LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098358.D
Acq On : 8 Sep 2017 18:47
Operator : SJ/JU
Sample : I5071-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G61A-0-1.5

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-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	5	7	39	rVB5	66182	288578	25.63%	2.068%
2	4.851	467	470	476	rBV	39591	49154	4.37%	0.352%
3	5.281	539	543	558	rVB	573452	572541	50.85%	4.102%
4	6.322	717	720	731	rBV	642035	600933	53.38%	4.306%
5	6.451	738	742	746	rBV	680774	596694	53.00%	4.276%
6	6.681	777	781	784	rBV	804801	669322	59.45%	4.796%
7	6.833	803	807	811	rBV	564798	458954	40.76%	3.289%
8	7.245	873	877	887	rBV	409973	357534	31.76%	2.562%
9	7.963	995	999	1003	rBV	1018806	842551	74.84%	6.037%
10	9.039	1178	1182	1185	rBV	824118	631137	56.06%	4.522%
11	9.439	1245	1250	1255	rBV	76573	68317	6.07%	0.490%
12	9.716	1293	1297	1301	rBV	938731	774458	68.79%	5.549%
13	10.504	1427	1431	1441	rVB	248185	243065	21.59%	1.742%
14	10.621	1449	1451	1462	rBV	11358	18065	1.60%	0.129%
15	10.804	1478	1482	1485	rBV	158291	127675	11.34%	0.915%
16	11.069	1524	1527	1529	rBV2	23470	20218	1.80%	0.145%
17	11.198	1545	1549	1552	rBV	756825	639072	56.76%	4.579%
18	11.221	1552	1553	1555	rVB	32482	15952	1.42%	0.114%
19	11.304	1565	1567	1570	rBV2	25167	21754	1.93%	0.156%
20	11.368	1574	1578	1582	rVB	16078	18757	1.67%	0.134%
21	12.404	1751	1754	1758	rVB	55941	51617	4.58%	0.370%
22	12.610	1785	1789	1791	rBV	108104	96559	8.58%	0.692%
23	12.633	1791	1793	1796	rVV	64386	52604	4.67%	0.377%
24	12.686	1800	1802	1806	rVB2	22936	20098	1.79%	0.144%
25	12.780	1814	1818	1821	rBV	478239	405331	36.00%	2.904%
26	12.874	1827	1834	1839	rBV3	14635	30243	2.69%	0.217%
27	12.963	1846	1849	1853	rVB6	11473	14803	1.31%	0.106%
28	13.021	1856	1859	1864	rVB4	9069	13816	1.23%	0.099%
29	13.068	1864	1867	1870	rBV3	12749	17516	1.56%	0.126%
30	13.262	1896	1900	1903	rBV	1222050	1125867	100.00%	8.067%
31	13.315	1905	1909	1913	rBV2	80491	91042	8.09%	0.652%
32	13.351	1913	1915	1917	rVV3	20338	24112	2.14%	0.173%
33	13.380	1917	1920	1924	rVB	26025	34995	3.11%	0.251%
34	13.451	1929	1932	1934	rBV	37552	38569	3.43%	0.276%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098358.D
Acq On : 8 Sep 2017 18:47
Operator : SJ/JU
Sample : I5071-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G61A-0-1.5

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-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.557	1947	1950	1953	rBV	49702	53467	4.75%	0.383%
36	13.604	1955	1958	1962	rVB	147445	126547	11.24%	0.907%
37	13.686	1969	1972	1974	rBV	44389	48429	4.30%	0.347%
38	13.751	1981	1983	1986	rVB	23854	17151	1.52%	0.123%
39	13.833	1992	1997	1999	rBV	889234	971651	86.30%	6.962%
40	13.880	2003	2005	2009	rVB2	43809	36815	3.27%	0.264%
41	13.933	2012	2014	2017	rVB3	21857	18721	1.66%	0.134%
42	13.974	2018	2021	2024	rBV	43886	49538	4.40%	0.355%
43	14.033	2024	2031	2033	rVV2	325714	343014	30.47%	2.458%
44	14.057	2033	2035	2039	rVB2	30671	31357	2.79%	0.225%
45	14.098	2039	2042	2045	rBV	52588	59027	5.24%	0.423%
46	14.186	2054	2057	2061	rBV	285053	290876	25.84%	2.084%
47	14.227	2061	2064	2066	rVB	124588	111678	9.92%	0.800%
48	14.433	2096	2099	2103	rBV	415869	354363	31.47%	2.539%
49	14.504	2108	2111	2116	rBV	100759	130961	11.63%	0.938%
50	14.604	2125	2128	2134	rBV4	55484	84848	7.54%	0.608%
51	14.774	2154	2157	2162	rBV	212093	245316	21.79%	1.758%
52	14.833	2163	2167	2175	rVB2	126155	191983	17.05%	1.376%
53	15.062	2200	2206	2210	rBV	297253	459480	40.81%	3.292%
54	15.239	2232	2236	2244	rVB	500104	666596	59.21%	4.776%
55	15.362	2254	2257	2262	rBV	49569	60956	5.41%	0.437%
56	15.456	2270	2273	2275	rBV	66001	85264	7.57%	0.611%
57	15.827	2331	2336	2341	rBV	183378	300307	26.67%	2.152%
58	16.862	2507	2512	2520	rVB	80397	185758	16.50%	1.331%

Sum of corrected areas: 13956006

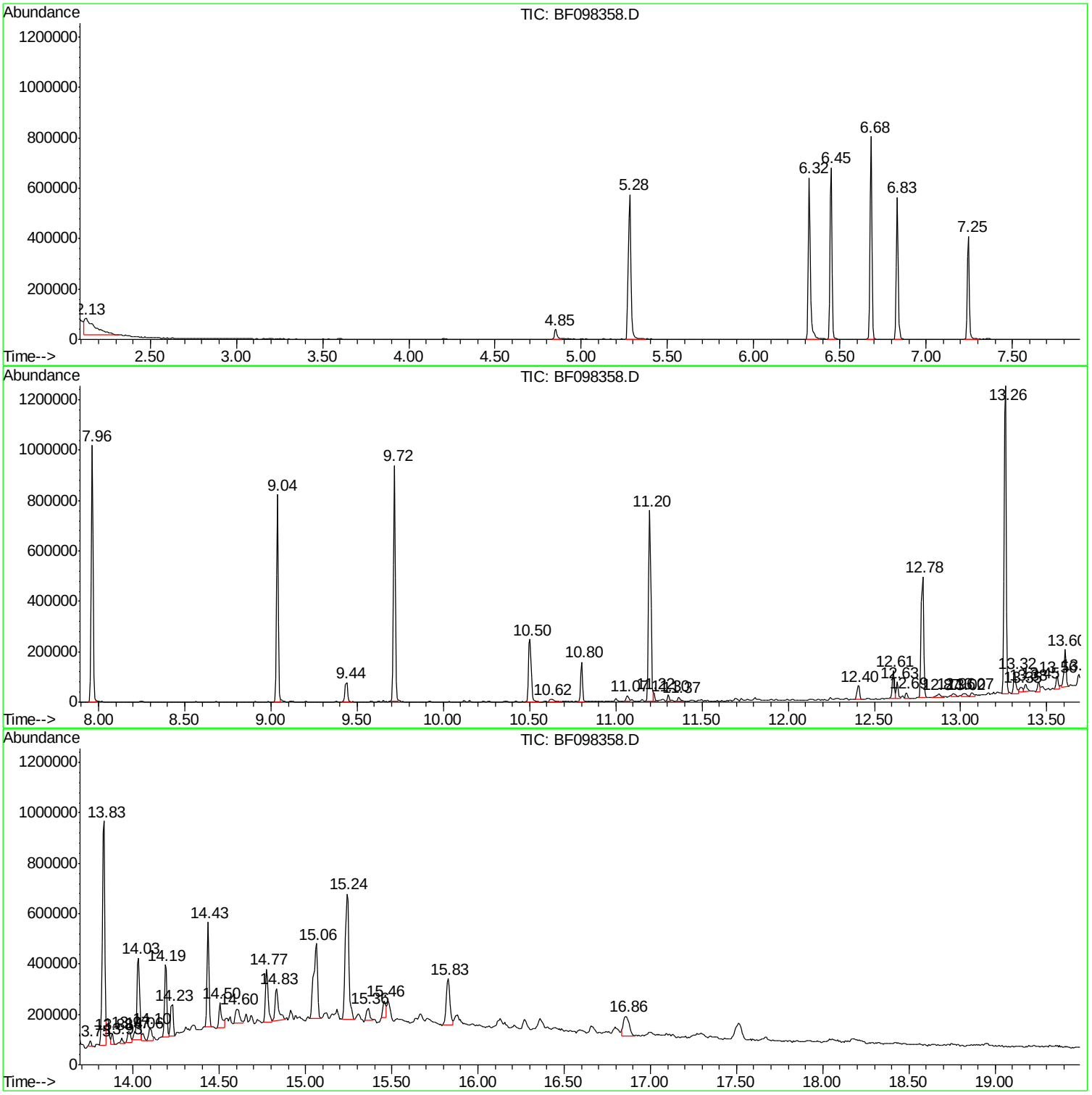
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098358.D
Acq On : 8 Sep 2017 18:47
Operator : SJ/JU
Sample : I5071-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G61A-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098358.D
Acq On : 8 Sep 2017 18:47
Operator : SJ/JU
Sample : I5071-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G61A-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

