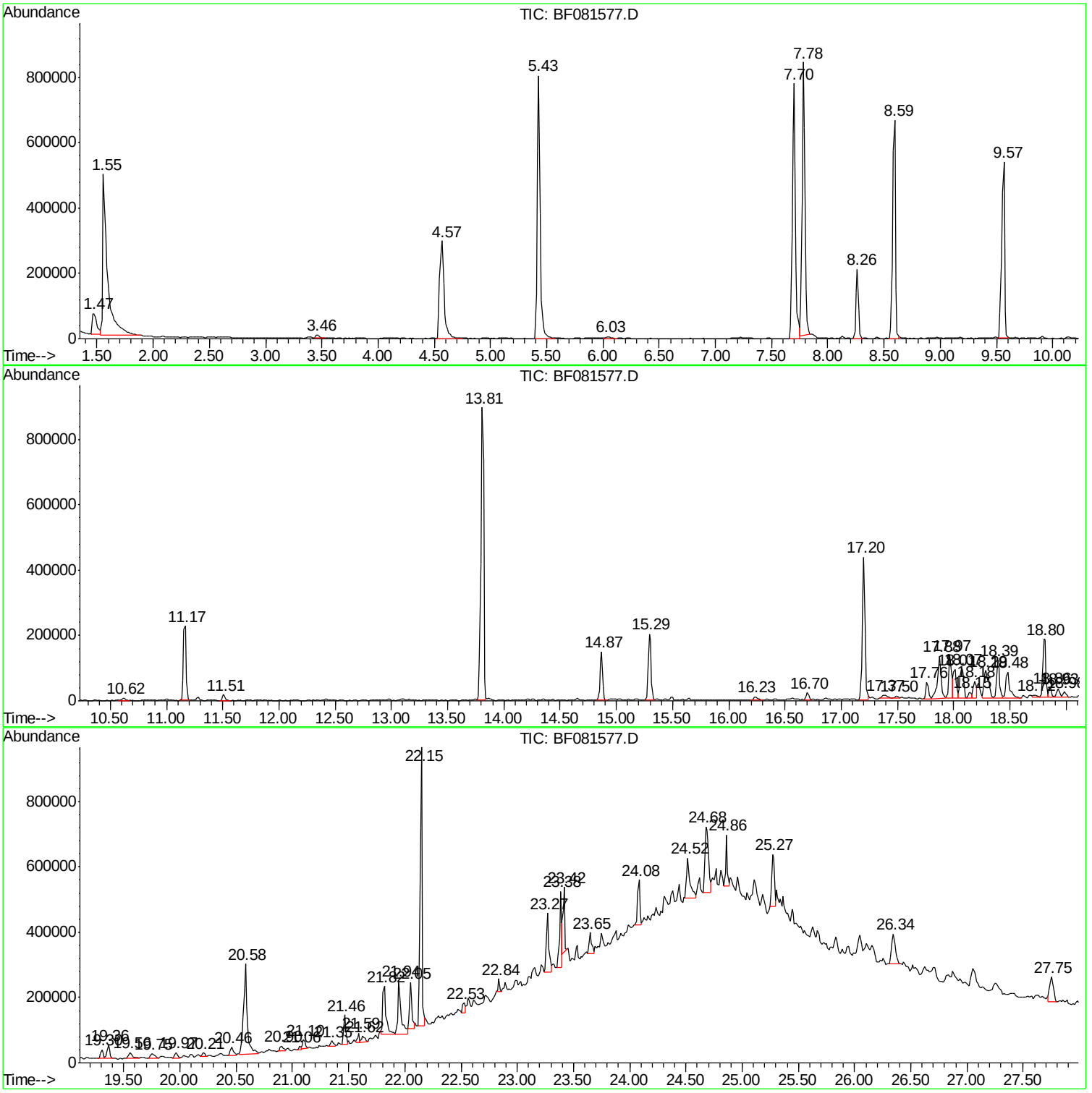
Data File : BF081577.D
Acq On : 10 Sep 2015 20:57
Operator : UM/IZ
Sample : G3590-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TYB3(1.5-2)

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\BF091015\
Data File : BF081577.D
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Sample : G3590-03
Misc :
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Instrument : BNA_F
ClientSampleId : TYB3(1.5-2)

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

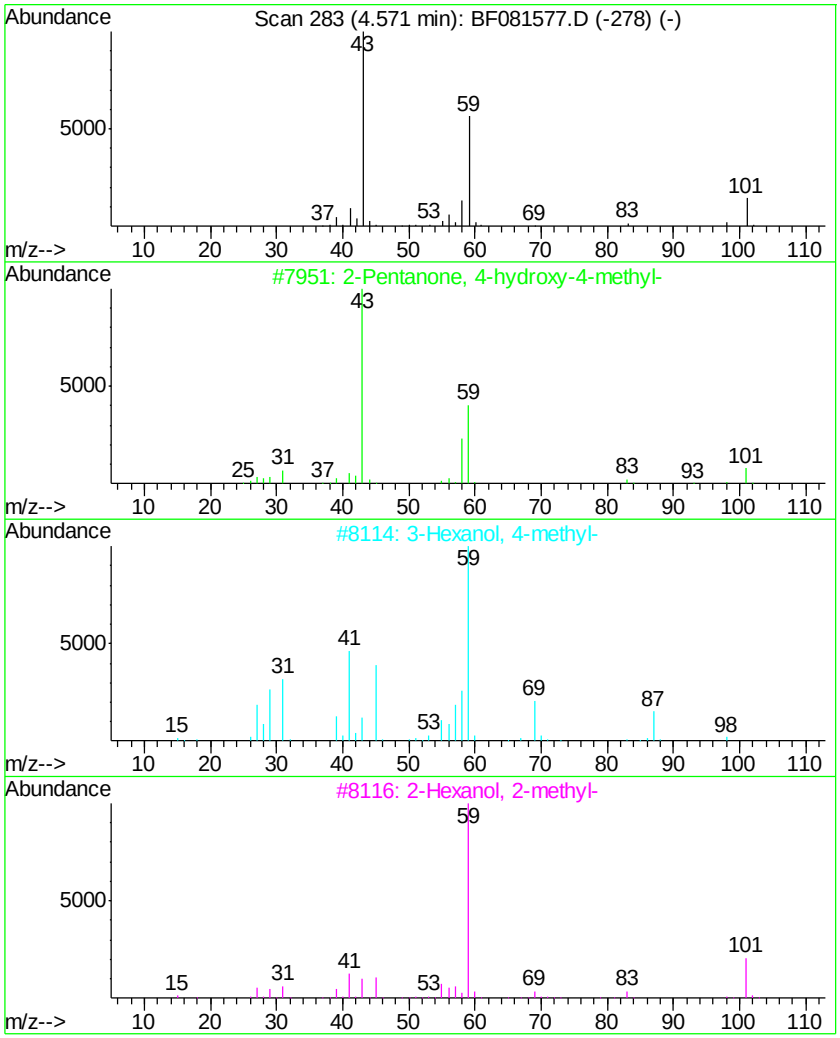
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

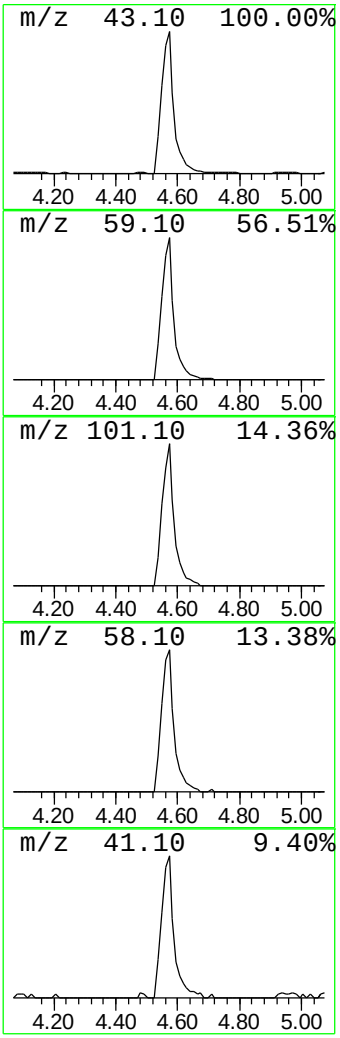
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	49.56 ng	812730	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081577.D
Acq On : 10 Sep 2015 20:57
Operator : UM/IZ
Sample : G3590-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TYB3(1.5-2)

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

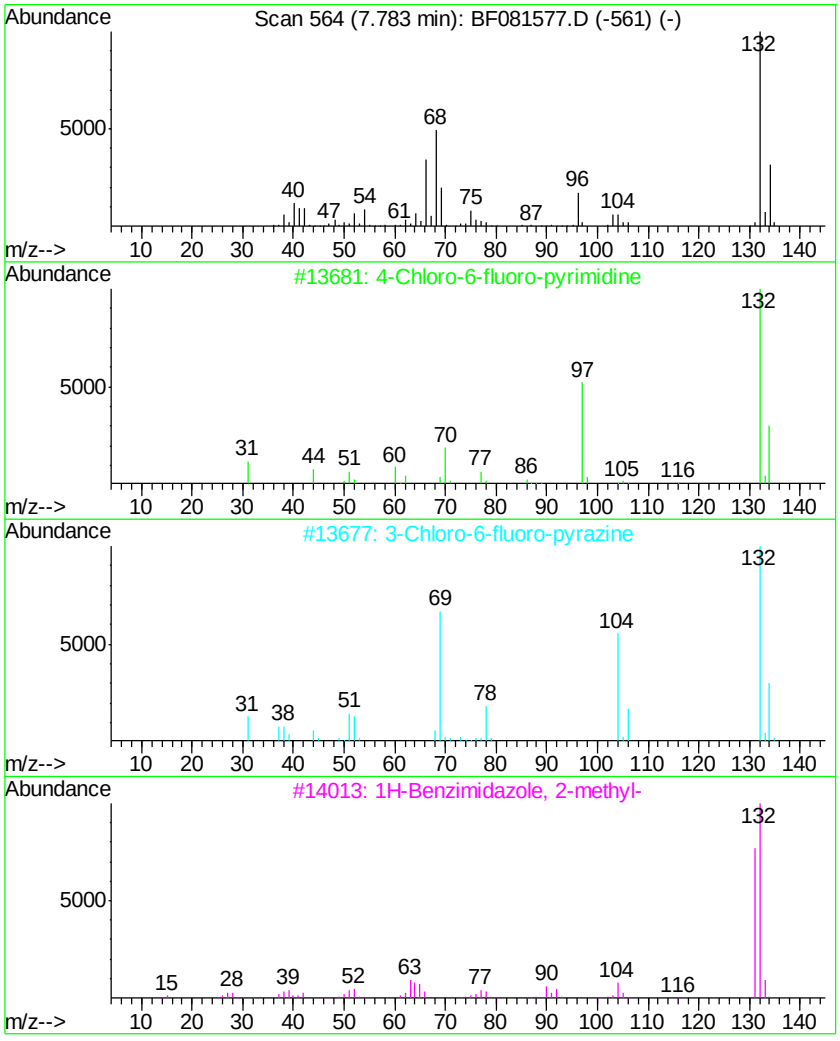
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

