LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012215\
Data File : BF077034.D
Acq On : 23 Jan 2015 6:17
Operator : TP/IZ
Sample : G1149-03
Misc : S
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-011-B

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-BF011415.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	1.430	28	30	40	rBV	23237	52674	10.08%	1.191%
2	3.944	248	250	260	rVB	22212	49302	9.44%	1.114%
3	4.893	330	333	343	rBV	95913	194043	37.14%	4.386%
4	7.259	537	540	545	rBV	136383	269543	51.59%	6.092%
5	7.339	545	547	554	rVB	142794	271211	51.91%	6.130%
6	7.853	588	592	596	rBV	88938	141975	27.18%	3.209%
7	8.173	616	620	625	rVB	96657	153394	29.36%	3.467%
8	9.145	702	705	714	rVB	104524	162420	31.09%	3.671%
9	10.756	843	846	850	rBV	131801	201866	38.64%	4.563%
10	12.231	972	975	978	rBV	9253	13938	2.67%	0.315%
11	13.408	1075	1078	1082	rBV	266739	414378	79.32%	9.366%
12	14.482	1168	1172	1175	rVB	19388	33229	6.36%	0.751%
13	14.882	1204	1207	1211	rBV	144077	218179	41.76%	4.931%
14	16.140	1313	1317	1320	rBV	5504	7693	1.47%	0.174%
15	16.528	1348	1351	1353	rBV	57936	66595	12.75%	1.505%