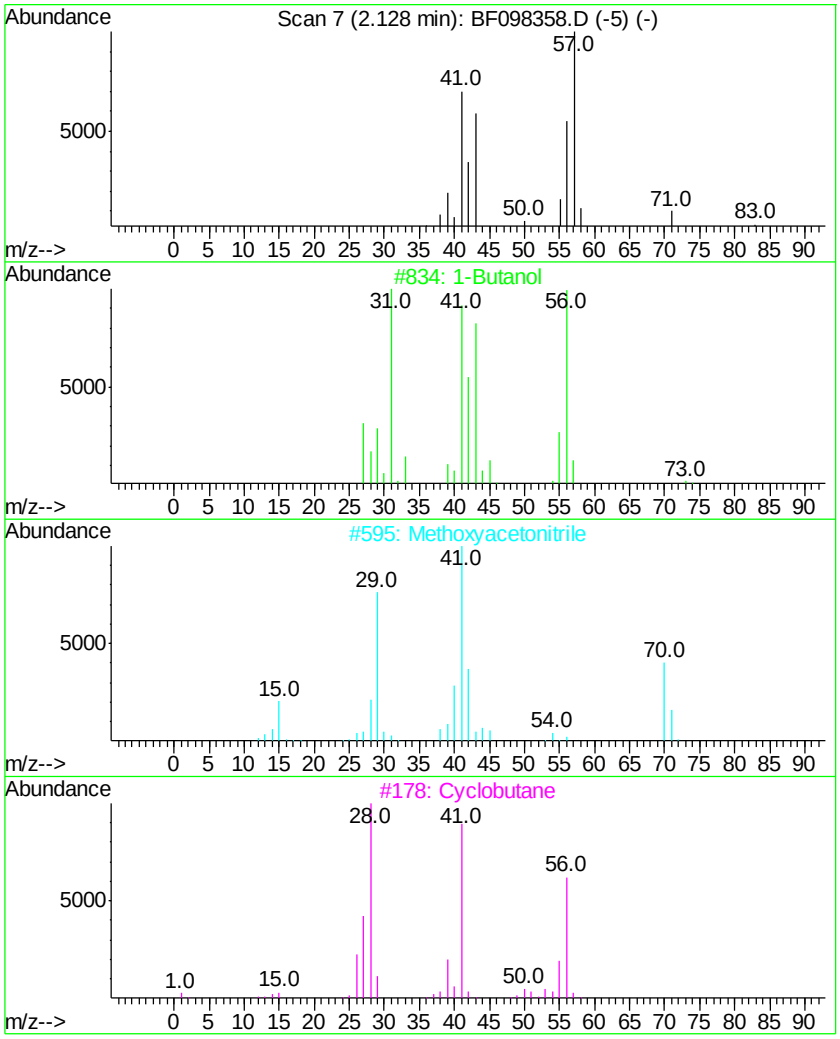
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

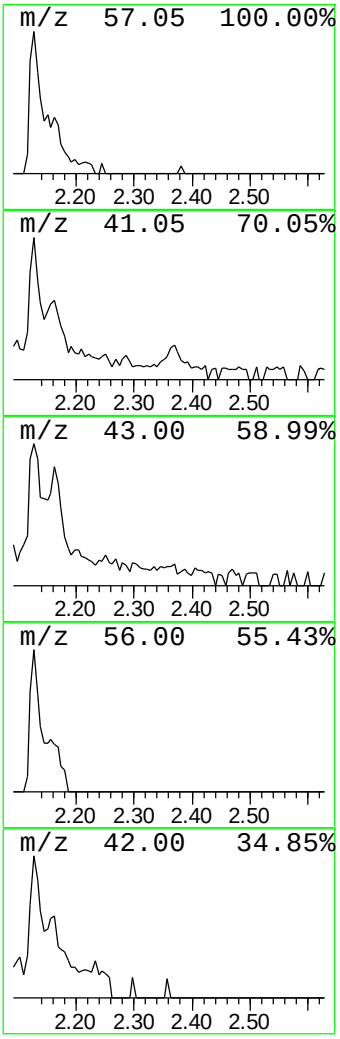
****

Peak Number 1 unknown2.13 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	8.62 ng	288578	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	33
2	Methoxyacetonitrile	71	C3H5NO	001738-36-9	9
3	Cyclobutane	56	C4H8	000287-23-0	9
4	(Aminomethyl)cyclopropane	71	C4H9N	002516-47-4	9
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	7





Library Search Compound Report

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Data File : BF098358.D
Acq On : 8 Sep 2017 18:47
Operator : SJ/JU
Sample : I5071-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G61A-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

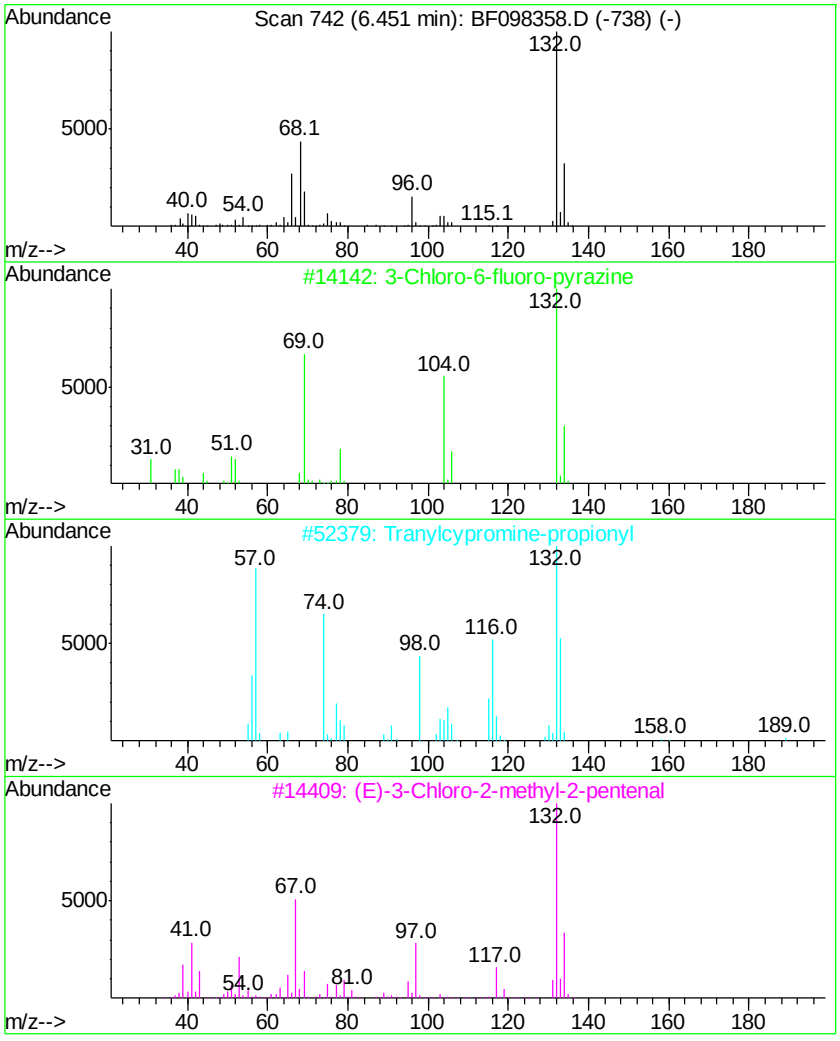
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

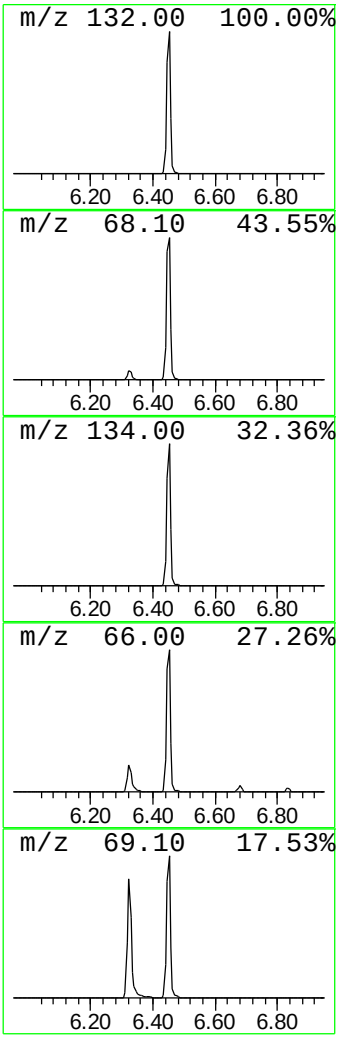
****

Peak Number 2 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	17.83 ng	596694	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
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Acq On : 8 Sep 2017 18:47
Operator : SJ/JU
Sample : I5071-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G61A-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

