LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110983.D
Acq On : 27 Nov 2018 00:14
Operator : JU/SJ
Sample : J6055-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RICH-REC-ROAD-STONE-7

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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	2.246	22	27	40	rVB	102924	144405	10.98%	1.136%
2	4.563	417	421	444	rBV	193964	279628	21.27%	2.200%
3	5.169	520	524	545	rBV	243402	334745	25.46%	2.633%
4	5.563	588	591	611	rBV	490620	605976	46.09%	4.767%
5	6.569	758	762	782	rBV	1057672	1237909	94.15%	9.738%
6	6.710	782	786	802	rVB	925134	849803	64.63%	6.685%
7	6.939	821	825	831	rBV	326073	316098	24.04%	2.487%
8	6.987	831	833	842	rVB	26842	31754	2.42%	0.250%
9	7.092	847	851	871	rBV	1187567	1045530	79.52%	8.225%
10	7.439	907	910	914	rBV	17532	21181	1.61%	0.167%
11	7.504	914	921	939	rVV	699610	771548	58.68%	6.069%
12	7.716	953	957	960	rBV3	15786	27409	2.08%	0.216%
13	8.222	1040	1043	1060	rVB	332953	377227	28.69%	2.967%
14	9.292	1221	1225	1234	rBV	1539799	1314815	100.00%	10.343%
15	9.686	1286	1292	1302	rBV	105931	125850	9.57%	0.990%
16	9.980	1338	1342	1353	rVB	395495	353650	26.90%	2.782%
17	10.780	1475	1478	1485	rBV	60449	74448	5.66%	0.586%
18	10.857	1489	1491	1495	rBV3	16465	19814	1.51%	0.156%
19	10.898	1495	1498	1502	rVV	15187	16941	1.29%	0.133%
20	11.480	1593	1597	1607	rBV	332225	365489	27.80%	2.875%
21	11.974	1677	1681	1686	rBV2	15796	26169	1.99%	0.206%
22	12.286	1731	1734	1738	rBV	57578	54878	4.17%	0.432%
23	12.533	1773	1776	1778	rBV	30504	30553	2.32%	0.240%
24	12.557	1778	1780	1785	rVB	27060	24938	1.90%	0.196%
25	12.704	1802	1805	1809	rVB	25702	22085	1.68%	0.174%
26	12.904	1836	1839	1842	rBV2	18669	20892	1.59%	0.164%
27	12.933	1842	1844	1849	rVB	28683	29635	2.25%	0.233%
28	13.057	1861	1865	1869	rBV	1173042	1120326	85.21%	8.813%
29	13.257	1893	1899	1903	rBV4	30781	48758	3.71%	0.384%
30	13.604	1955	1958	1961	rBV	35670	36336	2.76%	0.286%
31	13.933	2011	2014	2023	rBV	108712	143029	10.88%	1.125%
32	14.068	2035	2037	2041	rBV	35334	38557	2.93%	0.303%
33	14.133	2045	2048	2055	rVV	235956	265741	20.21%	2.090%
34	14.245	2064	2067	2071	rBV2	56296	63345	4.82%	0.498%

LSC Area Percent Report

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Sample : J6055-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RICH-REC-ROAD-STONE-7

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.551	2116	2119	2121	rBV2	90776	101862	7.75%	0.801%
36	14.598	2124	2127	2129	rVB	90495	86912	6.61%	0.684%
37	14.668	2132	2139	2140	rBV2	170948	306859	23.34%	2.414%
38	14.774	2155	2157	2160	rBV	84812	79020	6.01%	0.622%
39	14.827	2164	2166	2168	rVV	114990	85449	6.50%	0.672%
40	14.868	2168	2173	2179	rVB	314563	536545	40.81%	4.221%
41	14.921	2179	2182	2184	rBV	157124	147330	11.21%	1.159%
42	14.974	2189	2191	2194	rVV	123623	136532	10.38%	1.074%
43	15.010	2195	2197	2203	rVV	162360	197500	15.02%	1.554%
44	15.068	2205	2207	2211	rVB	150375	148637	11.30%	1.169%
45	15.110	2212	2214	2221	rVB	108761	172541	13.12%	1.357%
46	15.168	2221	2224	2227	rVB	54440	55306	4.21%	0.435%
47	15.215	2229	2232	2238	rVB2	99492	135928	10.34%	1.069%
48	15.615	2296	2300	2306	rVB2	57053	85028	6.47%	0.669%
49	15.674	2307	2310	2319	rVB	138035	197341	15.01%	1.552%