16	16.585	1353	1356	1359	rVB	228114	332817	63.70%	7.522%
17	17.683	1450	1452	1455	rBV	145935	218203	41.77%	4.932%
18	17.728	1455	1456	1458	rVB	7864	5633	1.08%	0.127%
19	18.689	1538	1540	1544	rBV	7948	10555	2.02%	0.239%
20	19.374	1597	1600	1602	rBV	16071	20388	3.90%	0.461%
21	19.649	1622	1624	1627	rVB	15980	19534	3.74%	0.442%
22	19.820	1637	1639	1646	rBV	14769	24787	4.74%	0.560%
23	19.923	1646	1648	1651	rVB	517876	522443	100.00%	11.808%
24	20.334	1678	1684	1687	rBV3	1799	5796	1.11%	0.131%
25	21.192	1754	1759	1761	rBV	216049	375164	71.81%	8.479%
26	21.329	1767	1771	1772	rBV2	4218	6552	1.25%	0.148%
27	21.580	1790	1793	1796	rBV4	3491	8905	1.70%	0.201%
28	21.832	1810	1815	1816	rBV4	1860	5524	1.06%	0.125%
29	21.969	1824	1827	1833	rBV4	8586	20060	3.84%	0.453%
30	22.083	1833	1837	1840	rBV3	2582	6425	1.23%	0.145%
31	22.392	1862	1864	1866	rBV	11630	16510	3.16%	0.373%
32	22.712	1889	1892	1895	rBV4	8934	21279	4.07%	0.481%
33	22.769	1895	1897	1900	rBV	9391	12669	2.42%	0.286%
34	22.826	1900	1902	1905	rVV	159476	211486	40.48%	4.780%

LSC Area Percent Report

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Data File : BF077034.D