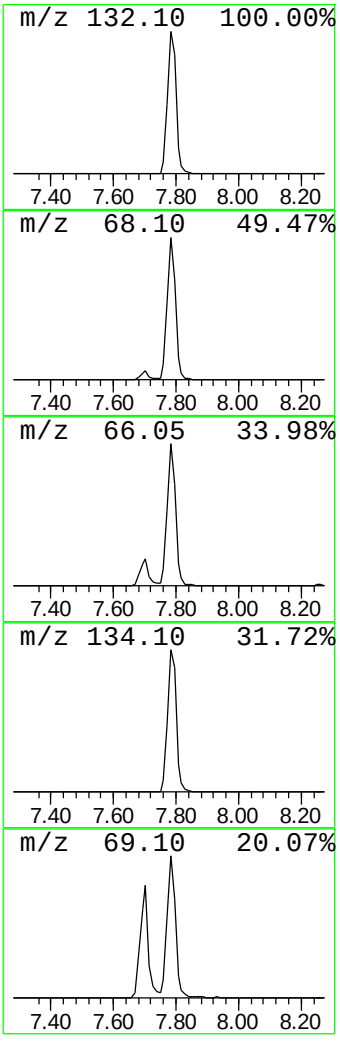
****

Peak Number 4 unknown7.78 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	92.18 ng	1511510	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081577.D
Acq On : 10 Sep 2015 20:57
Operator : UM/IZ
Sample : G3590-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TYB3(1.5-2)

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

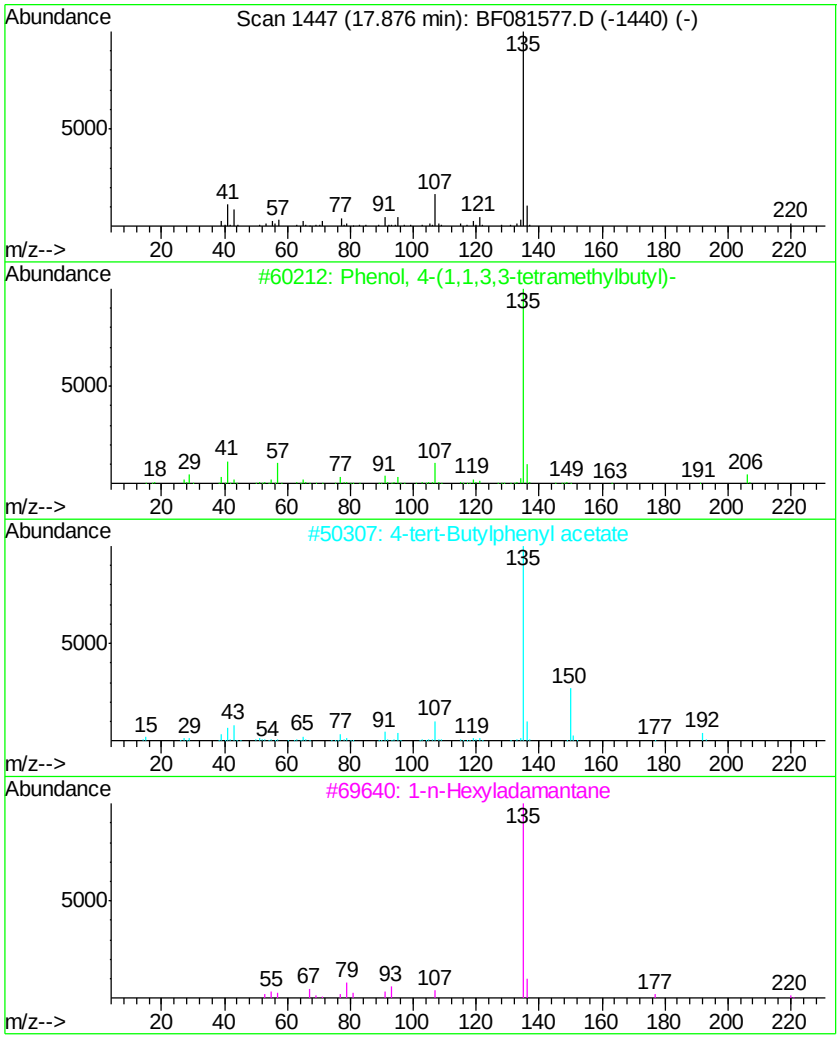
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

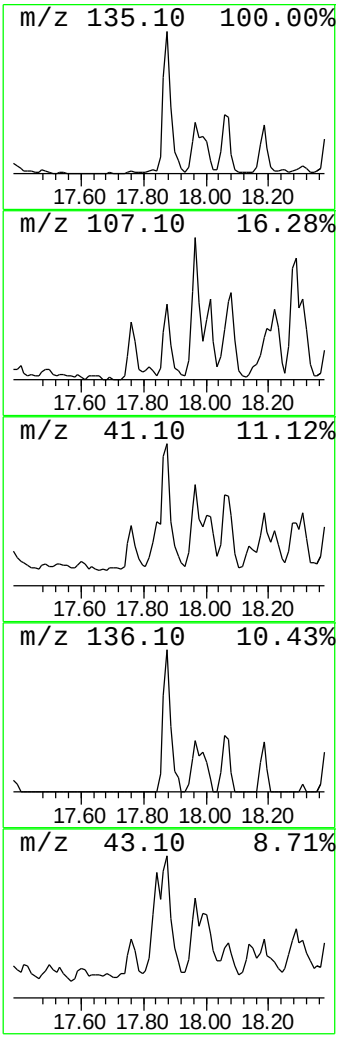
****

Peak Number 6 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	17.02 ng	289067	Phenanthrene-d10	18.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	72
3	1-n-Hexyladamantane	220	C16H28	022458-75-9	59
4	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	56
5	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	56





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081577.D
Acq On : 10 Sep 2015 20:57
Operator : UM/IZ
Sample : G3590-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TYB3(1.5-2)

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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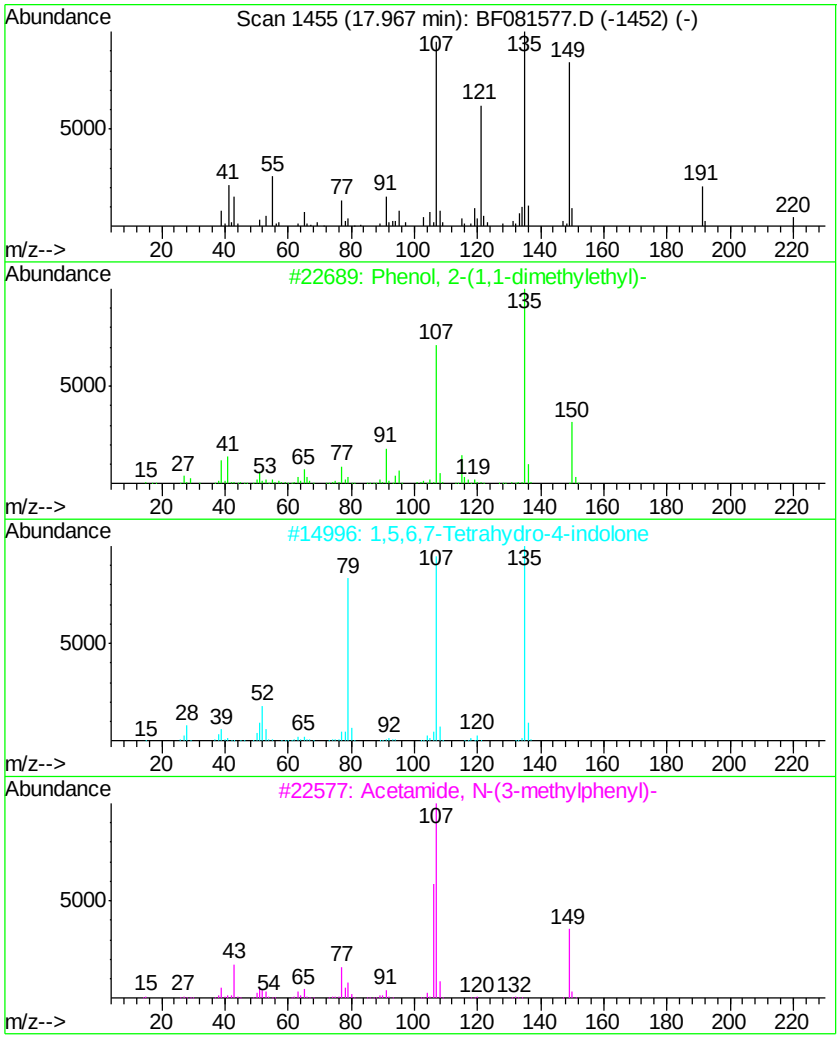
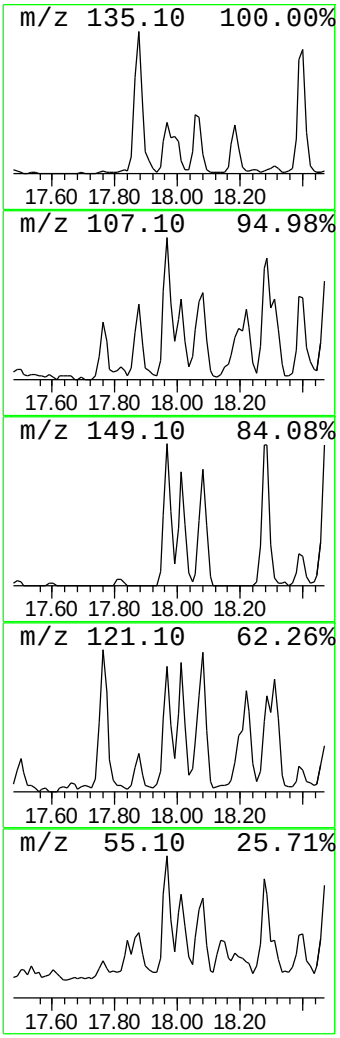
Peak Number 7 unknown17.97 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	14.81 ng	251608	Phenanthrene-d10	18.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	49
2	1,5,6,7-Tetrahydro-4-indolone	135	C8H9NO	013754-86-4	46
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	30
4	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	30
5	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
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Acq On : 10 Sep 2015 20:57
Operator : UM/IZ
Sample : G3590-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TYB3(1.5-2)