Sum of corrected areas: 12712252

LSC Report - Integrated Chromatogram

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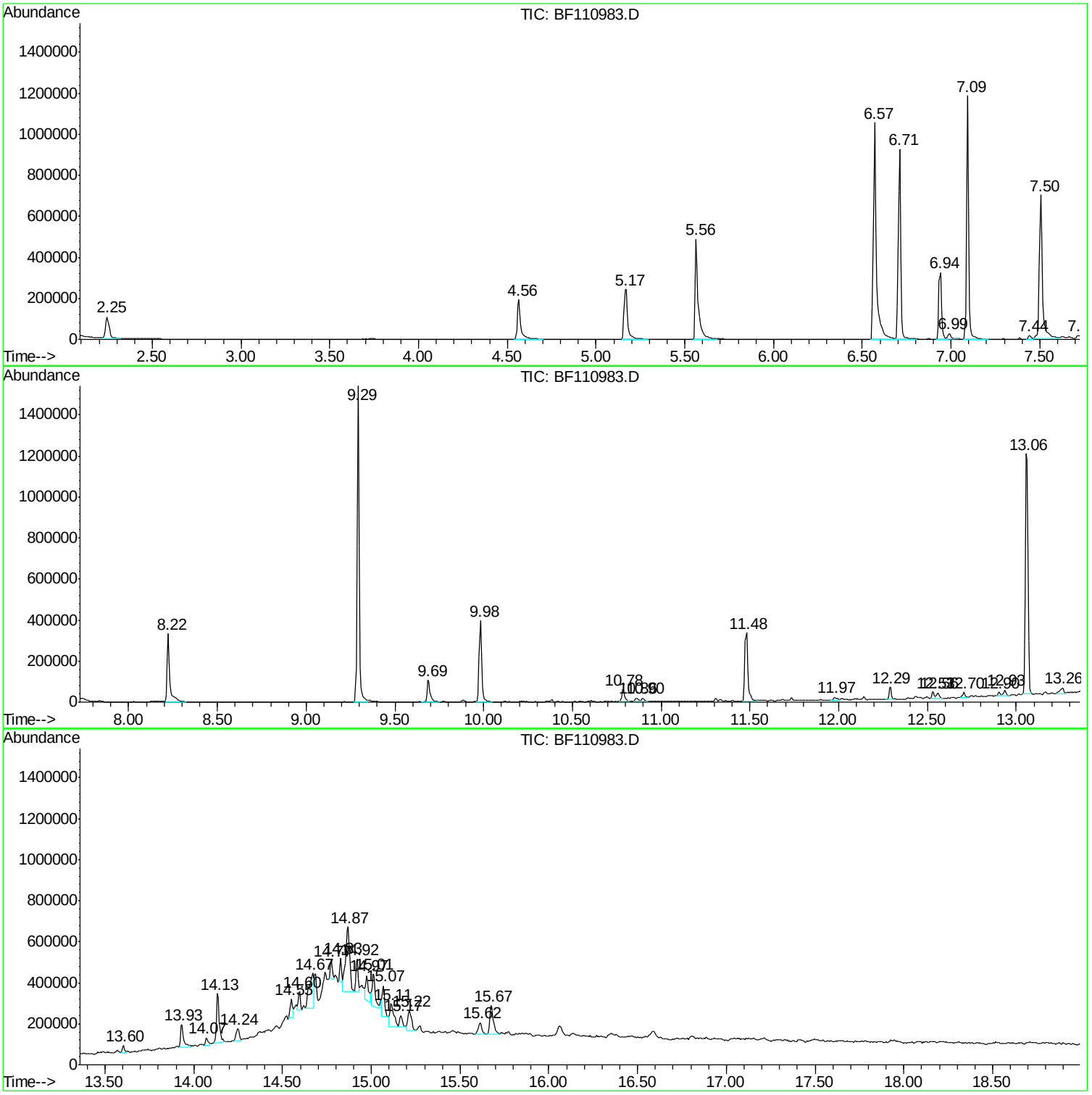
Operator : JU/SJ
Sample : J6055-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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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Data File : BF110983.D
Acq On : 27 Nov 2018 00:14
Operator : JU/SJ
Sample : J6055-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