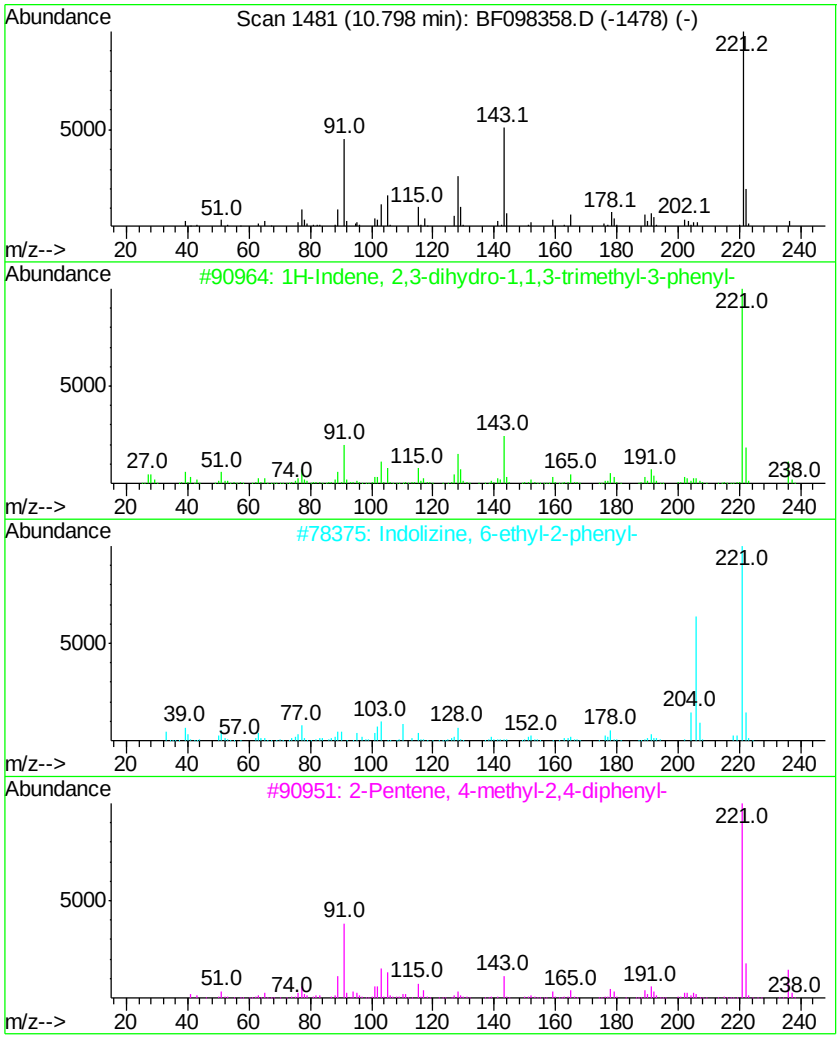
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

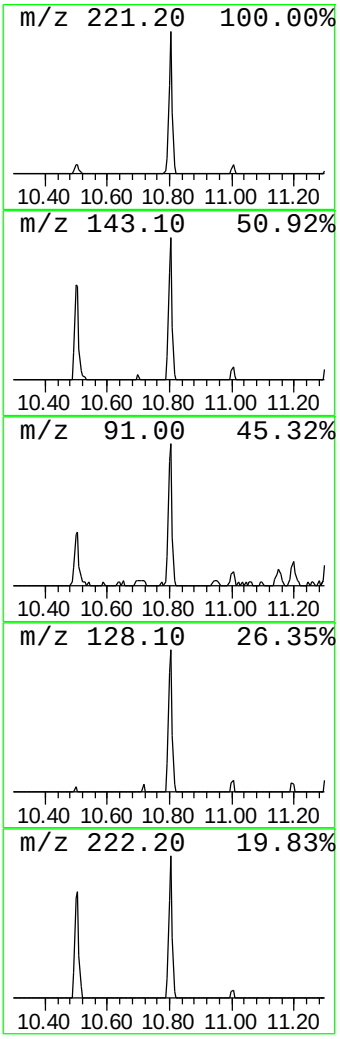
****

Peak Number 4 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	4.00 ng	127675	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	55
2	Indolizine, 6-ethyl-2-phenyl-	221	C16H15N	079373-01-6	47
3	2-Pentene, 4-methyl-2,4-diphenyl-	236	C18H20	006258-73-7	46
4	Benz[j]isoquinoline, 3,6,8-trime...	221	C16H15N	061171-16-2	43
5	Oxazole, 2,5-diphenyl-	221	C15H11NO	000092-71-7	38





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
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Acq On : 8 Sep 2017 18:47
Operator : SJ/JU
Sample : I5071-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G61A-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

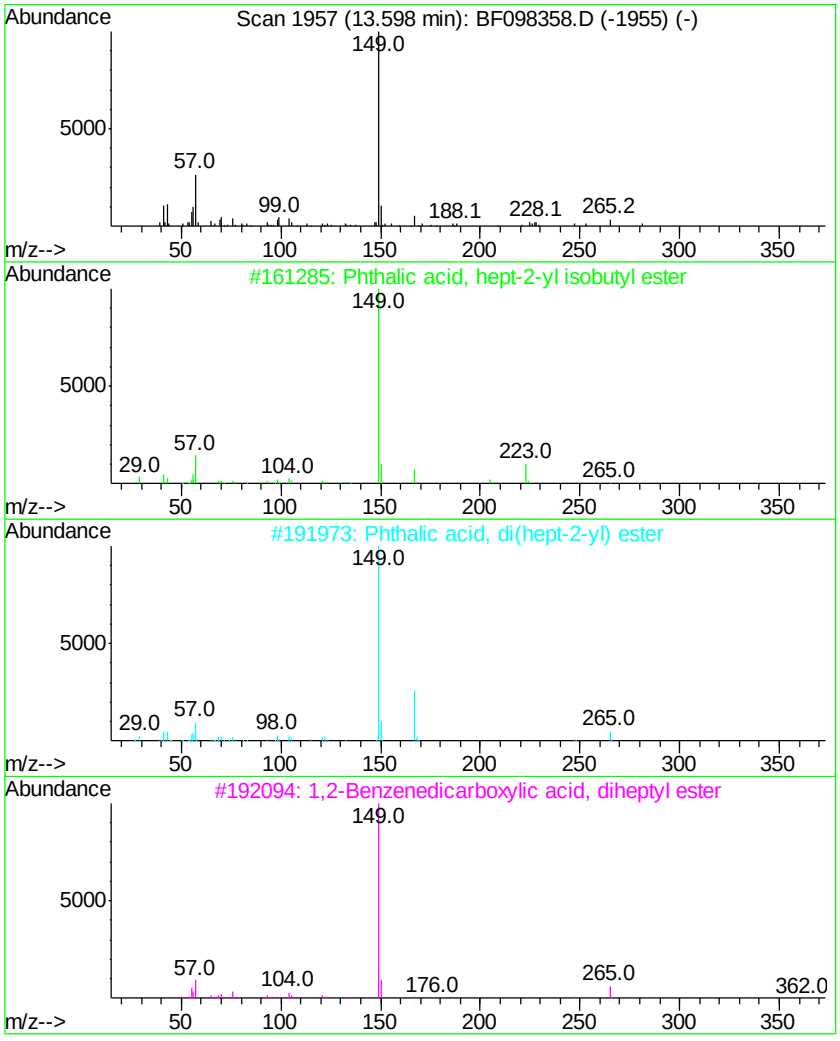
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

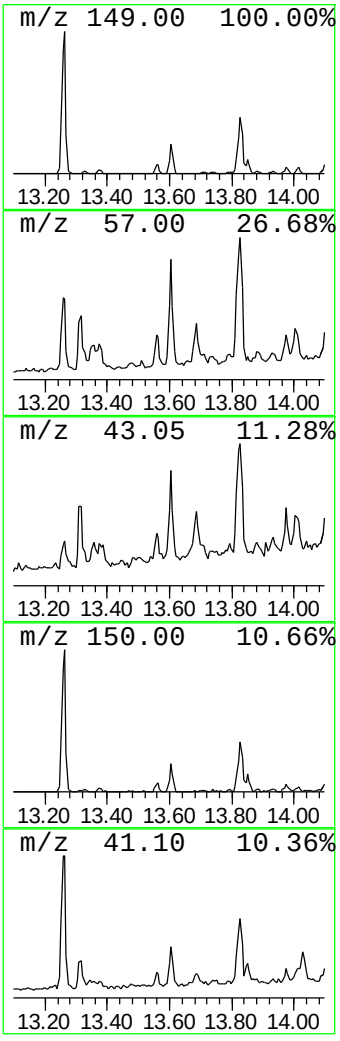
****

Peak Number 5 Phthalic acid, hept-2-yl is... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	2.60 ng	126547	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, hept-2-yl isobutyl...	320	C19H28O4	1000356-97-0	80
2	Phthalic acid, di(hept-2-yl) ester	362	C22H34O4	1000356-98-3	80
3	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	80
4	Phthalic acid, hept-3-yl hexyl e...	348	C21H32O4	1000356-99-0	78
5	Phthalic acid, 5-methylhex-2-yl ...	334	C20H30O4	1000371-08-9	72





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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G61A-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