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

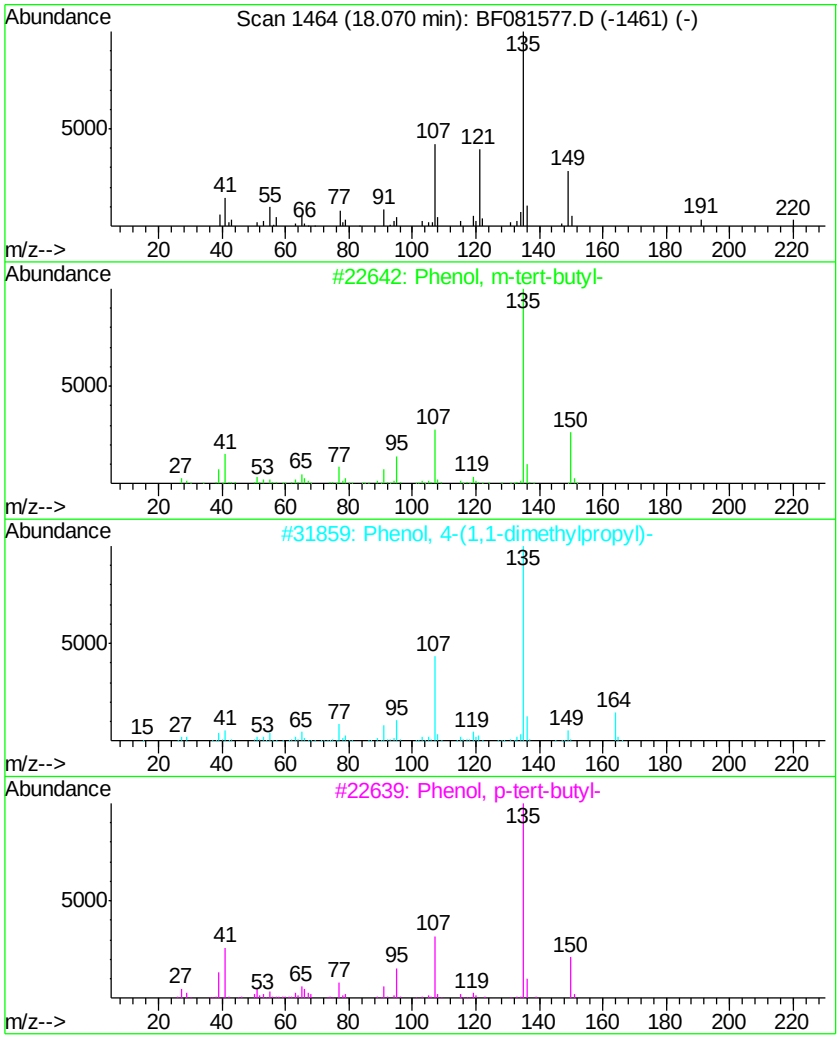
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

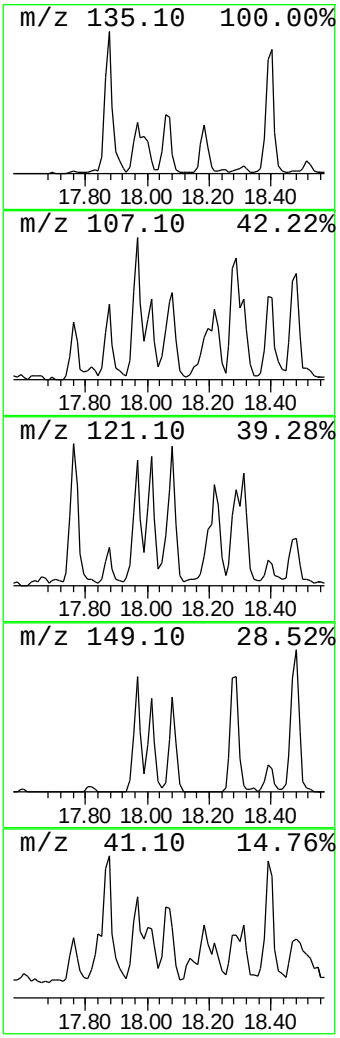
****

Peak Number 8 Phenol, m-tert-butyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	12.47 ng	211772	Phenanthrene-d10	18.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	64
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	53
4	Hexestrol	270	C18H22O2	005635-50-7	53
5	Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	42





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Data File : BF081577.D
Acq On : 10 Sep 2015 20:57
Operator : UM/IZ
Sample : G3590-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TYB3(1.5-2)

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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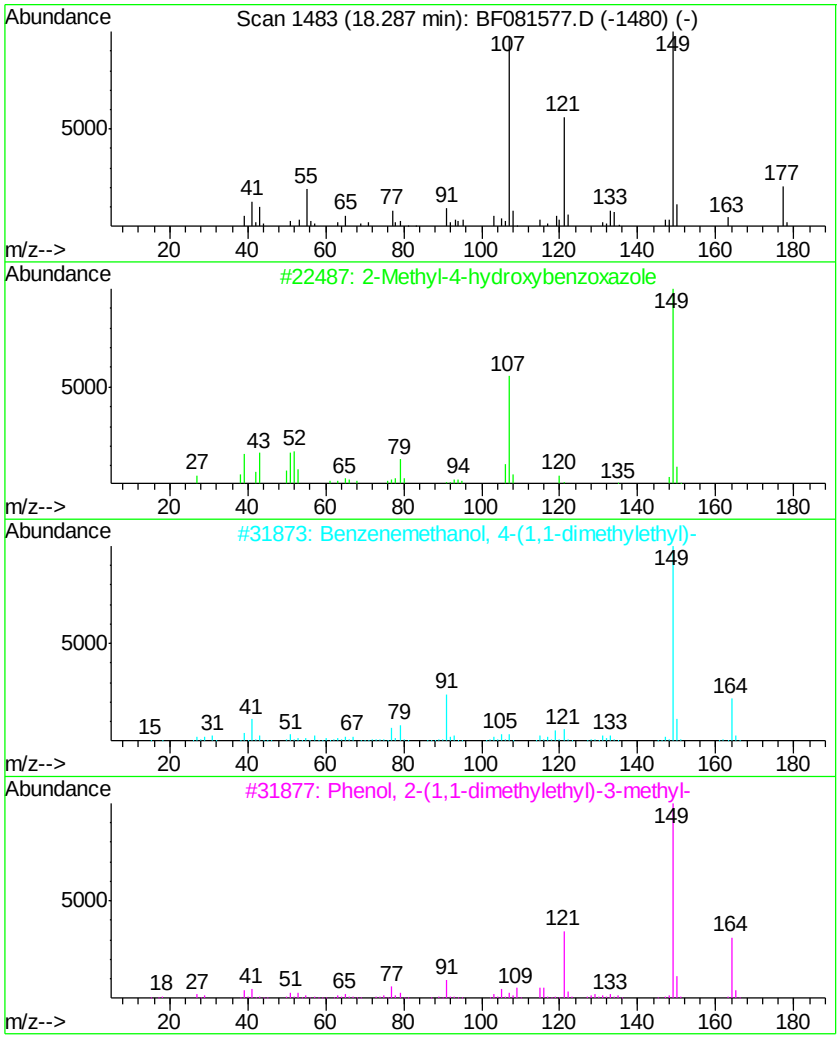
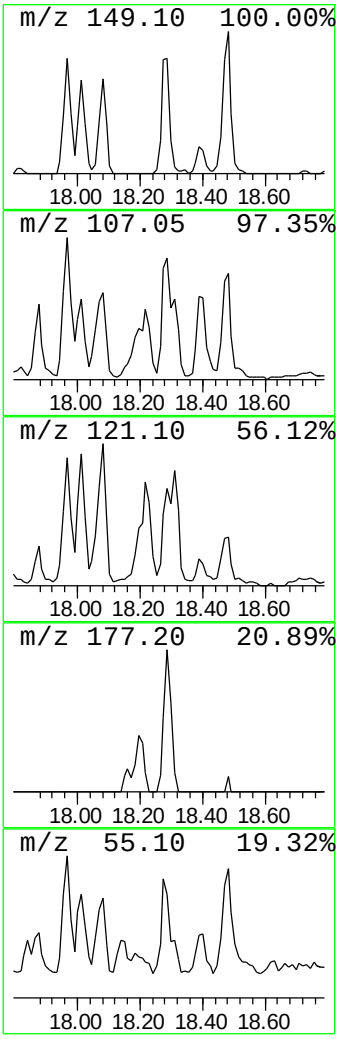
Peak Number 9 unknown18.29 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	14.36 ng	243865	Phenanthrene-d10	18.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	37
2	Benzenemethanol, 4-(1,1-dimethyl...	164	C11H16O	000877-65-6	35
3	Phenol, 2-(1,1-dimethylethyl)-3-...	164	C11H16O	013037-79-1	35
4	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	35
5	Diethyl Phthalate	222	C12H14O4	000084-66-2	32





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081577.D
Acq On : 10 Sep 2015 20:57
Operator : UM/IZ
Sample : G3590-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TYB3(1.5-2)