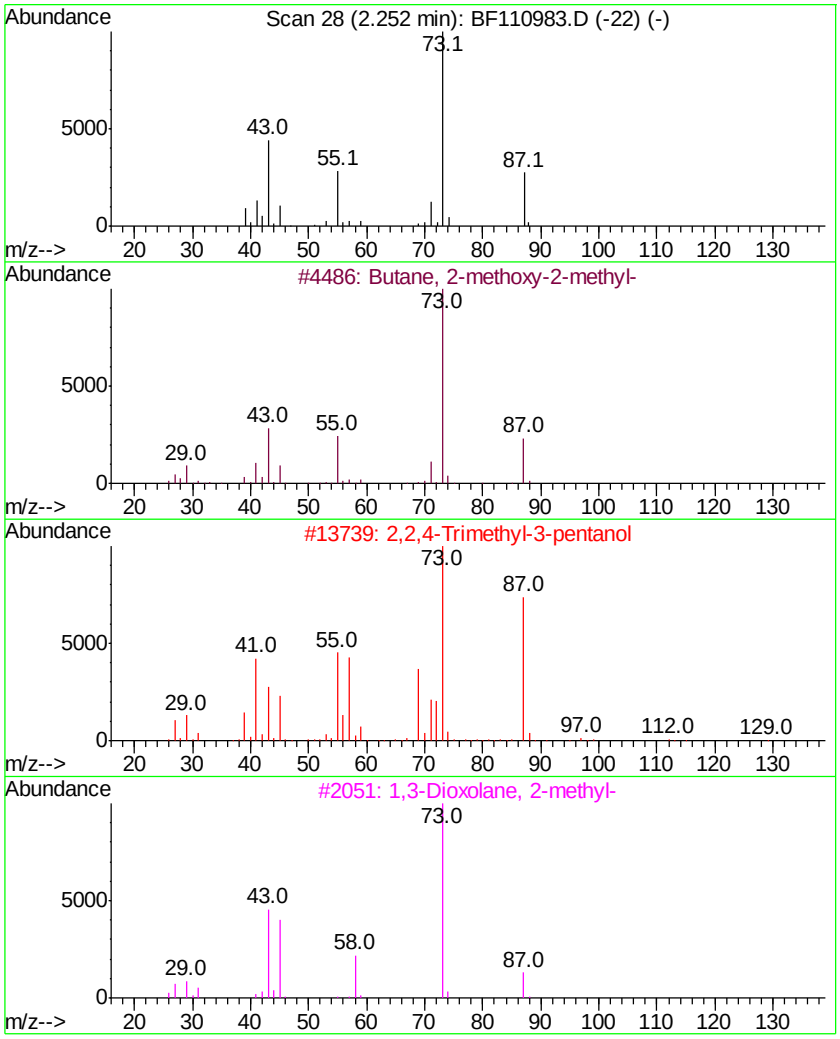
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