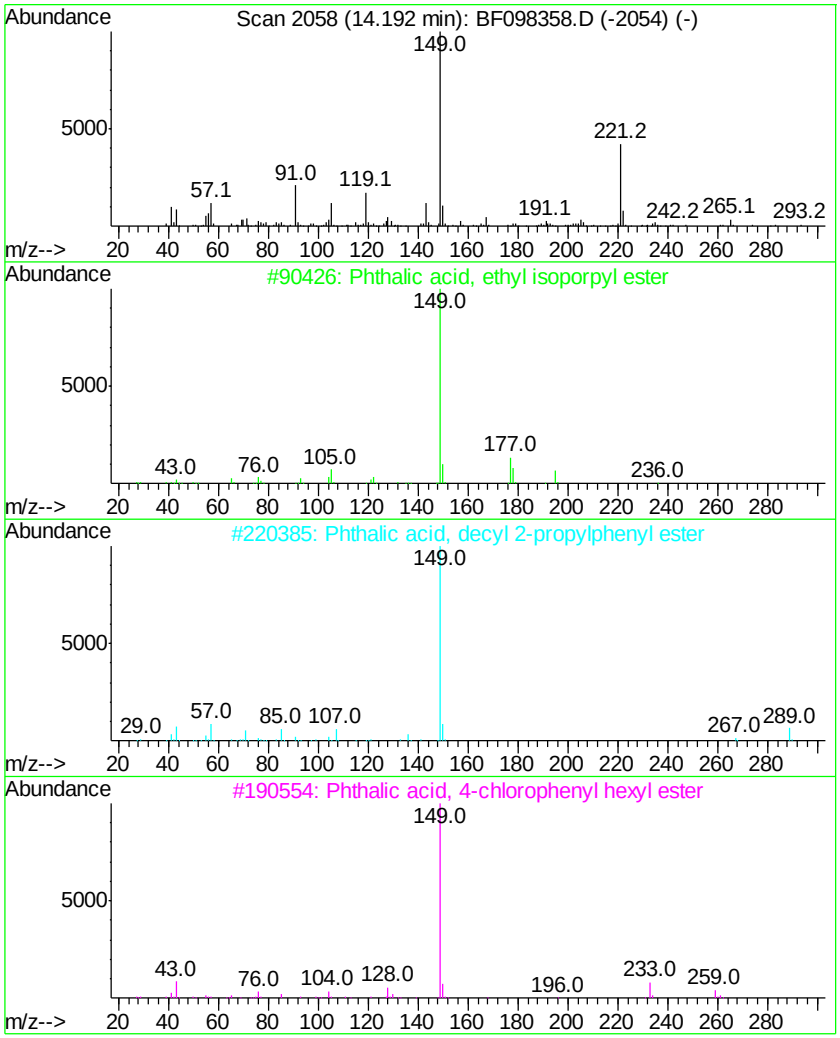
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

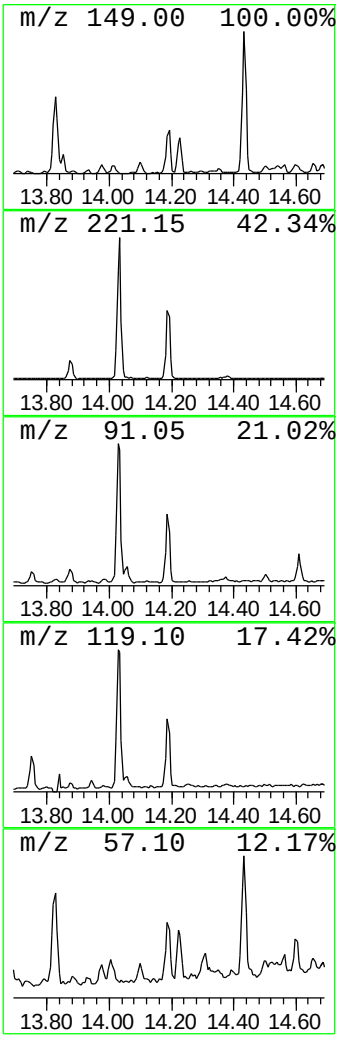
****

Peak Number 7 unknown14.19 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	5.99 ng	290876	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, ethyl isoporpyl e...	236	C13H16O4	1000314-99-6	43
2	Phthalic acid, decyl 2-propylphe...	424	C27H36O4	1000357-02-5	38
3	Phthalic acid, 4-chlorophenyl he...	360	C20H21ClO4	1000315-25-0	38
4	Phthalic acid, hexyl 2-methylphe...	340	C21H24O4	1000314-95-4	38
5	Phthalic acid, 2,4-dimethylpent-...	320	C19H28O4	1000356-84-3	38





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : G61A-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

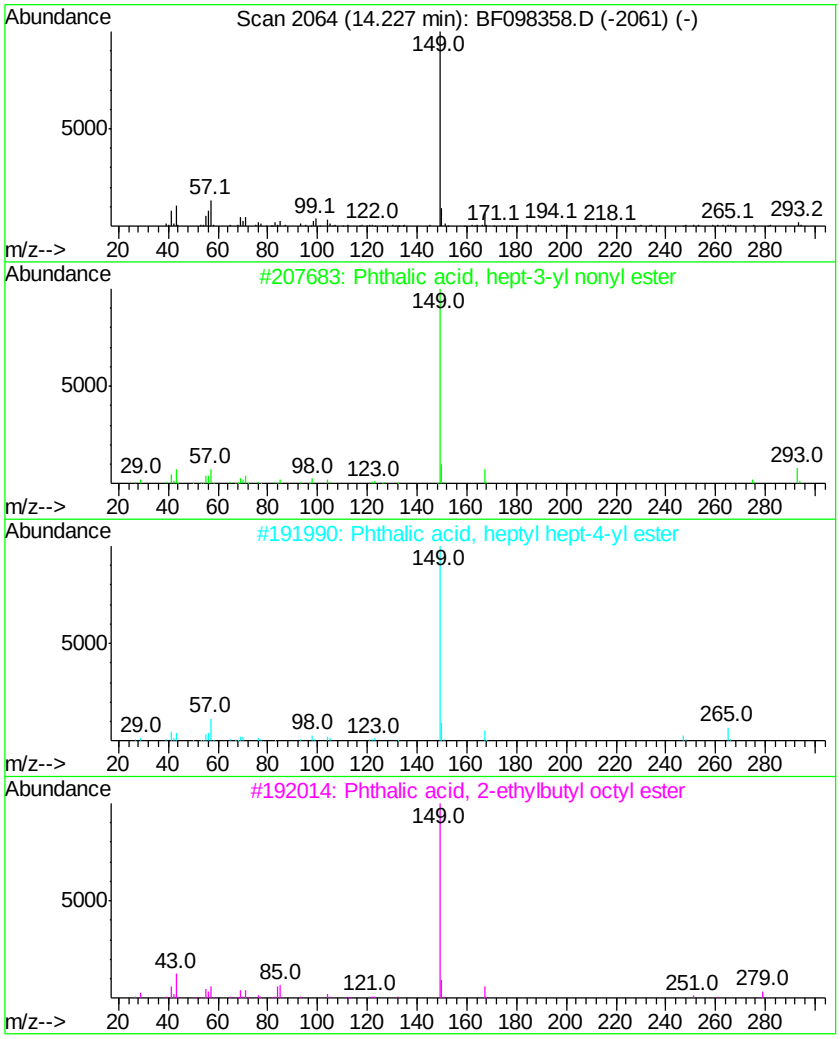
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

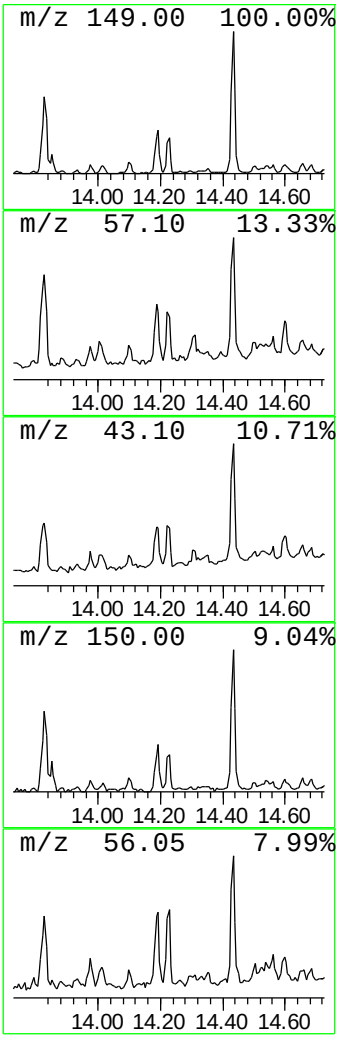
****

Peak Number 8 Phthalic acid, hept-3-yl no... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	2.30 ng	111678	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, hept-3-yl nonyl e...	390	C24H38O4	1000356-99-3	80
2	Phthalic acid, heptyl hept-4-yl ...	362	C22H34O4	1000356-78-8	80
3	Phthalic acid, 2-ethylbutyl octy...	362	C22H34O4	1000356-89-3	80
4	Phthalic acid, heptyl 6-methylhe...	376	C23H36O4	1000377-96-1	80
5	Phthalic acid, heptyl hept-3-yl ...	362	C22H34O4	1000356-99-1	80





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098358.D
Acq On : 8 Sep 2017 18:47
Operator : SJ/JU
Sample : I5071-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G61A-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