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Operator : TP/IZ
Sample : G1149-03
Misc : S
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-011-B

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-BF011415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	23.055	1919	1922	1925	rBV4	4796	13468	2.58%	0.304%
36	23.340	1944	1947	1950	rBV5	6246	16956	3.25%	0.383%
37	23.409	1950	1953	1955	rVV2	17253	35396	6.78%	0.800%
38	23.455	1955	1957	1964	rVB4	20925	59480	11.38%	1.344%
39	23.729	1978	1981	1982	rBV2	7008	8422	1.61%	0.190%
40	23.786	1983	1986	1988	rVB	23710	33036	6.32%	0.747%
41	23.923	1996	1998	2002	rVB4	5147	10876	2.08%	0.246%
42	24.106	2012	2014	2016	rBV3	6252	8837	1.69%	0.200%
43	24.163	2016	2019	2021	rVV3	5728	13706	2.62%	0.310%
44	24.221	2021	2024	2029	rVB6	8426	23786	4.55%	0.538%
45	24.369	2035	2037	2041	rVB5	7593	16714	3.20%	0.378%
46	24.438	2041	2043	2048	rBV6	5879	13668	2.62%	0.309%
47	24.689	2063	2065	2069	rVB5	6139	10548	2.02%	0.238%
48	24.906	2082	2084	2087	rBV4	5457	10781	2.06%	0.244%
49	24.998	2090	2092	2096	rVB5	5777	13610	2.61%	0.308%