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

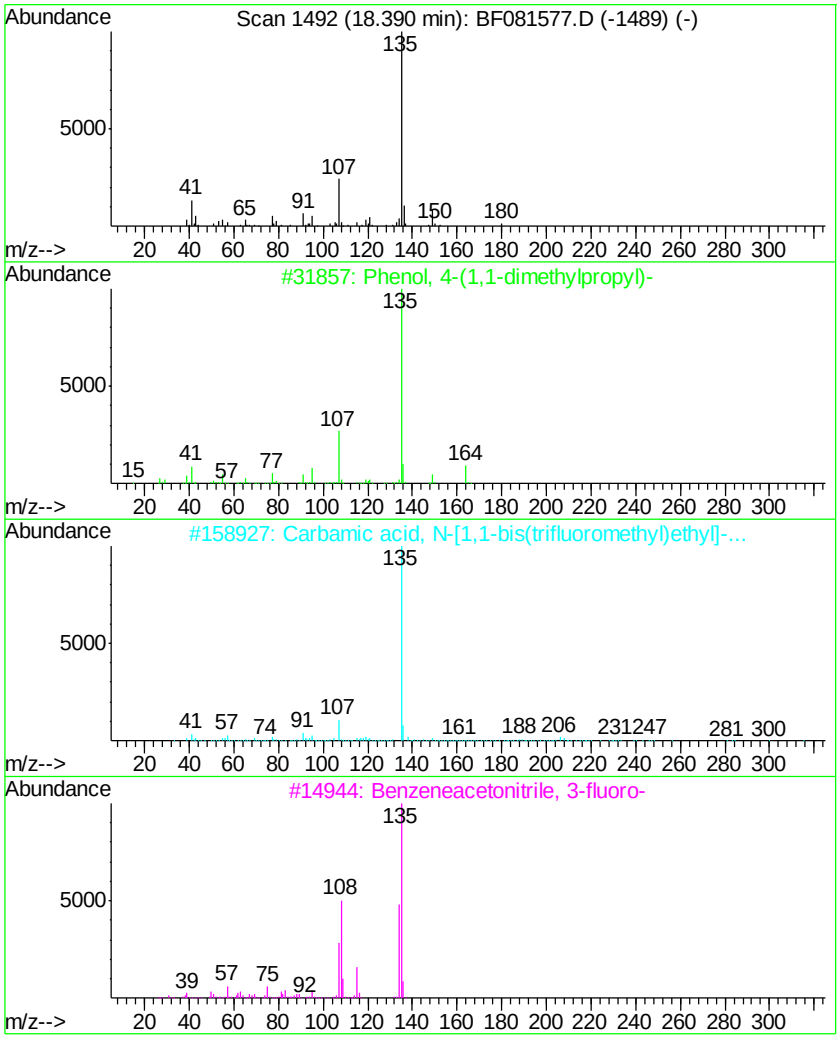
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

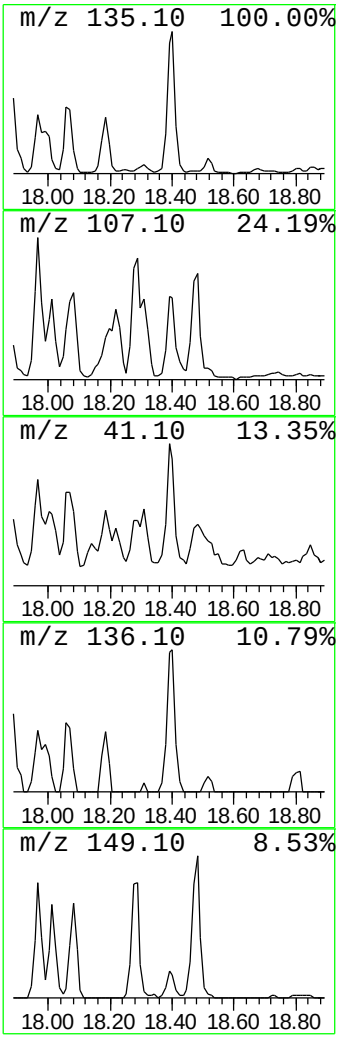
****

Peak Number 10 Phenol, 4-(1,1-dimethylprop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	13.13 ng	223057	Phenanthrene-d10	18.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
2	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	64
3	Benzeneacetonitrile, 3-fluoro-	135	C8H6FN	000501-00-8	64
4	Benzeneacetonitrile, 4-fluoro-	135	C8H6FN	000459-22-3	64
5	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	59





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Data File : BF081577.D
Acq On : 10 Sep 2015 20:57
Operator : UM/IZ
Sample : G3590-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TYB3(1.5-2)

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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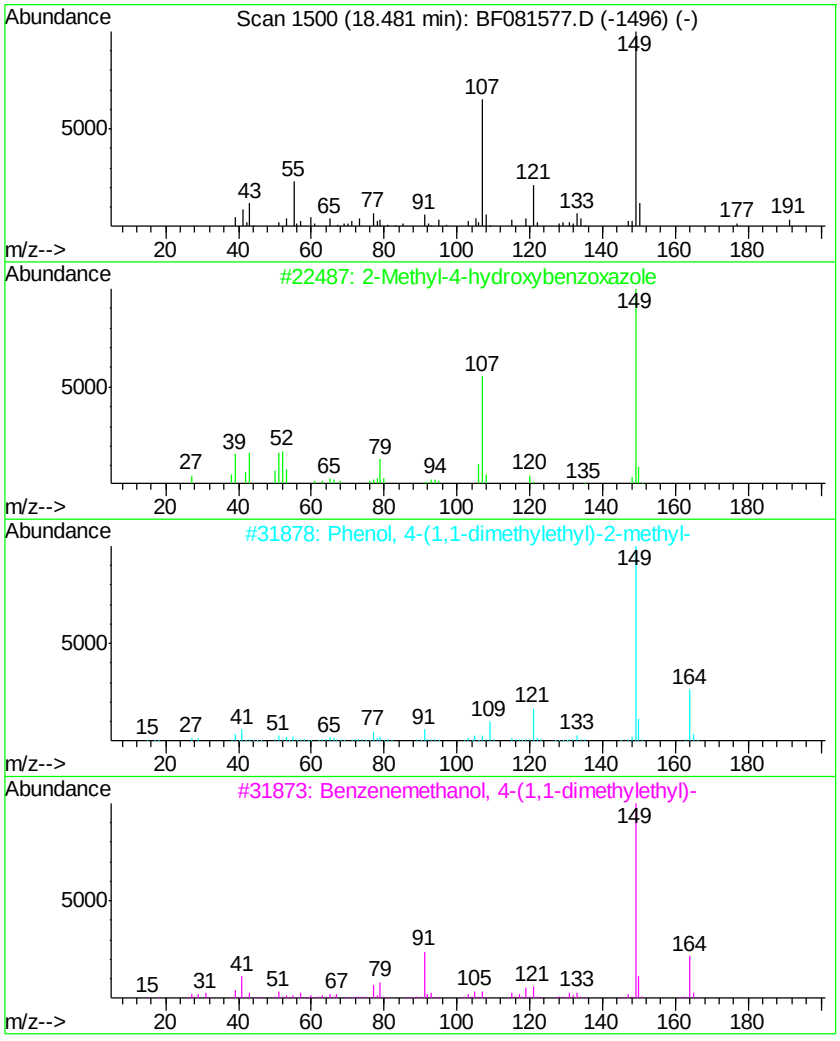
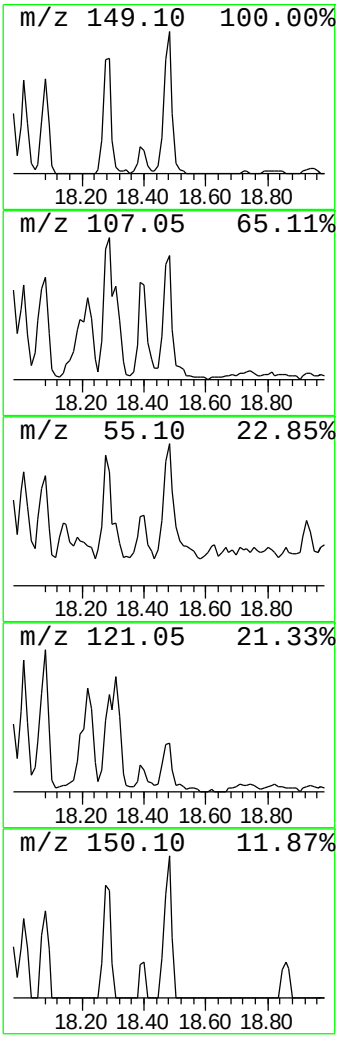
Peak Number 11 2-Methyl-4-hydroxybenzoxazole Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	12.18 ng	206795	Phenanthrene-d10	18.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	72
2	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	50
3	Benzenemethanol, 4-(1,1-dimethyl...	164	C11H16O	000877-65-6	40
4	Silane, trimethyl(2-methylphenyl)-	164	C10H16Si	007450-03-5	40
5	Benzoic acid, 4-(nitromethyl)-, ...	195	C9H9NO4	054833-06-6	38





Library Search Compound Report

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Data File : BF081577.D
Acq On : 10 Sep 2015 20:57
Operator : UM/IZ
Sample : G3590-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TYB3(1.5-2)