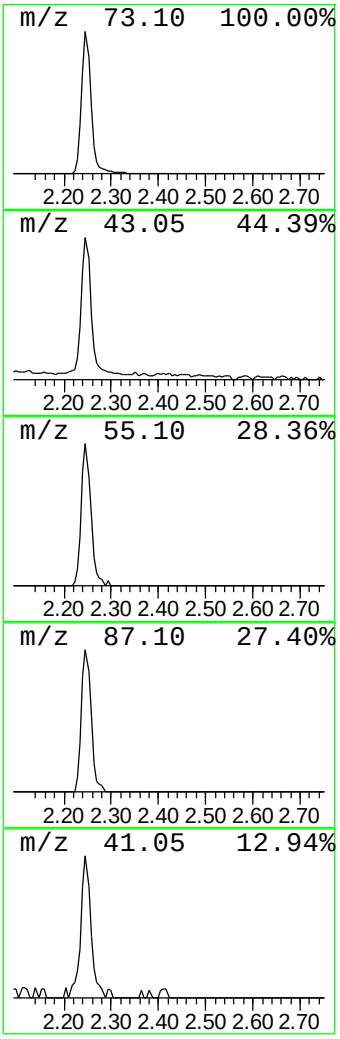
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.25	9.14 ng	144405	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12





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Operator : JU/SJ
Sample : J6055-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RICH-REC-ROAD-STONE-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

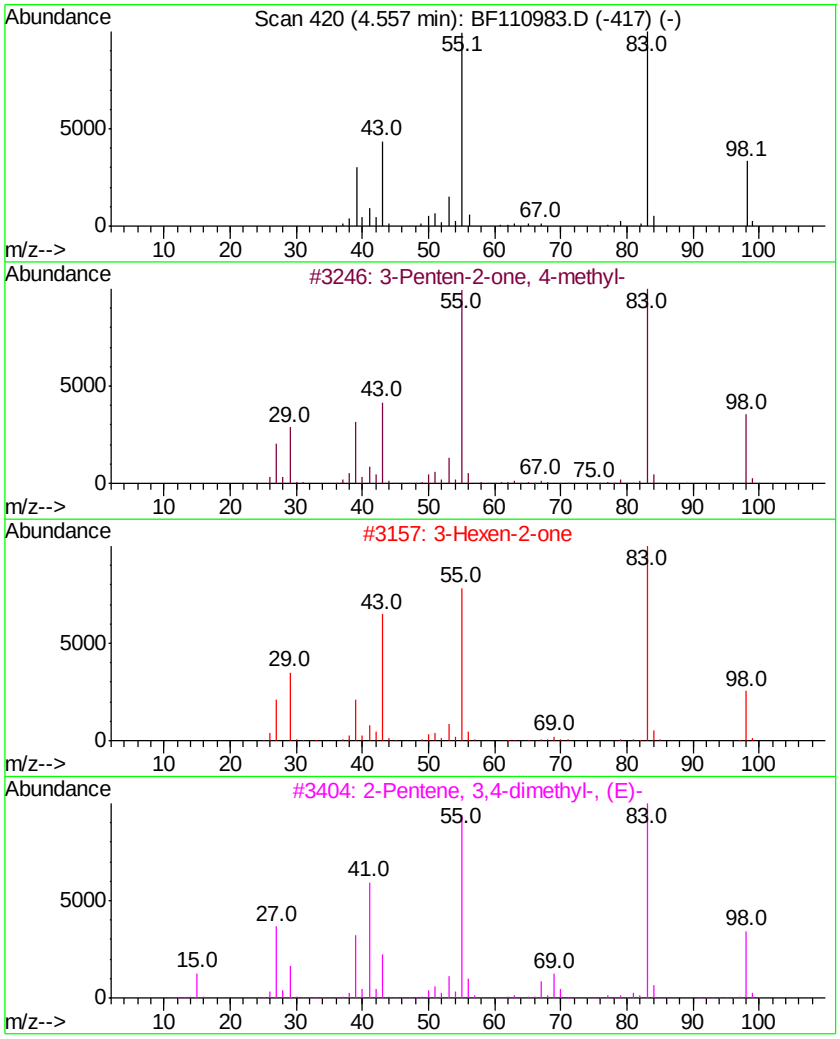
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