50	25.295	2116	2118	2121	rVB4	4407	8083	1.55%	0.183%
51	25.489	2132	2135	2136	rBV3	3749	7469	1.43%	0.169%
52	25.855	2165	2167	2170	rVB3	3900	5601	1.07%	0.127%
53	25.958	2174	2176	2177	rBV2	3549	5350	1.02%	0.121%
54	26.084	2185	2187	2190	rVB3	3973	6626	1.27%	0.150%
55	26.141	2190	2192	2195	rBV4	2642	6798	1.30%	0.154%

Sum of corrected areas: 4424381

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Data File : BF077034.D
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Operator : TP/IZ
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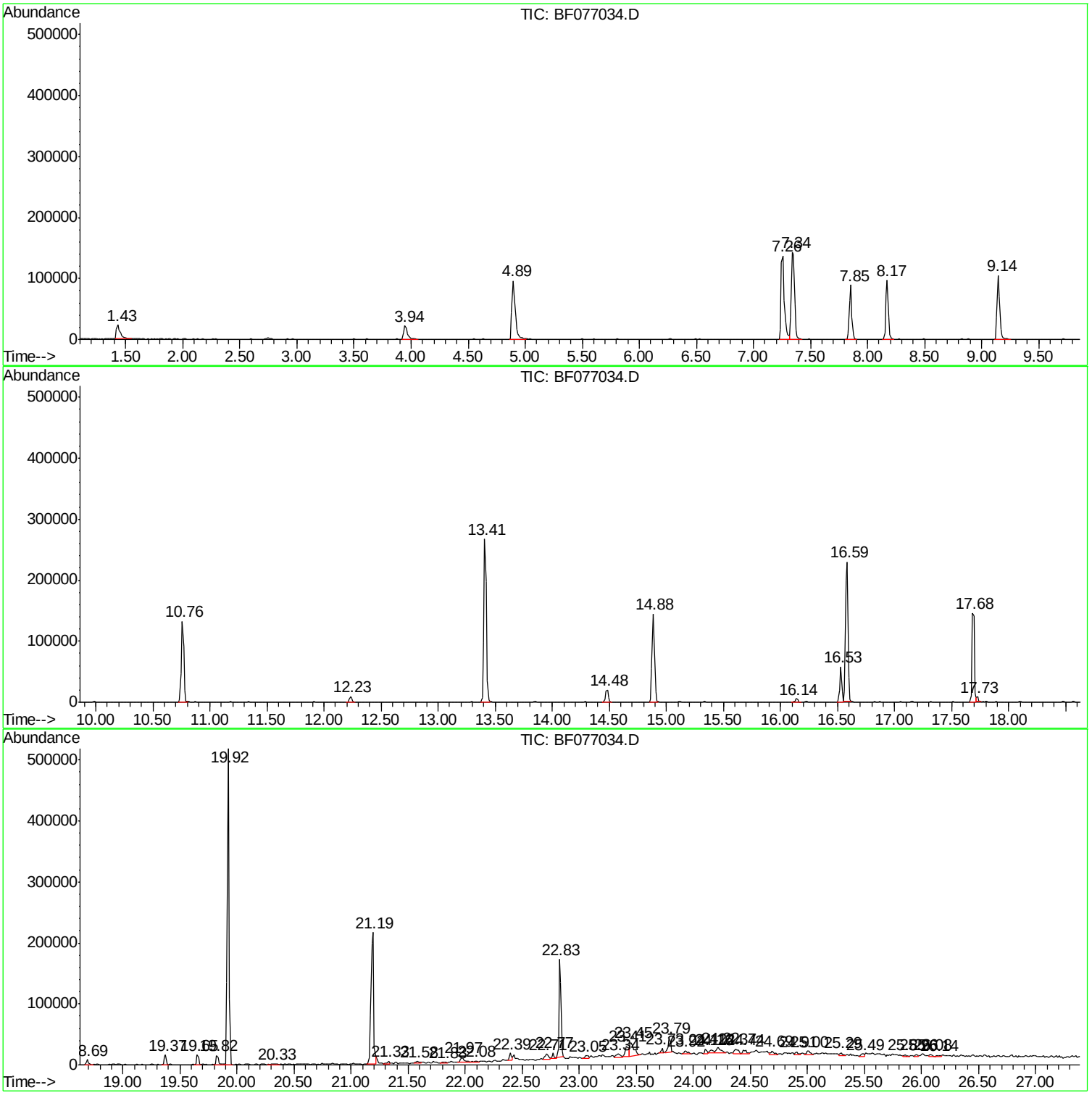
Misc : S
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-011-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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\BF012215\
Data File : BF077034.D
Acq On : 23 Jan 2015 6:17
Operator : TP/IZ
Sample : G1149-03
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Instrument : BNA_F
ClientSampleId : FK-GF-01-011-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

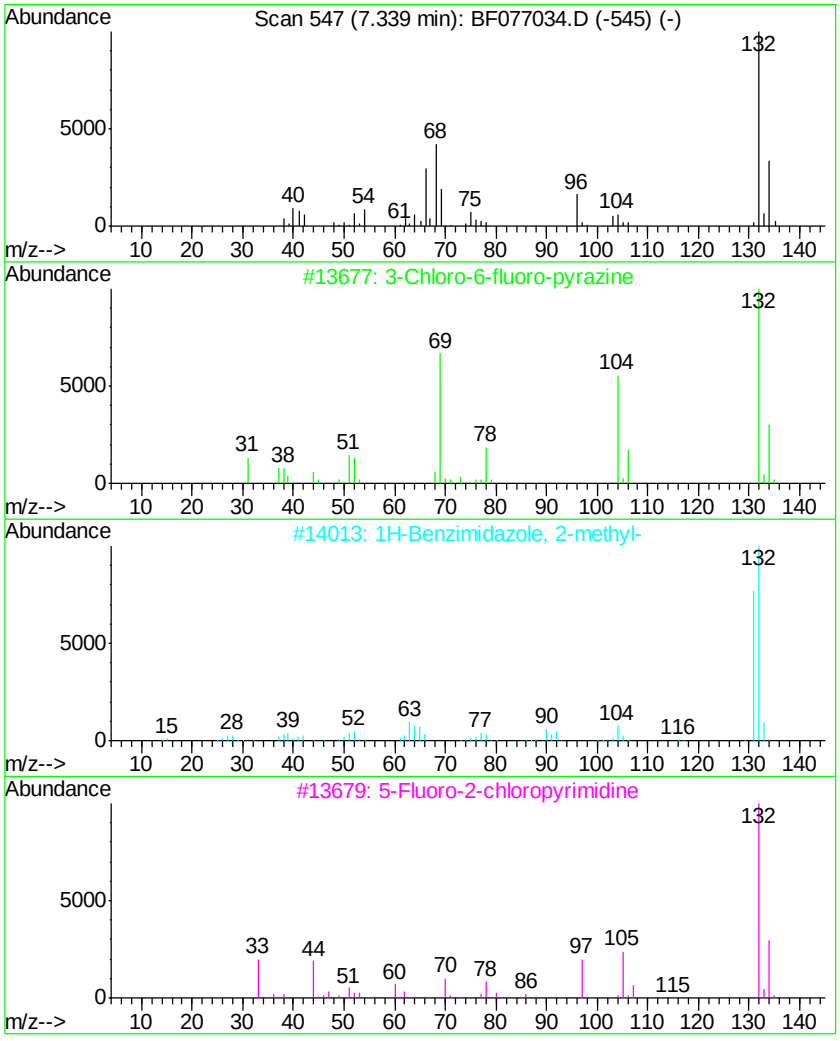
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