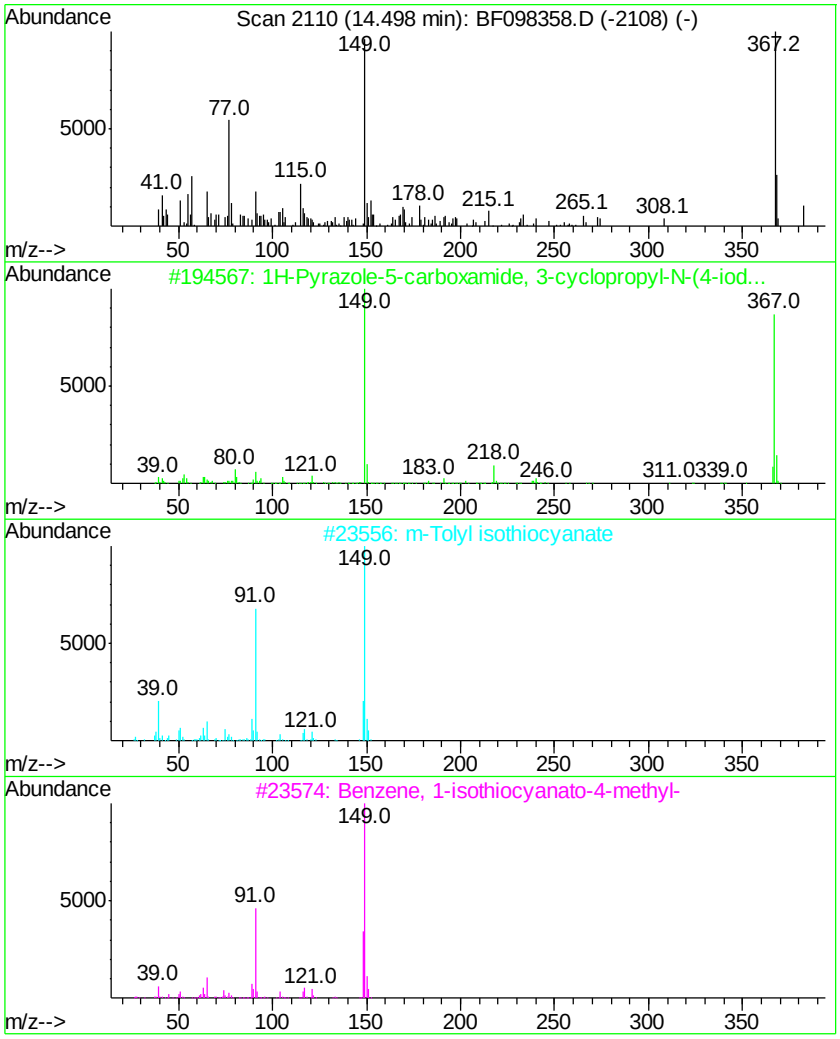
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

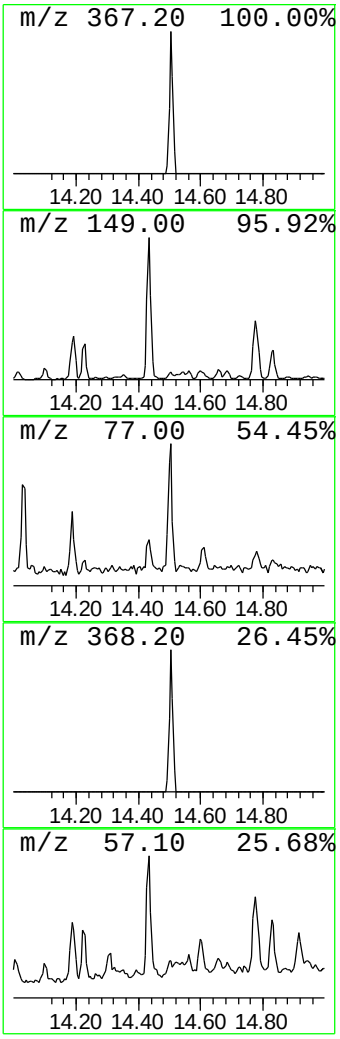
****

Peak Number 9 unknown14.50 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	2.70 ng	130961	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole-5-carboxamide, 3-cyc...	367	C14H14IN3O	1000351-57-7	43
2	m-Tolyl isothiocyanate	149	C8H7NS	000621-30-7	11
3	Benzene, 1-isothiocyanato-4-methyl-	149	C8H7NS	000622-59-3	11
4	Phthalic acid, 4-chloro-3-methyl...	430	C25H31ClO4	1000309-85-1	10
5	Phthalic acid, isobutyl isoporpy...	264	C15H20O4	1000315-00-3	10





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Operator : SJ/JU
Sample : I5071-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G61A-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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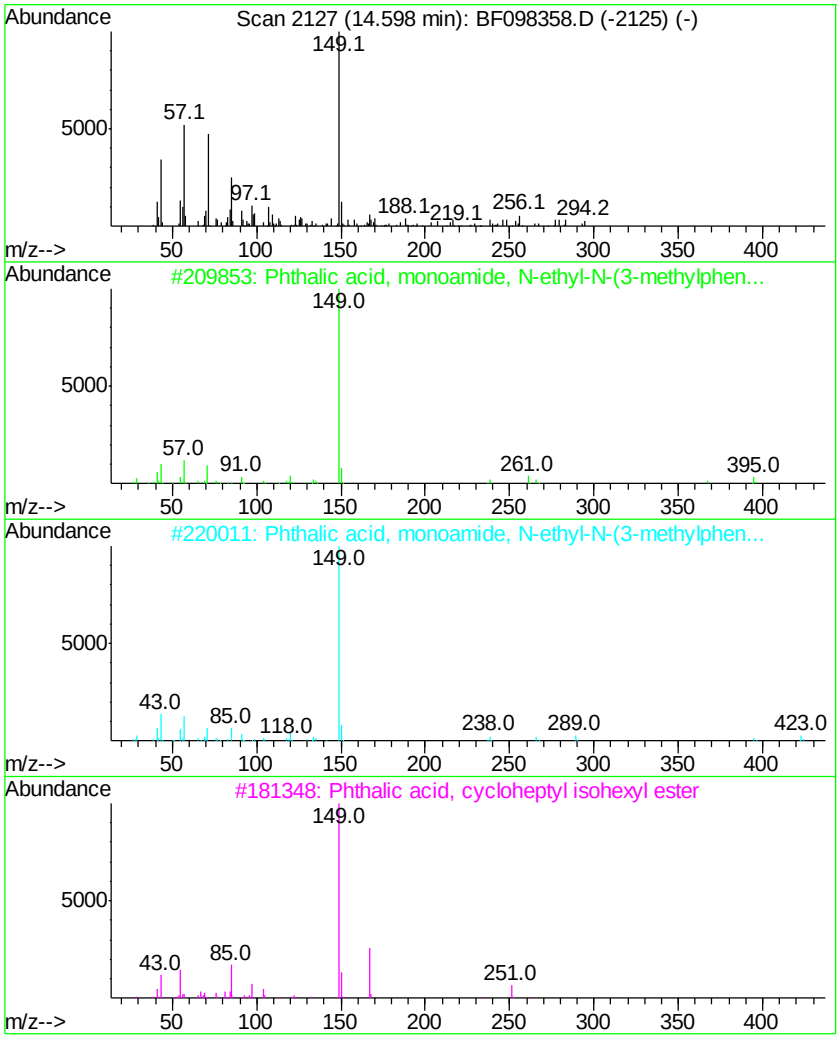
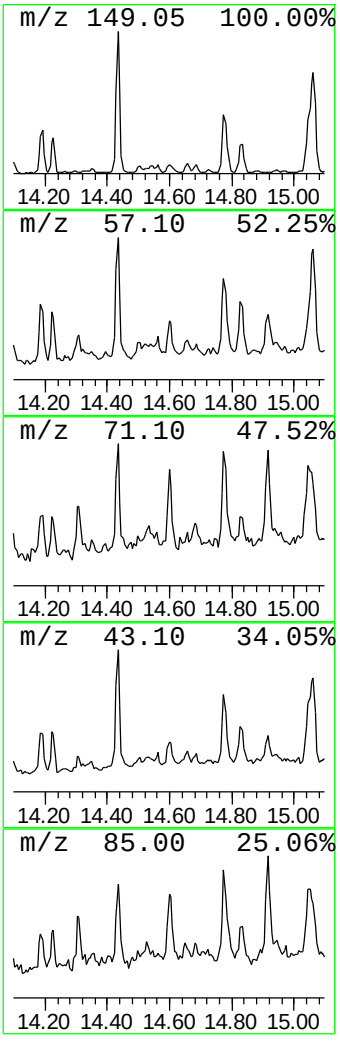
Peak Number 10 unknown14.60 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.55 ng	84848	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, monoamide, N-ethy...	395	C25H33NO3	1000309-86-2	43
2	Phthalic acid, monoamide, N-ethy...	423	C27H37NO3	1000309-86-4	43
3	Phthalic acid, cycloheptyl isohe...	346	C21H30O4	1000322-83-1	35
4	Phthalic acid, monoamide, N-isop...	319	C19H29NO3	1000314-85-2	27
5	Benzothiazole, 2-methyl-	149	C8H7NS	000120-75-2	27