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

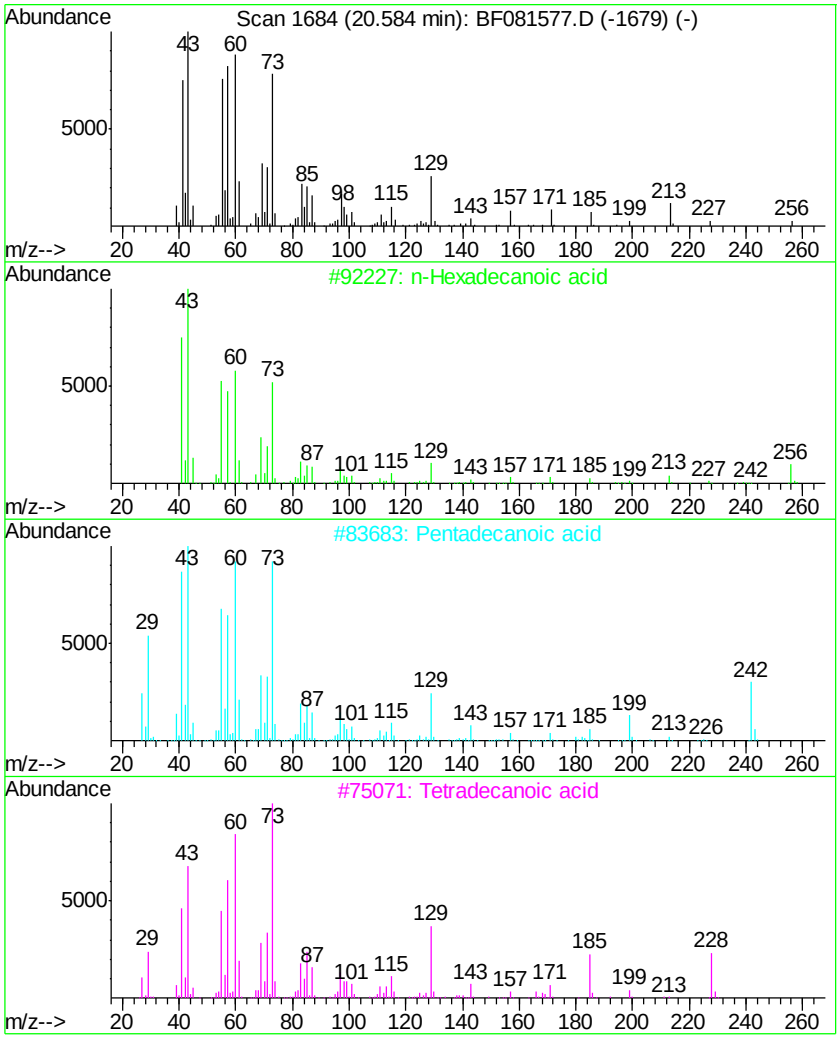
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

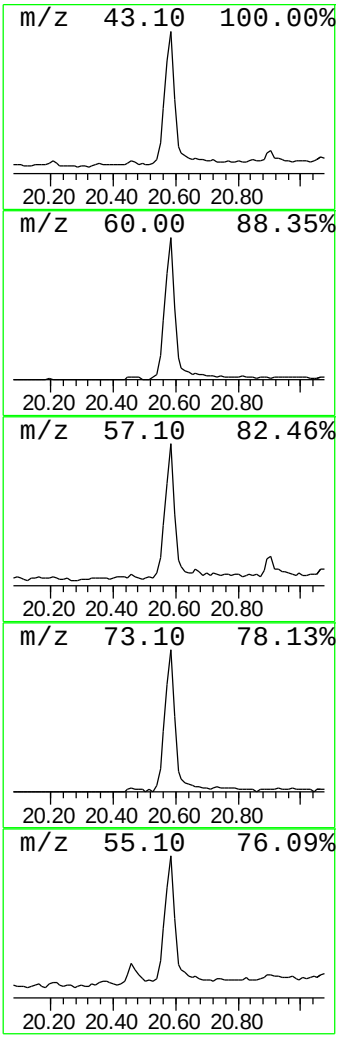
****

Peak Number 12 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.58	38.04 ng	646000	Phenanthrene-d10	18.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	72





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Acq On : 10 Sep 2015 20:57
Operator : UM/IZ
Sample : G3590-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TYB3(1.5-2)

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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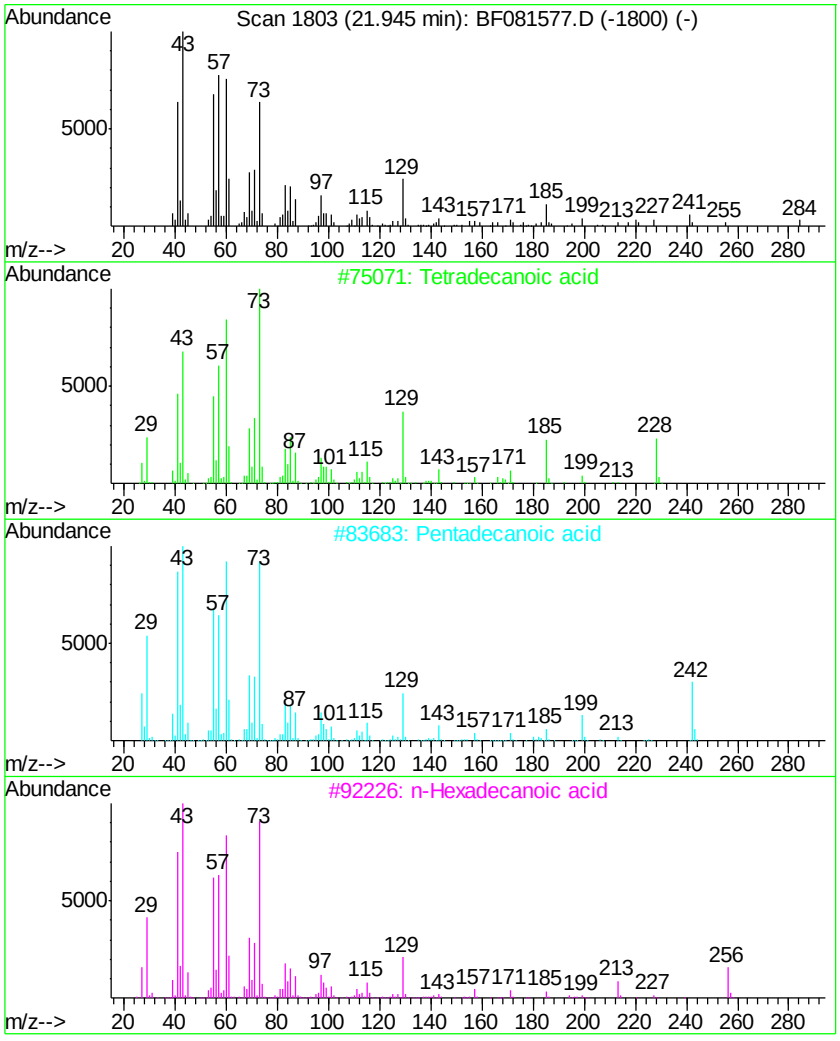
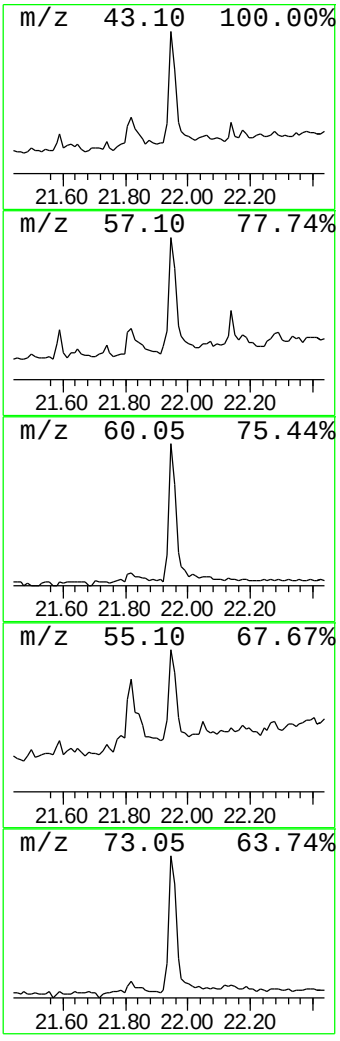
Peak Number 13 Tetradecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	29.19 ng	339108	Chrysene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59
4	Tridecanoic acid	214	C13H26O2	000638-53-9	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





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Data File : BF081577.D
Acq On : 10 Sep 2015 20:57
Operator : UM/IZ
Sample : G3590-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TYB3(1.5-2)

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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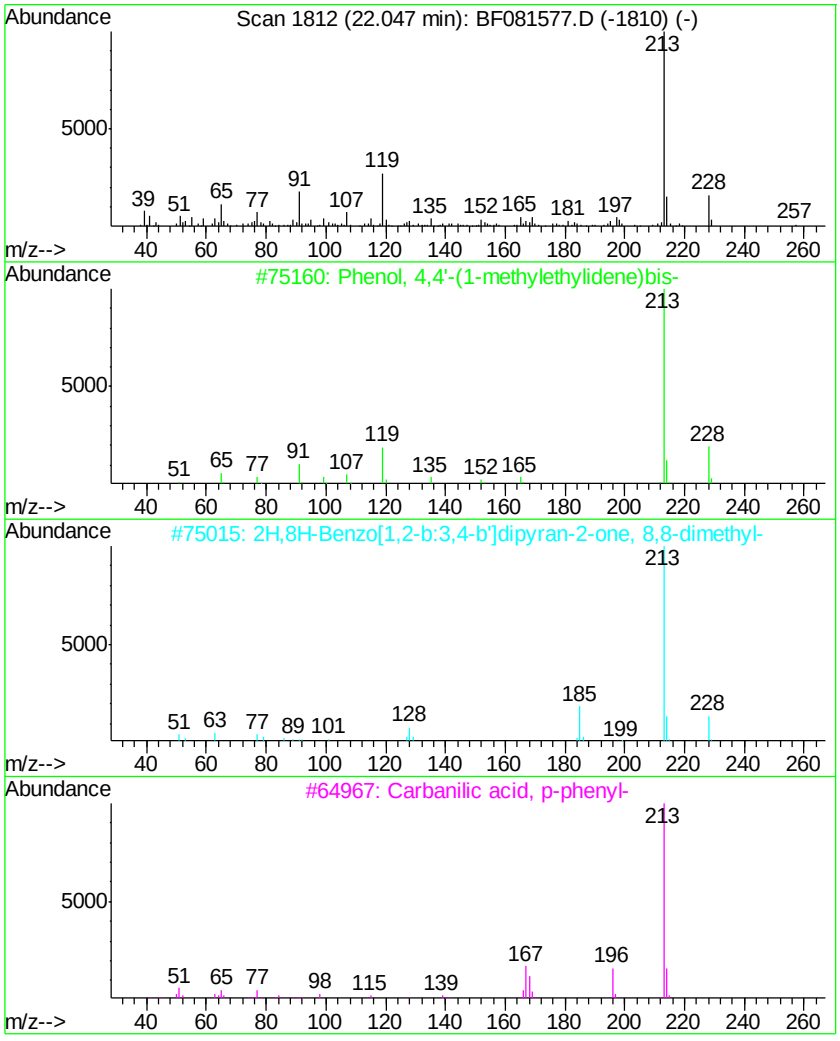
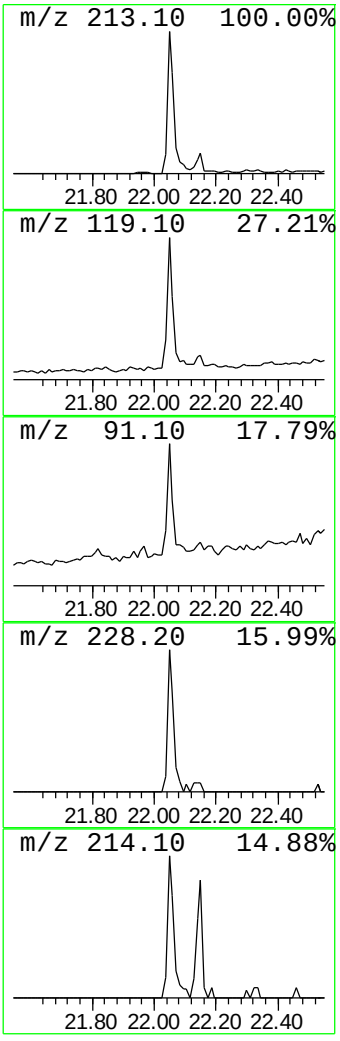
Peak Number 14 Phenol, 4,4'-(1-methylethyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.05	18.19 ng	211280	Chrysene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	95
2	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	64
3	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	58
4	Imidazole, 5-trifluoromethyl-2-(...	213	C9H6F3N3	033468-83-6	50
5	Nitrobenzene, 3,4,5-trimethoxy-	213	C9H11NO5	006307-90-0	50