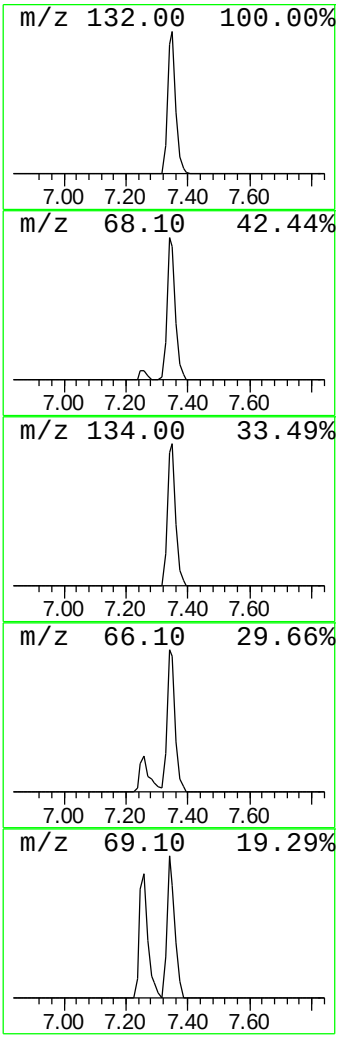
****

Peak Number 3 unknown7.34 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	38.21 ng	271211	1,4-Dichlorobenzene-d4	7.85

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	16
4	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10
5	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012215\
Data File : BF077034.D
Acq On : 23 Jan 2015 6:17
Operator : TP/IZ
Sample : G1149-03
Misc : S
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-011-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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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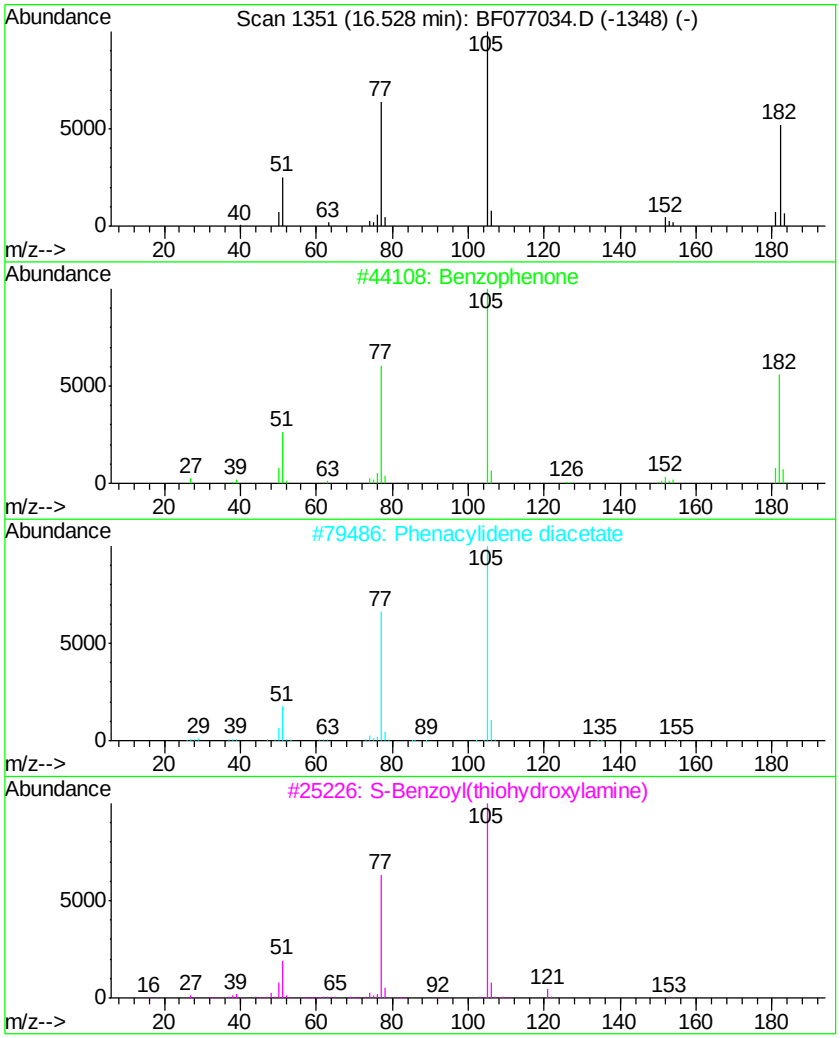
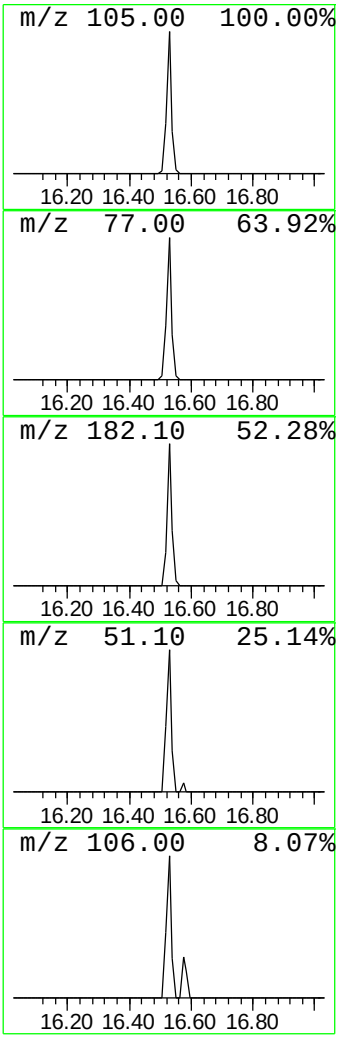
Peak Number 5 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	6.10 ng	66595	Phenanthrene-d10	17.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Phenacylidene diacetate	236	C12H12O5	005062-30-6	47
3	S-Benzoyl(thiohydroxylamine)	153	C7H7NOS	025740-80-1	47
4	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
5	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012215\