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Acq On : 8 Sep 2017 18:47
Operator : SJ/JU
Sample : I5071-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G61A-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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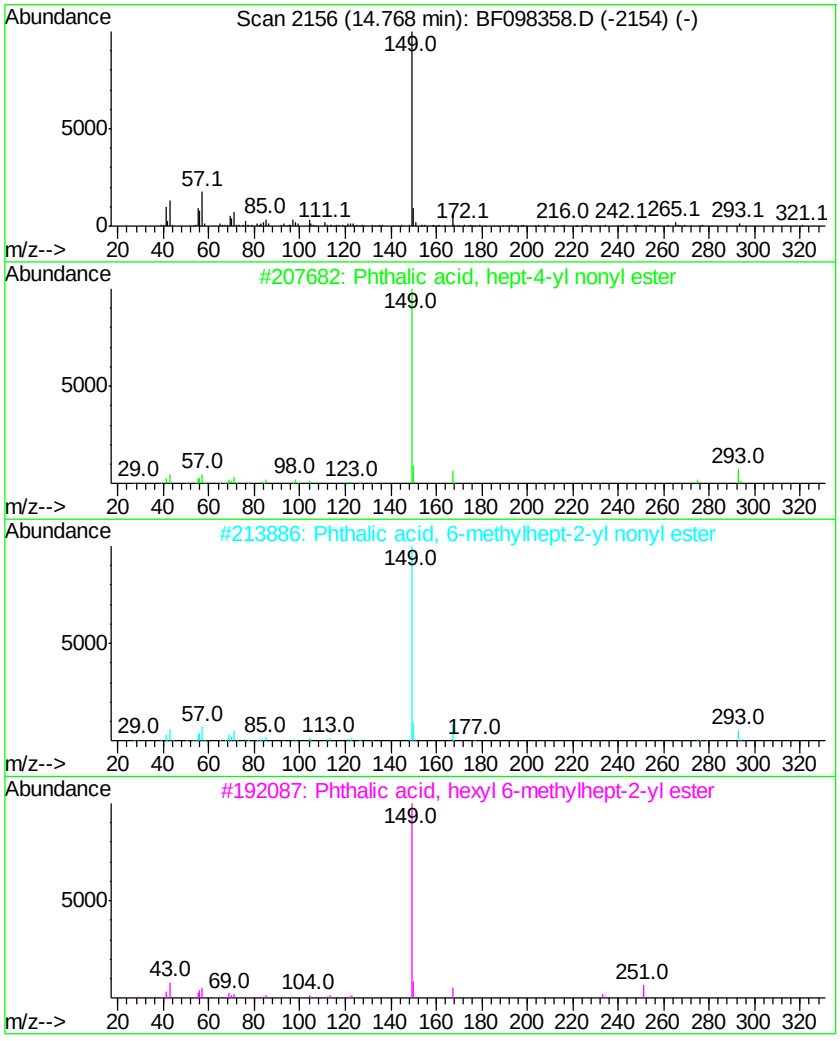
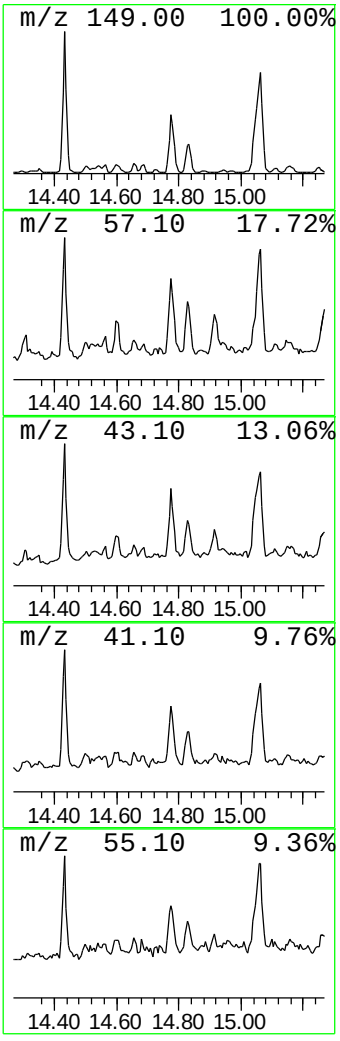
Peak Number 11 Phthalic acid, hept-4-yl no... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	7.36 ng	245316	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, hept-4-yl nonyl e...	390	C24H38O4	1000356-79-0	86
2	Phthalic acid, 6-methylhept-2-yl...	404	C25H40O4	1000377-96-3	86
3	Phthalic acid, hexyl 6-methylhep...	362	C22H34O4	1000377-96-0	86
4	1,2-Benzenedicarboxylic acid, is...	418	C26H42O4	001330-96-7	86
5	Phthalic acid, heptyl 4-octyl ester	376	C23H36O4	1000314-84-1	80





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Operator : SJ/JU
Sample : I5071-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G61A-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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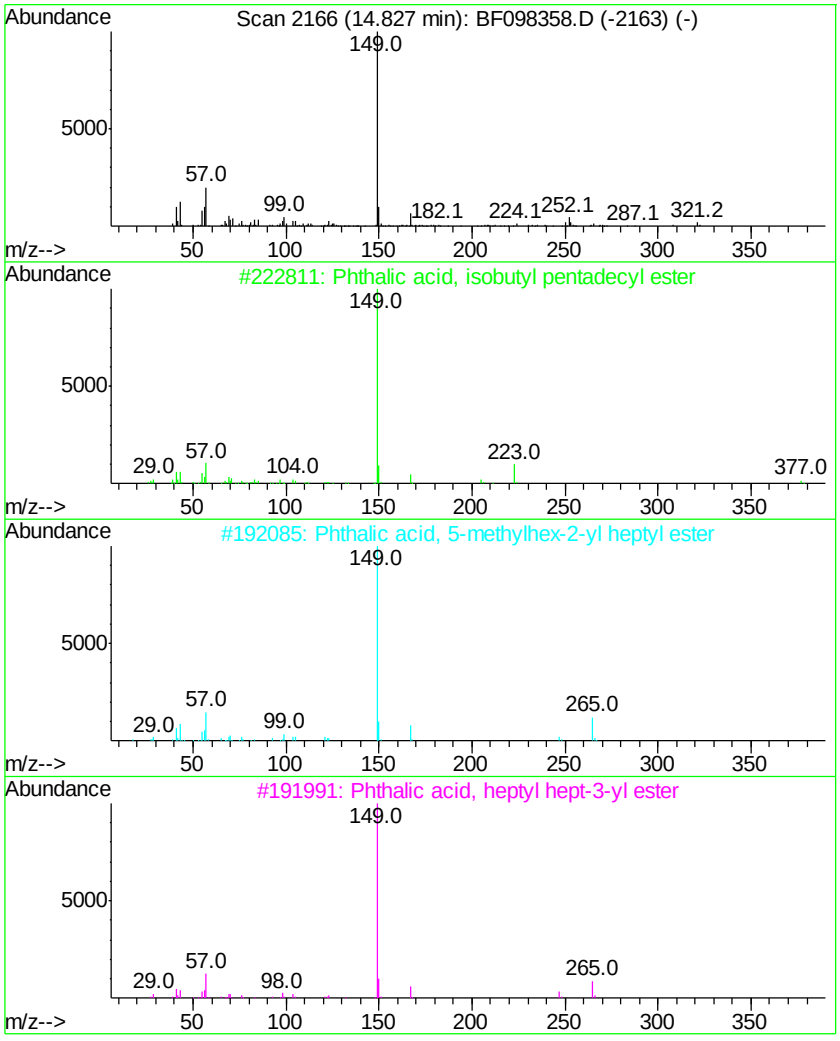
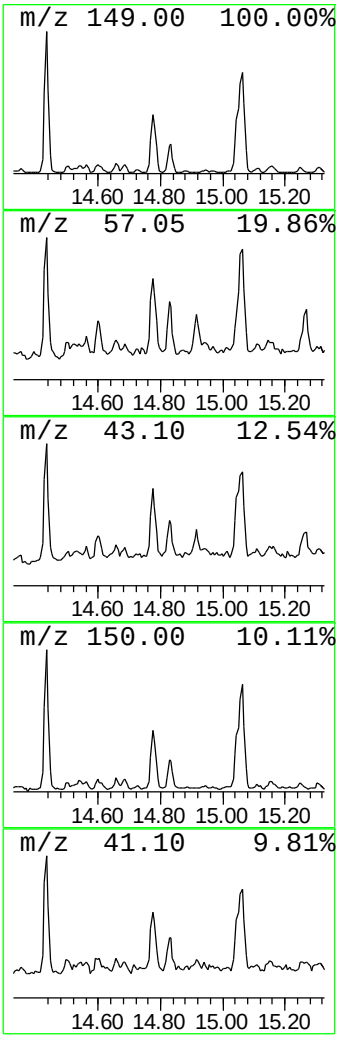
Peak Number 12 Phthalic acid, isobutyl pen... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	5.76 ng	191983	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, isobutyl pentadec...	432	C27H44O4	1000309-07-3	64
2	Phthalic acid, 5-methylhex-2-yl ...	362	C22H34O4	1000371-08-7	64
3	Phthalic acid, heptyl hept-3-yl ...	362	C22H34O4	1000356-99-1	64
4	Phthalic acid, isobutyl 2-pentyl...	292	C17H24O4	1000315-48-6	59
5	Phthalic acid, hex-3-yl isobutyl...	306	C18H26O4	1000356-95-4	59