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Acq On : 10 Sep 2015 20:57
Operator : UM/IZ
Sample : G3590-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TYB3(1.5-2)

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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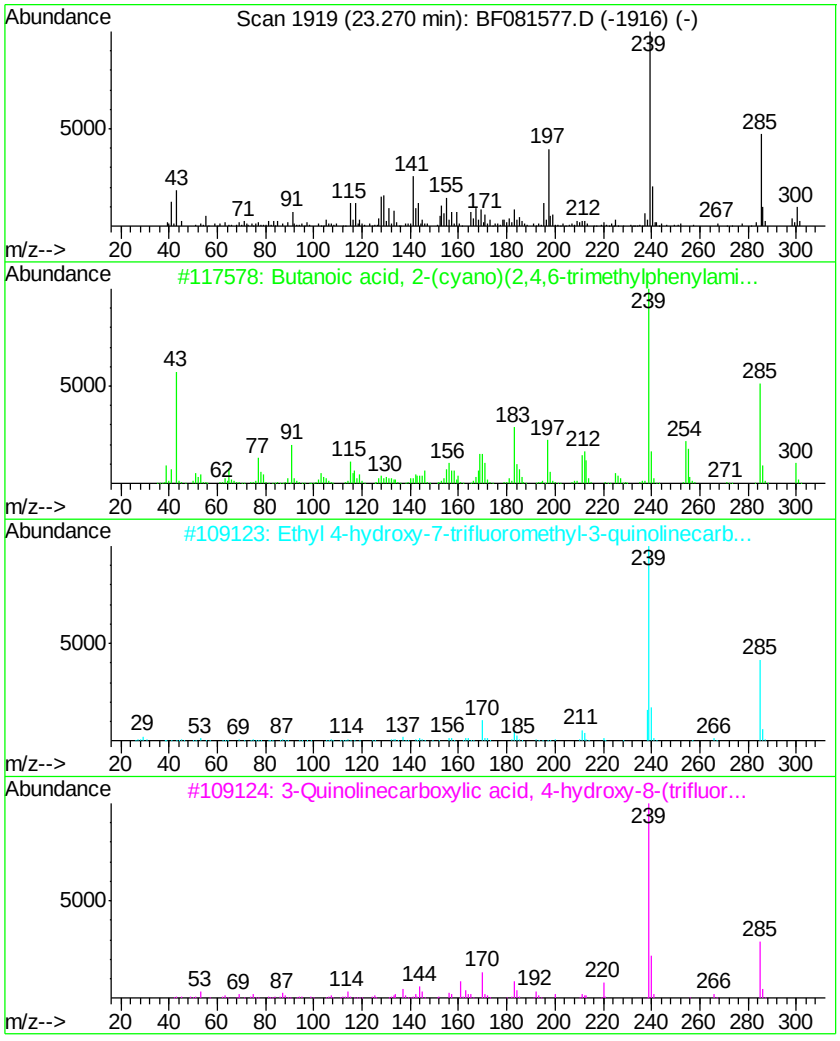
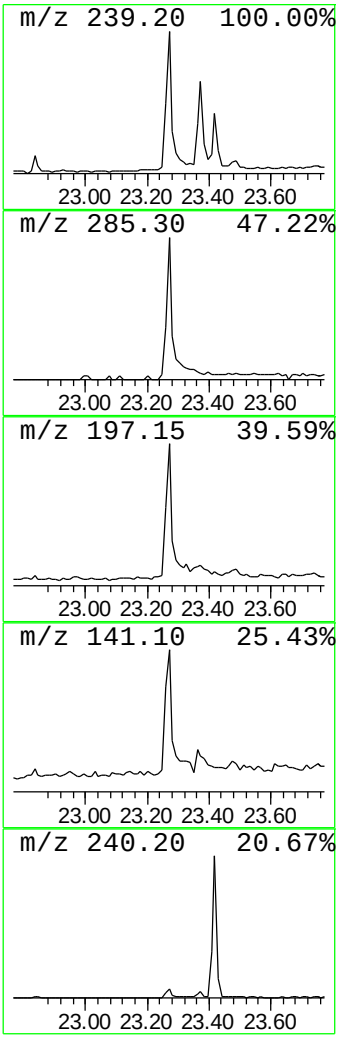
Peak Number 15 Butanoic acid, 2-(cyano)(2,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.27	26.34 ng	305893	Chrysene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	62
2	Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3NO3	000391-02-6	49
3	3-Quinolinecarboxylic acid, 4-hy...	285	C13H10F3NO3	023851-84-5	49
4	Pyrido[4,3-b]quinoline-4-carboni...	239	C13H6ClN3	104802-98-4	35
5	Indole, 3-imidazolo[2,1-b]thiazo...	239	C13H9N3S	292855-05-1	30





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Sample : G3590-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TYB3(1.5-2)

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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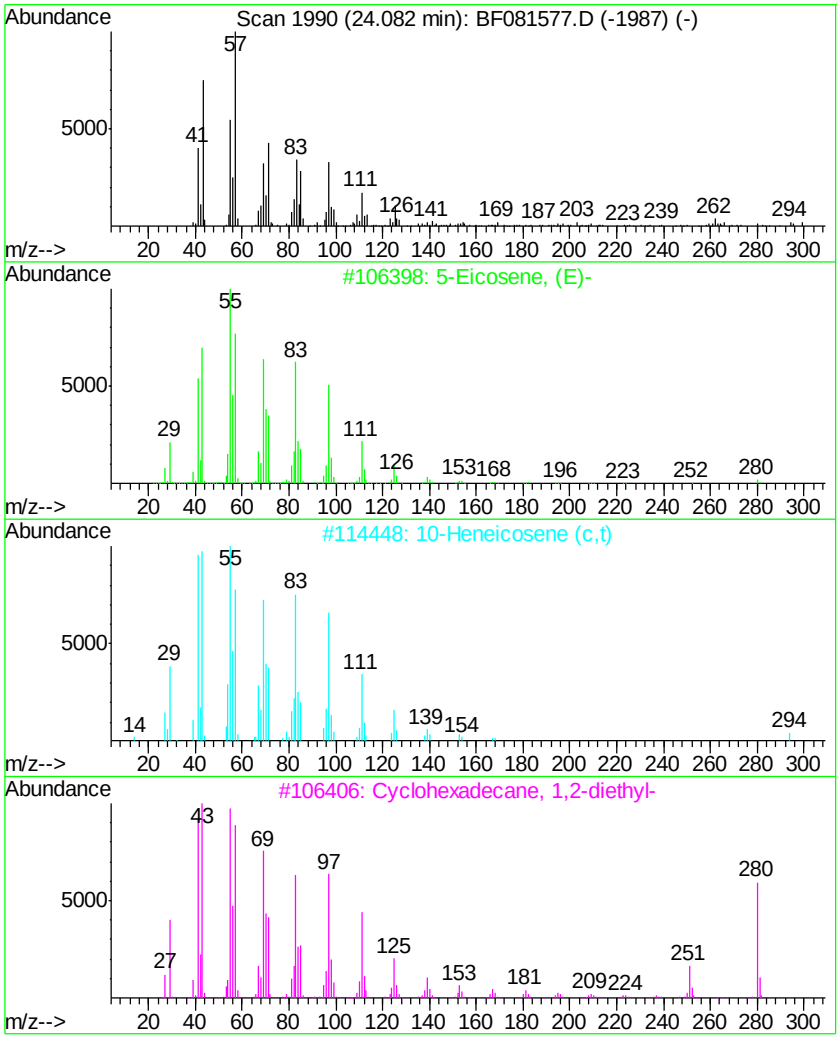
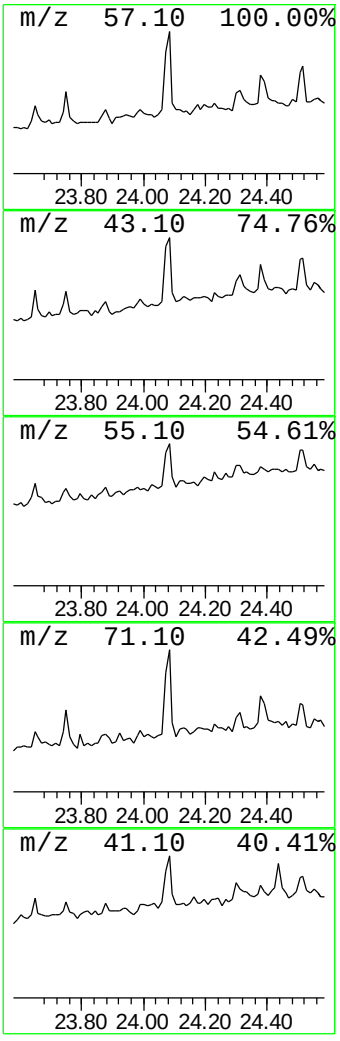
Peak Number 16 5-Eicosene, (E)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	17.01 ng	197582	Chrysene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	87
2	10-Heneicosene (c,t)	294	C21H42	095008-11-0	78
3	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	64
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	62
5	Cycloeicosane	280	C20H40	000296-56-0	60