Data File : BF077034.D
Acq On : 23 Jan 2015 6:17
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Sample : G1149-03
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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-011-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
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TIC Library : C:\DATABASE\NIST02.L
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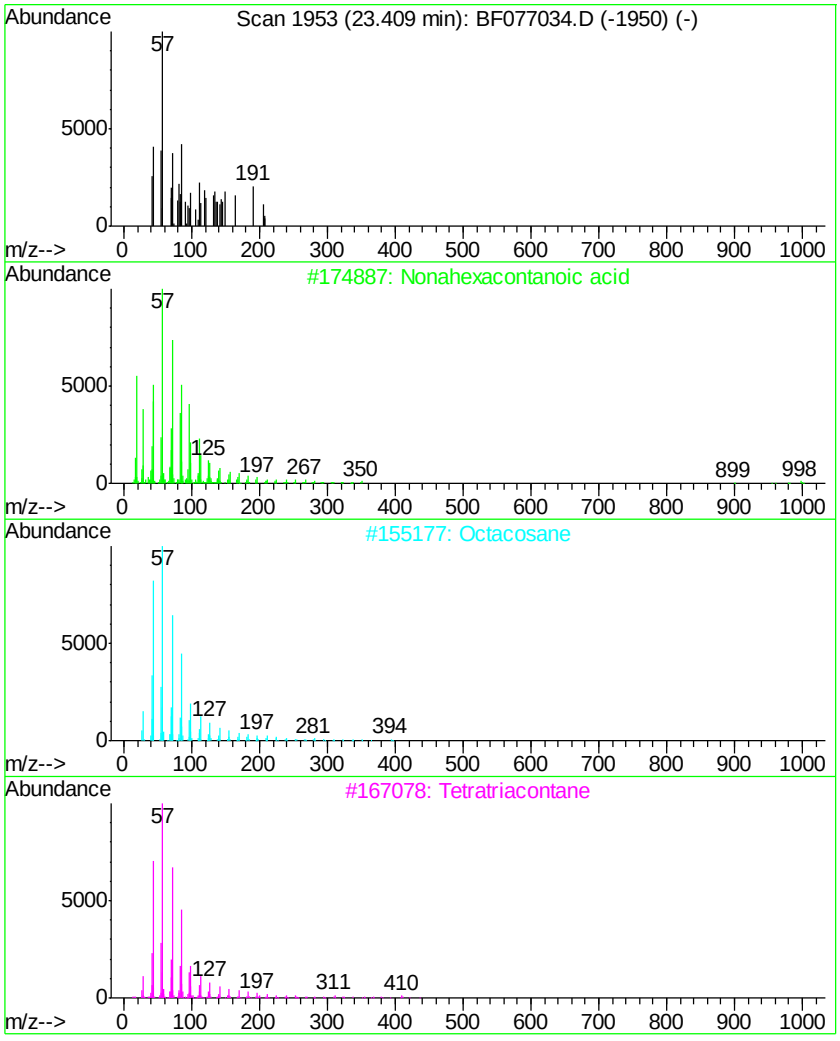
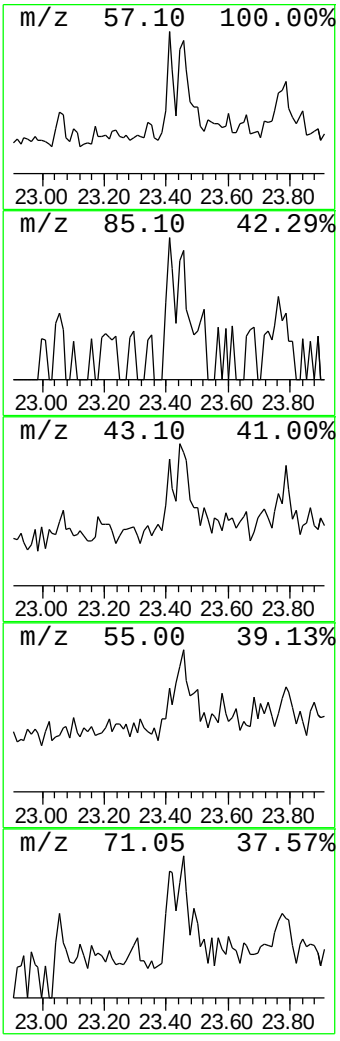
Peak Number 7 unknown23.41 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.41	3.35 ng	35396	Perylene-d12	22.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonahexacontanoic acid	999	C69H138O2	040710-32-5	25
2	Octacosane	394	C28H58	000630-02-4	12
3	Tetratriacontane	479	C34H70	014167-59-0	12
4	Triacontane	422	C30H62	000638-68-6	12
5	Heptacosane	380	C27H56	000593-49-7	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012215\
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Acq On : 23 Jan 2015 6:17
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Sample : G1149-03
Misc : S