Library Search Compound Report

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Acq On : 8 Sep 2017 18:47
Operator : SJ/JU
Sample : I5071-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G61A-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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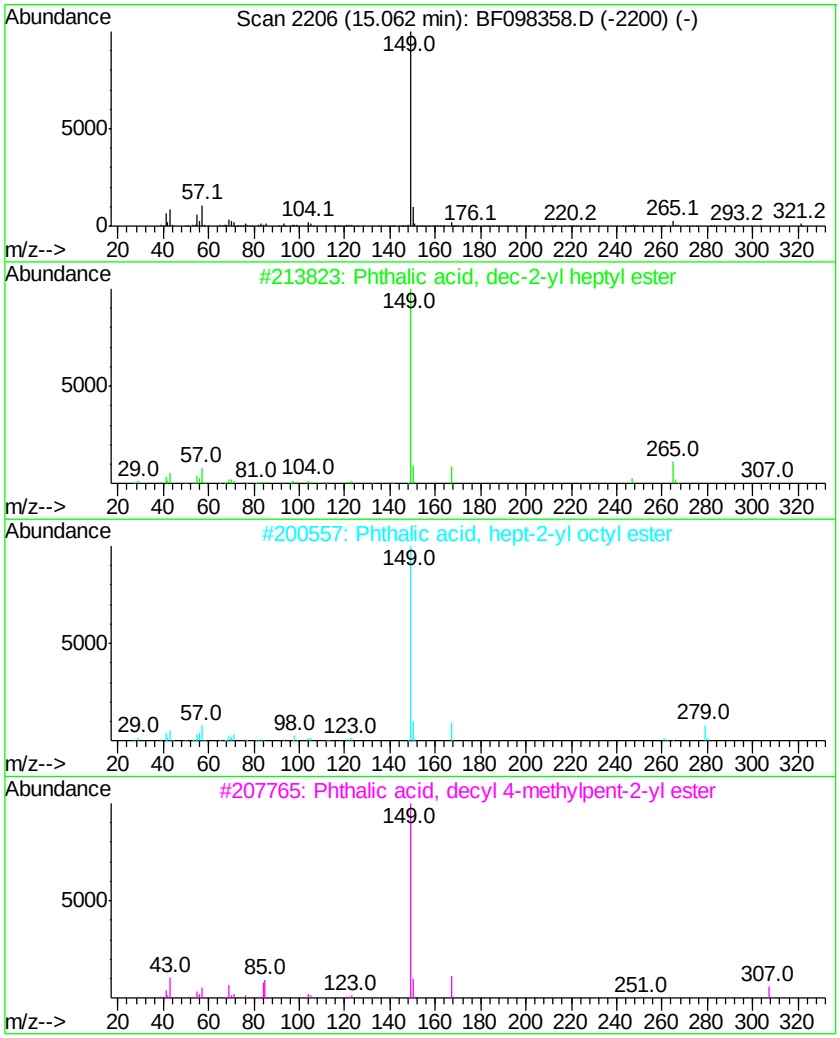
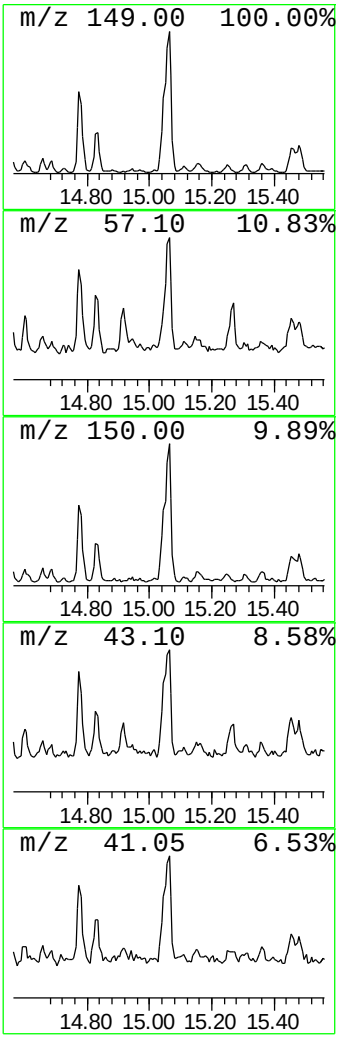
Peak Number 13 Phthalic acid, dec-2-yl hep... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	13.79 ng	459480	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, dec-2-yl heptyl e...	404	C25H40O4	1000356-94-3	86
2	Phthalic acid, hept-2-yl octyl e...	376	C23H36O4	1000356-97-5	72
3	Phthalic acid, decyl 4-methylpen...	390	C24H38O4	1000356-88-0	72
4	Phthalic acid, 8-chlorooctyl und...	466	C27H43ClO4	1000356-86-6	72
5	Phthalic acid, heptyl hept-3-yl ...	362	C22H34O4	1000356-99-1	72





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Operator : SJ/JU
Sample : I5071-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G61A-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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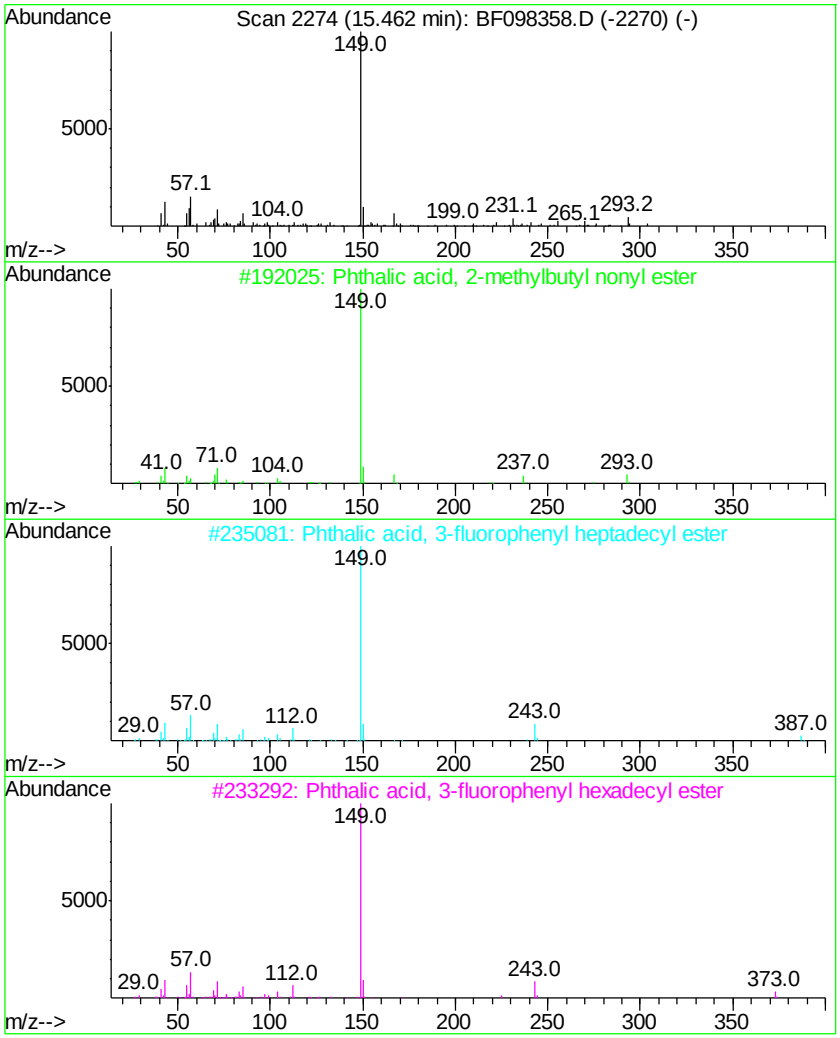
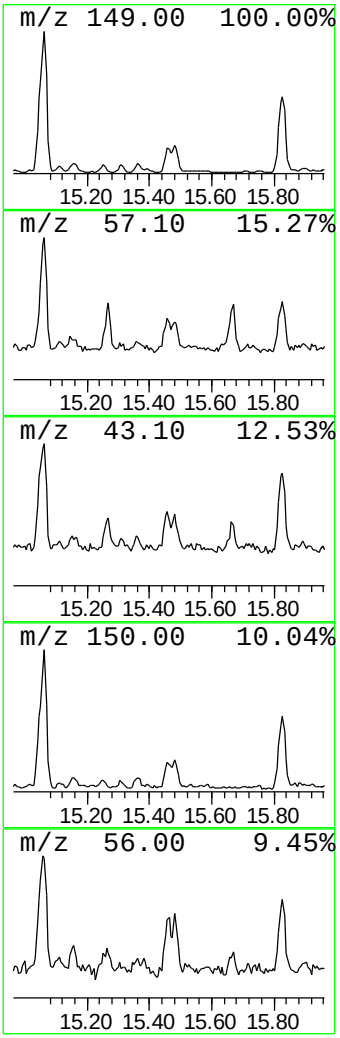
Peak Number 14 Phthalic acid, 2-methylbuty... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	2.56 ng	85264	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2-methylbutyl non...	362	C22H34O4	1000322-81-7	72
2	Phthalic acid, 3-fluorophenyl he...	498	C31H43FO4	1000356-66-2	72
3	Phthalic acid, 3-fluorophenyl he...	484	C30H41FO4	1000356-66-4	72
4	Phthalic acid, heptyl 4-methoxyp...	370	C22H26O5	1000309-10-4	64
5	Phthalic acid, propyl octadecyl ...	460	C29H48O4	1000308-96-7	64