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Acq On : 10 Sep 2015 20:57
Operator : UM/IZ
Sample : G3590-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TYB3(1.5-2)

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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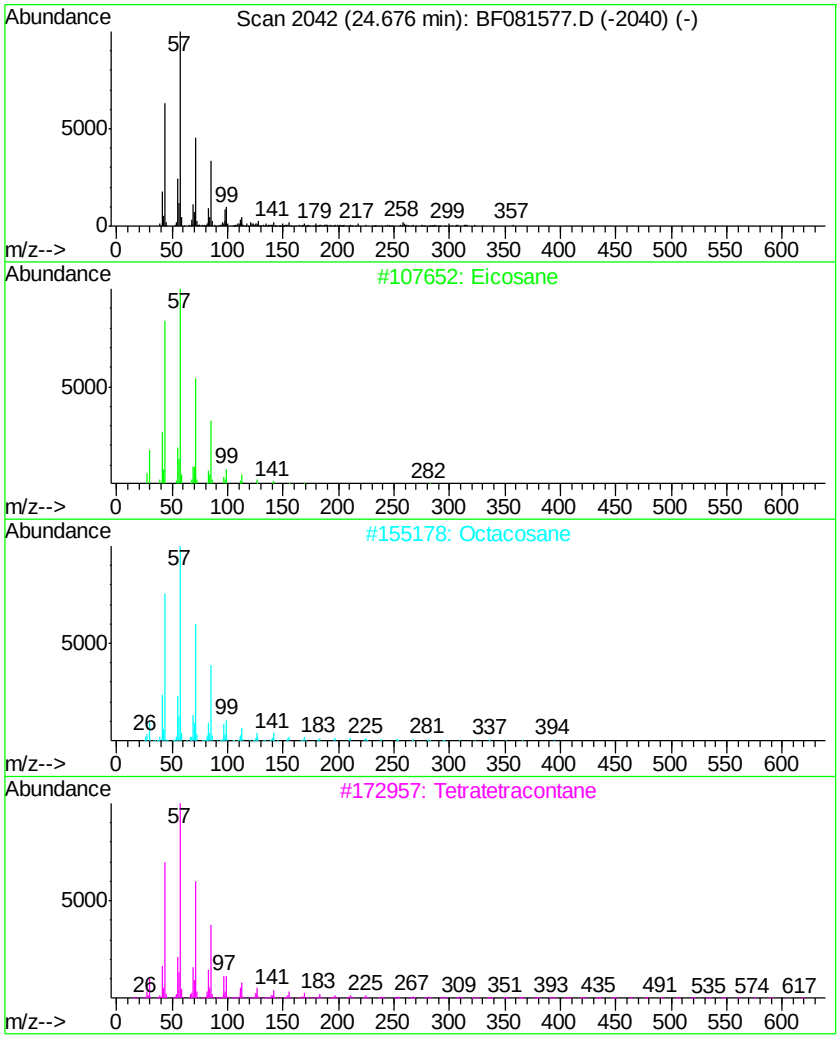
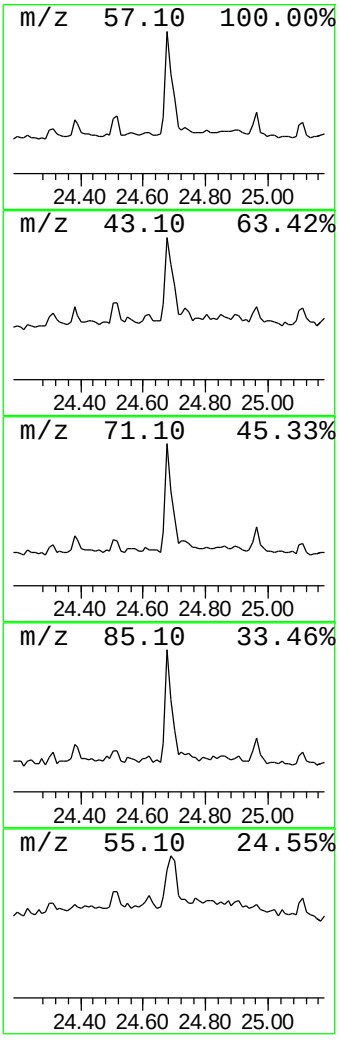
Peak Number 17 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.68	55.53 ng	456061	Perylene-d12	24.86

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	Tetratetracontane	619	C44H90	007098-22-8	90
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Pentacosane	352	C25H52	000629-99-2	90





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Operator : UM/IZ
Sample : G3590-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TYB3(1.5-2)

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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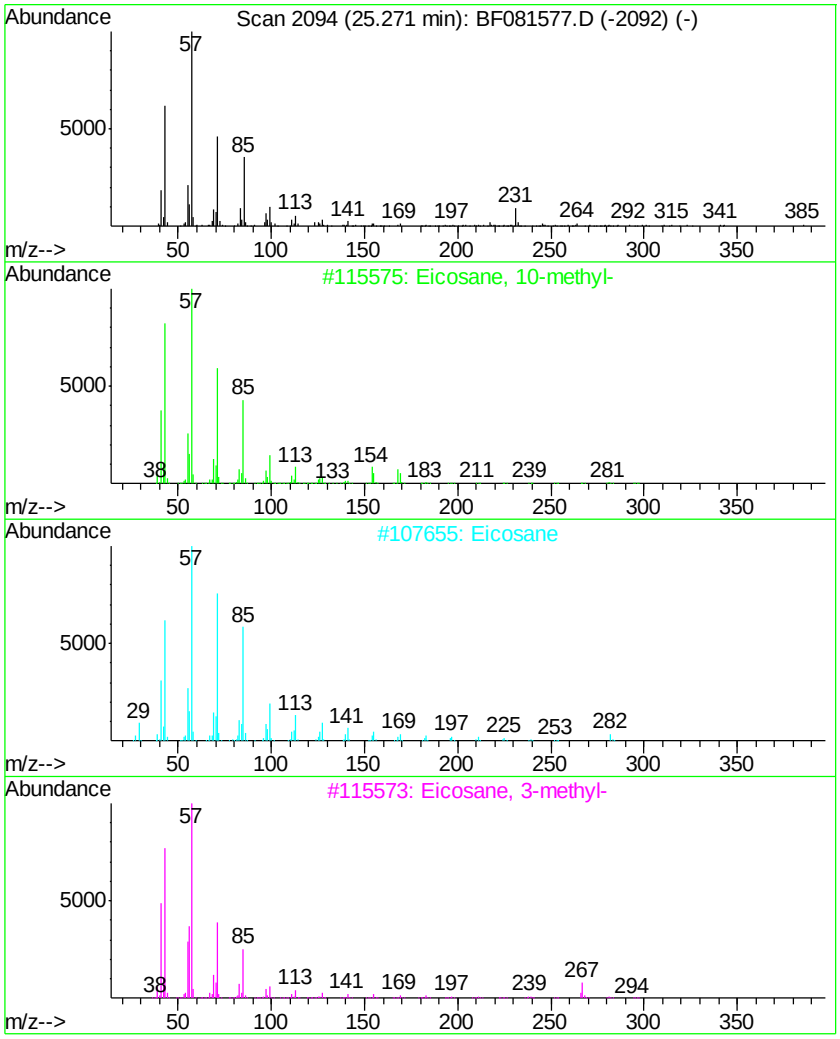
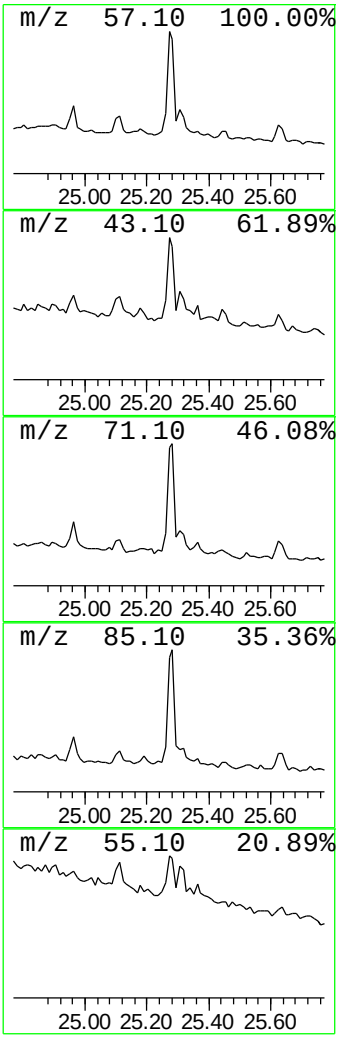
Peak Number 18 Eicosane, 10-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.27	30.30 ng	248870	Perylene-d12	24.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	89
2	Eicosane	282	C20H42	000112-95-8	86
3	Eicosane, 3-methyl-	296	C21H44	006418-46-8	81
4	Hentriacontane	437	C31H64	000630-04-6	72
5	Pentacosane	352	C25H52	000629-99-2	72





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Operator : UM/IZ
Sample : G3590-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TYB3(1.5-2)