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-011-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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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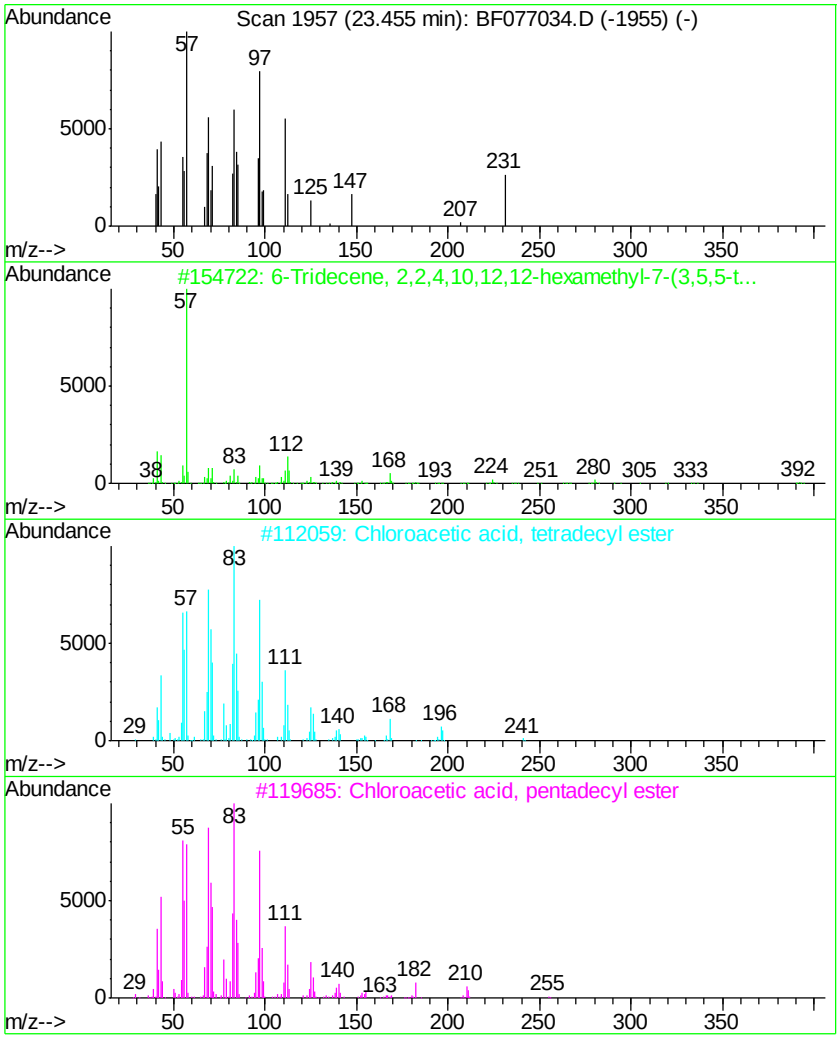
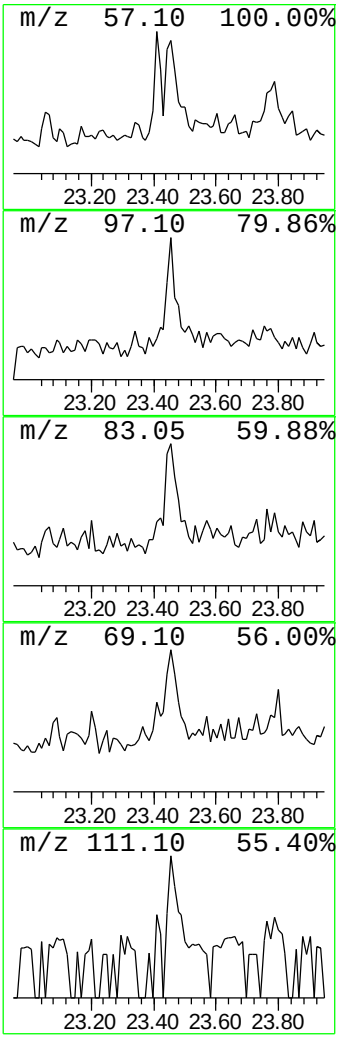
Peak Number 8 6-Tridecene, 2,2,4,10,12,12... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.45	5.62 ng	59480	Perylene-d12	22.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Tridecene, 2,2,4,10,12,12-hexa...	392	C28H56	055255-73-7	53
2	Chloroacetic acid, tetradecyl ester	290	C16H31ClO2	018277-86-6	47
3	Chloroacetic acid, pentadecyl ester	304	C17H33ClO2	070301-47-2	47
4	Chloroacetic acid, tridecyl ester	276	C15H29ClO2	018277-85-5	43
5	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	42





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Sample : G1149-03
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Instrument : BNA_F
ClientSampleId : FK-GF-01-011-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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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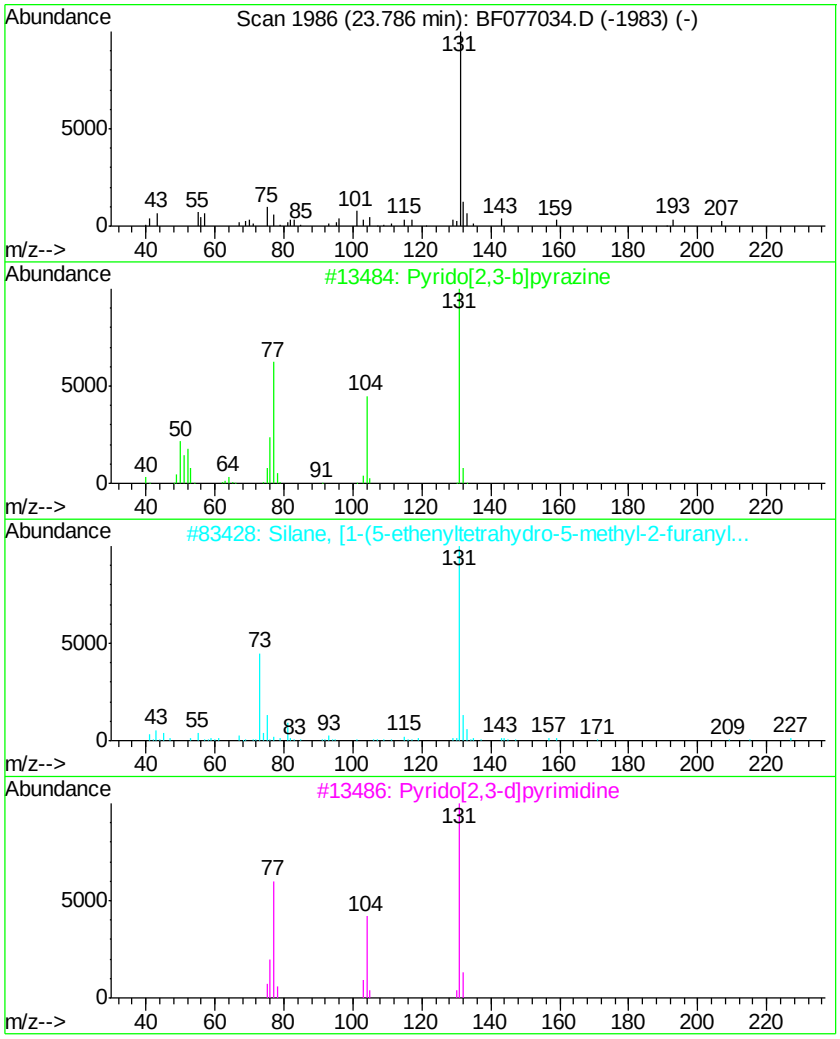