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Operator : SJ/JU
Sample : I5071-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G61A-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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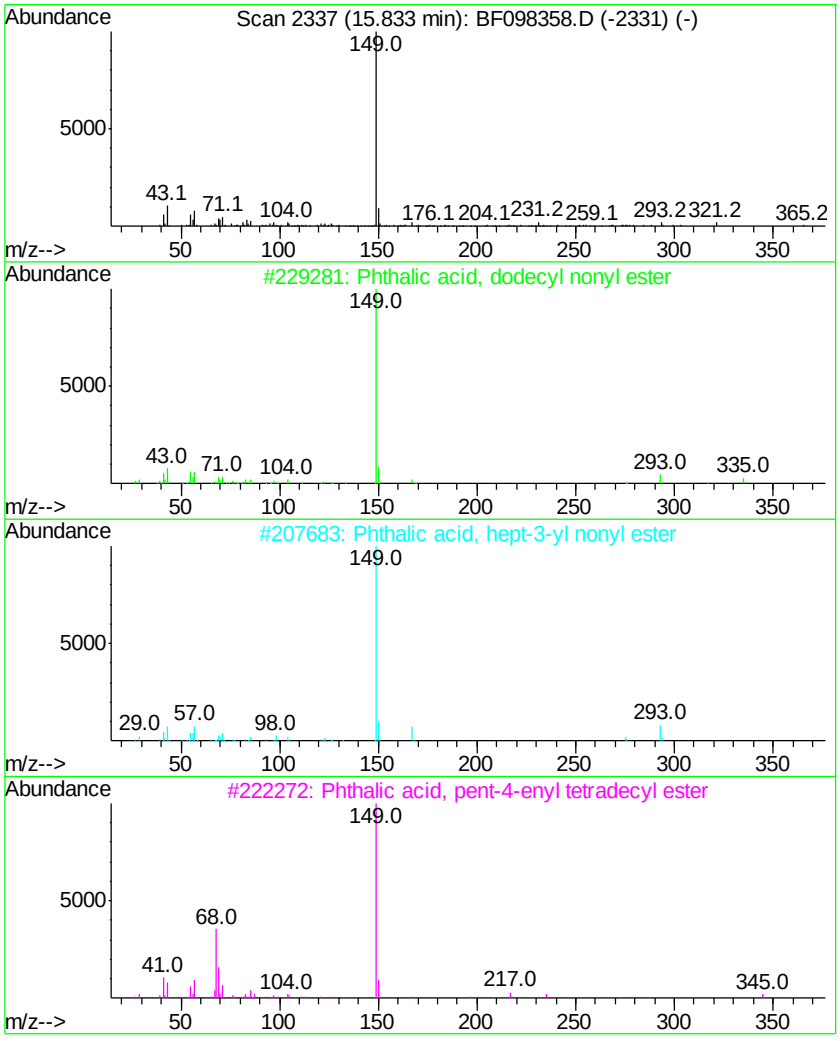
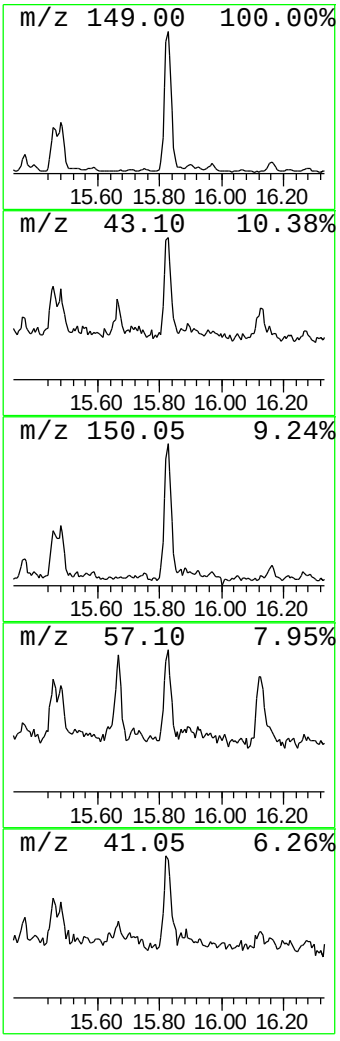
Peak Number 15 Phthalic acid, dodecyl nony... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	9.01 ng	300307	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, dodecyl nonyl ester	460	C29H48O4	1000308-92-6	86
2	Phthalic acid, hept-3-yl nonyl e...	390	C24H38O4	1000356-99-3	86
3	Phthalic acid, pent-4-enyl tetra...	430	C27H42O4	1000360-47-3	80
4	1,2-Benzenedicarboxylic acid, is...	418	C26H42O4	001330-96-7	80
5	1,2-Benzenedicarboxylic acid, di...	474	C30H50O4	003648-20-2	80





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Acq On : 8 Sep 2017 18:47
Operator : SJ/JU
Sample : I5071-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G61A-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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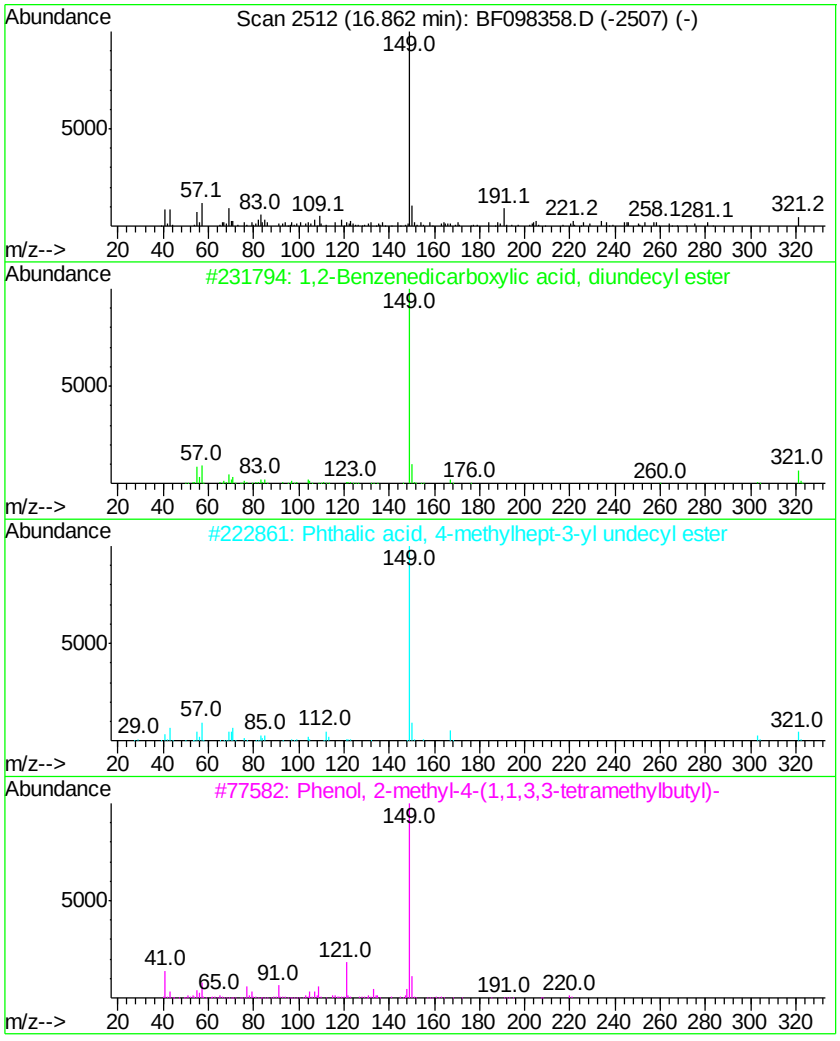
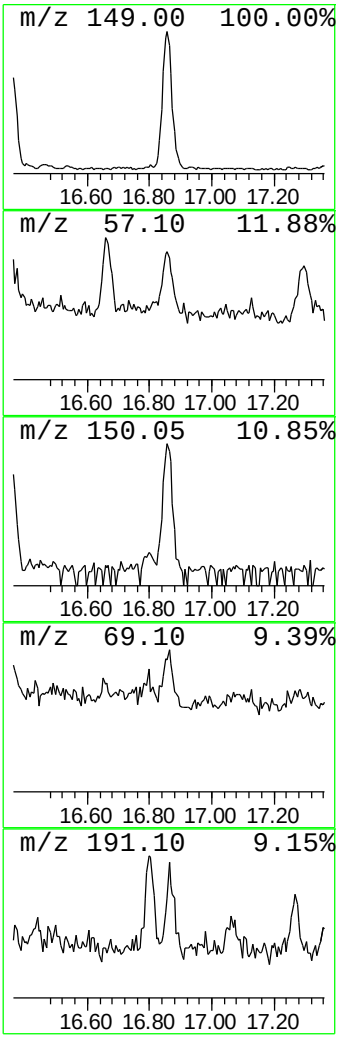
Peak Number 16 1,2-Benzenedicarboxylic aci... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	5.57 ng	185758	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	474	C30H50O4	003648-20-2	72
2	Phthalic acid, 4-methylhept-3-yl...	432	C27H44O4	1000377-94-6	72
3	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	68
4	Phthalic acid, 3-fluorophenyl he...	484	C30H41FO4	1000356-66-4	64
5	Phthalic acid, isobutyl tridec-2...	400	C25H36O4	1000315-44-3	64





Tentatively Identified Compound (LSC) summary

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Data File : BF098358.D
Acq On : 8 Sep 2017 18:47
Operator : SJ/JU
Sample : I5071-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G61A-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
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TIC Integration Parameters: LSCINT.P

					Internal Standard			
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unknown6.45	6.45	17.8	ng	596694	1	6.68	669322	20.0
1H-Indene, 2,3-di...	10.80	4.0	ng	127675	4	11.20	639072	20.0
Phthalic acid, he...	13.60	2.6	ng	126547	5	13.83	971651	20.0
unknown14.19	14.19	6.0	ng	290876	5	13.83	971651	20.0
Phthalic acid, he...	14.23	2.3	ng	111678	5	13.83	971651	20.0
unknown14.50	14.50	2.7	ng	130961	5	13.83	971651	20.0
unknown14.60	14.60	2.5	ng	84848	6	15.24	666596	20.0
Phthalic acid, he...	14.77	7.4	ng	245316	6	15.24	666596	20.0
Phthalic acid, is...	14.83	5.8	ng	191983	6	15.24	666596	20.0
Phthalic acid, de...	15.06	13.8	ng	459480	6	15.24	666596	20.0
Phthalic acid, 2-...	15.46	2.6	ng	85264	6	15.24	666596	20.0
Phthalic acid, do...	15.83	9.0	ng	300307	6	15.24	666596	20.0
1,2-Benzenedicarb...	16.86	5.6	ng	185758	6	15.24	666596	20.0