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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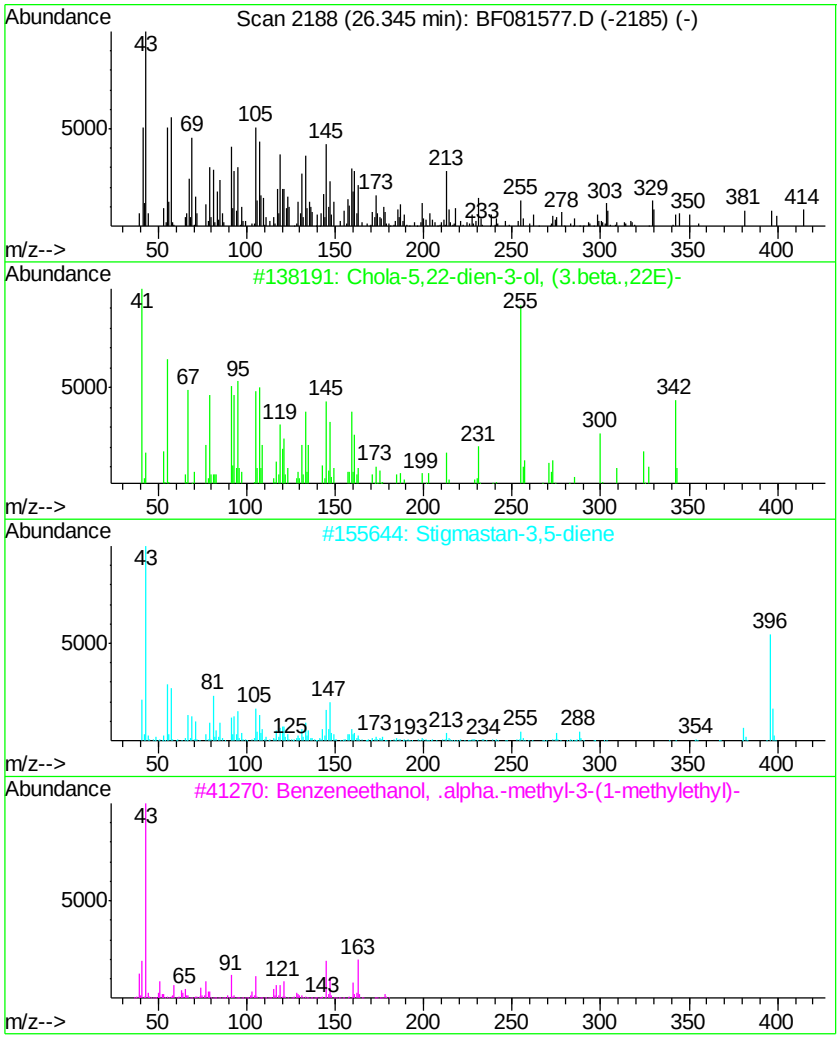
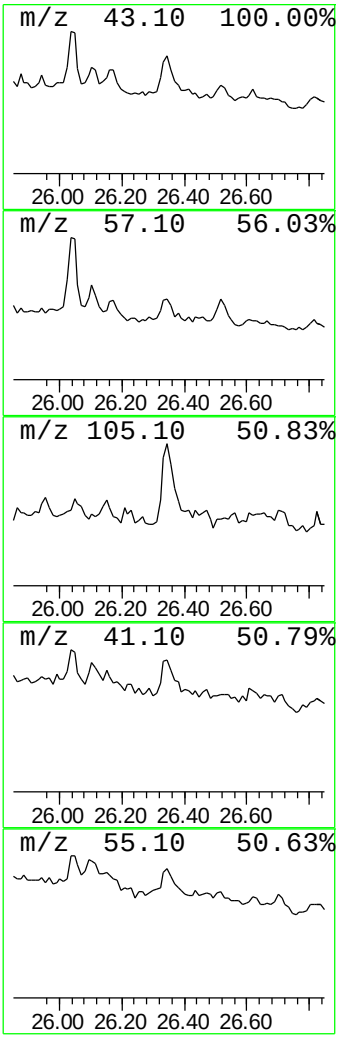
Peak Number 19 unknown26.35 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.35	24.95 ng	204918	Perylene-d12	24.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chola-5,22-dien-3-ol, (3.beta.,2...	342	C24H38O	057597-08-7	32
2	Stigmastan-3,5-diene	396	C29H48	1000214-16-4	16
3	Benzeneethanol, .alpha.-methyl-3...	178	C12H18O	054518-11-5	14
4	Strophanthidol, 3,19-diacetate	490	C27H38O8	083349-11-5	12
5	Silane, chloroethenyldimethyl-	120	C4H9ClSi	001719-58-0	11





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Sample : G3590-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TYB3(1.5-2)

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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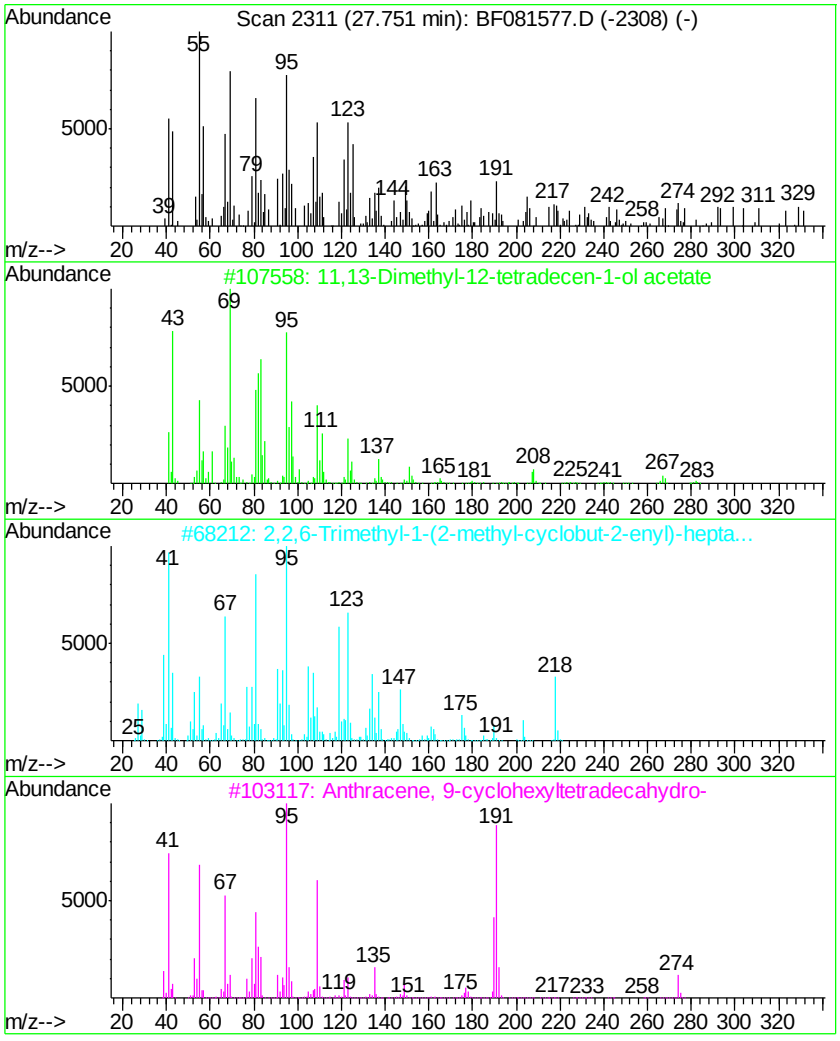
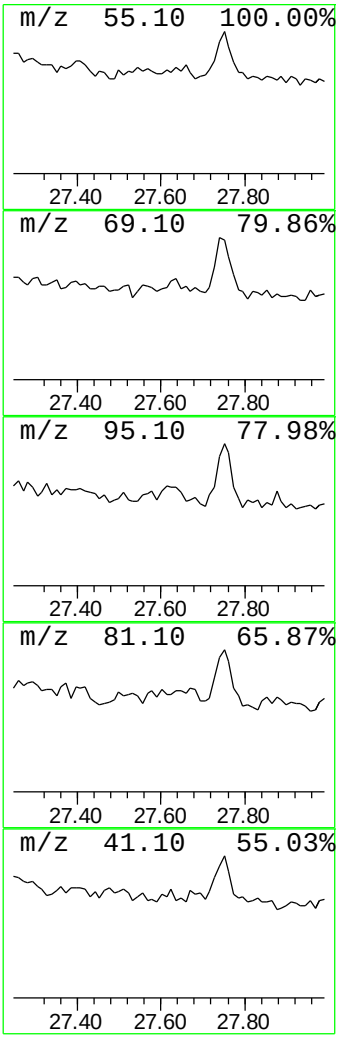
Peak Number 20 11,13-Dimethyl-12-tetradece... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.75	22.19 ng	182221	Perylene-d12	24.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11,13-Dimethyl-12-tetradecen-1-o...	282	C18H34O2	1000130-81-0	53
2	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	38
3	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	38
4	1,1,1-Trifluoro-4-(2-furyl)-4-hy...	206	C8H5F3O3	015788-03-1	35
5	Bicyclo[3.1.1]heptane-2-methanol...	154	C10H18O	000514-99-8	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081577.D
Acq On : 10 Sep 2015 20:57
Operator : UM/IZ
Sample : G3590-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TYB3(1.5-2)

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...	4.57	49.6	ng	812730	1	8.26	327965	20.0
unknown7.78	7.78	92.2	ng	1511510	1	8.26	327965	20.0
Phenol, 4-(1,1,3,...	17.88	17.0	ng	289067	4	18.81	339686	20.0
unknown17.97	17.97	14.8	ng	251608	4	18.81	339686	20.0
Phenol, m-tert-bu...	18.07	12.5	ng	211772	4	18.81	339686	20.0
unknown18.29	18.29	14.4	ng	243865	4	18.81	339686	20.0
Phenol, 4-(1,1-di...	18.39	13.1	ng	223057	4	18.81	339686	20.0
2-Methyl-4-hydrox...	18.48	12.2	ng	206795	4	18.81	339686	20.0
n-Hexadecanoic acid	20.58	38.0	ng	646000	4	18.81	339686	20.0
Tetradecanoic acid	21.94	29.2	ng	339108	5	23.42	232307	20.0
Phenol, 4,4'-(1-m...	22.05	18.2	ng	211280	5	23.42	232307	20.0
Butanoic acid, 2-...	23.27	26.3	ng	305893	5	23.42	232307	20.0
5-Eicosene, (E)-	24.08	17.0	ng	197582	5	23.42	232307	20.0
Eicosane	24.68	55.5	ng	456061	6	24.86	164247	20.0
Eicosane, 10-methyl-	25.27	30.3	ng	248870	6	24.86	164247	20.0
unknown26.35	26.35	24.9	ng	204918	6	24.86	164247	20.0
11,13-Dimethyl-12...	27.75	22.2	ng	182221	6	24.86	164247	20.0