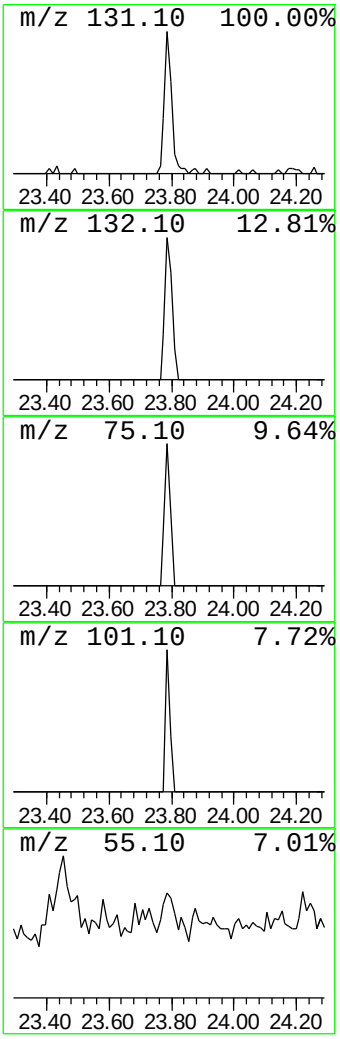
Peak Number 9 unknown23.79 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	3.12 ng	33036	Perylene-d12	22.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	45
2	Silane, [1-(5-ethenyltetrahydro-...	242	C13H26O2Si	057397-14-5	40
3	Pyrido[2,3-d]pyrimidine	131	C7H5N3	000254-61-5	38
4	1H-Indole-3-ethanamine, N-methyl-	174	C11H14N2	000061-49-4	36
5	Hydrazinecarbothioamide, 2-(1-me...	131	C4H9N3S	001752-30-3	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012215\
Data File : BF077034.D
Acq On : 23 Jan 2015 6:17
Operator : TP/IZ
Sample : G1149-03
Misc : S
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-011-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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
unknown7.34	7.34	38.2	ng	271211	1	7.85	141975	20.0
Benzophenone	16.53	6.1	ng	66595	4	17.69	218203	20.0
unknown23.41	23.41	3.4	ng	35396	6	22.83	211486	20.0
6-Tridecene, 2,2,...	23.45	5.6	ng	59480	6	22.83	211486	20.0
unknown23.79	23.79	3.1	ng	33036	6	22.83	211486	20.0