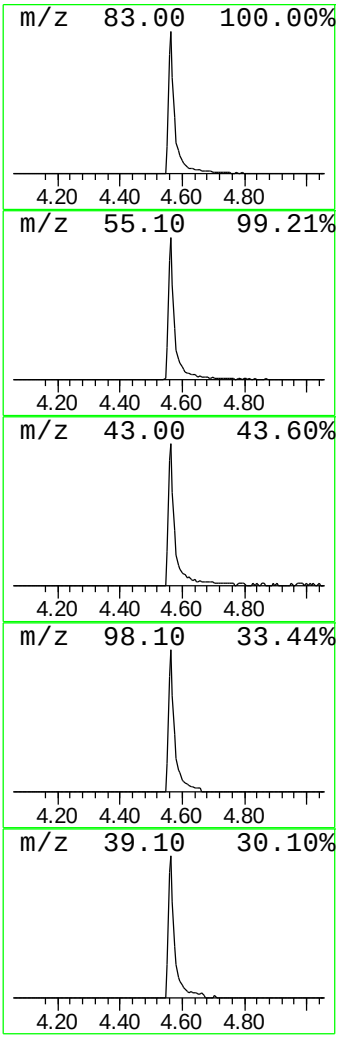
****

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	17.69 ng	279628	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	87
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110983.D
Acq On : 27 Nov 2018 00:14
Operator : JU/SJ
Sample : J6055-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RICH-REC-ROAD-STONE-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

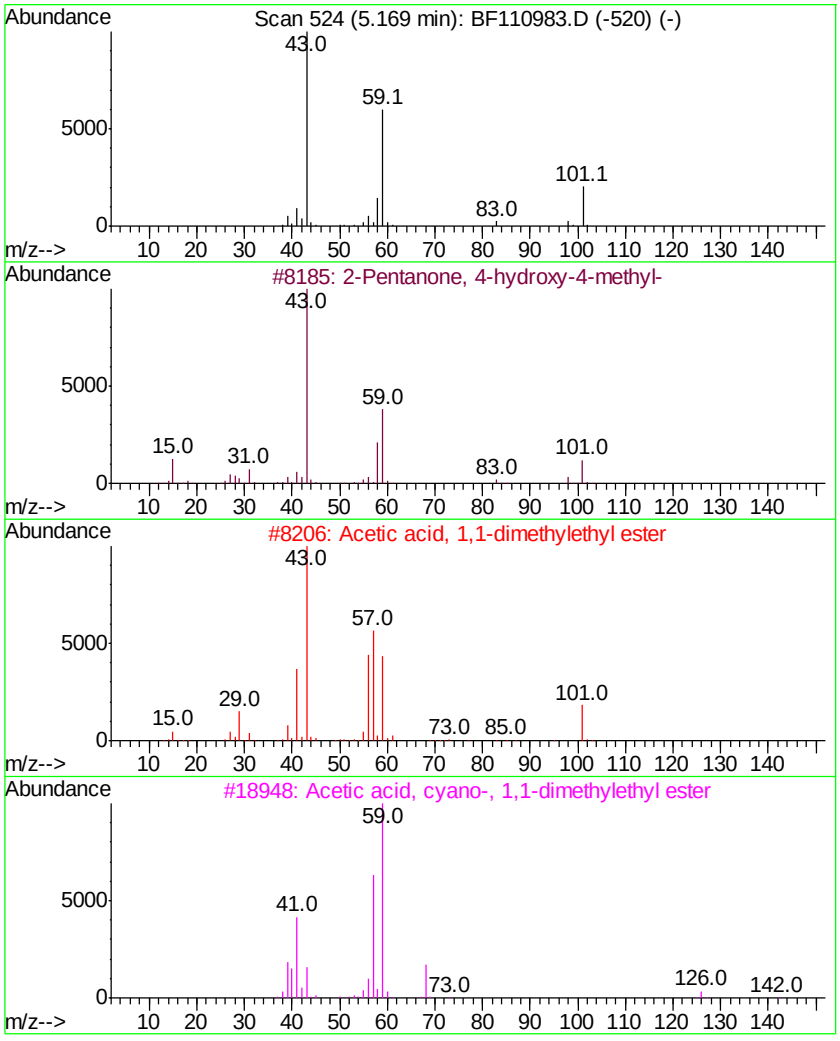
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

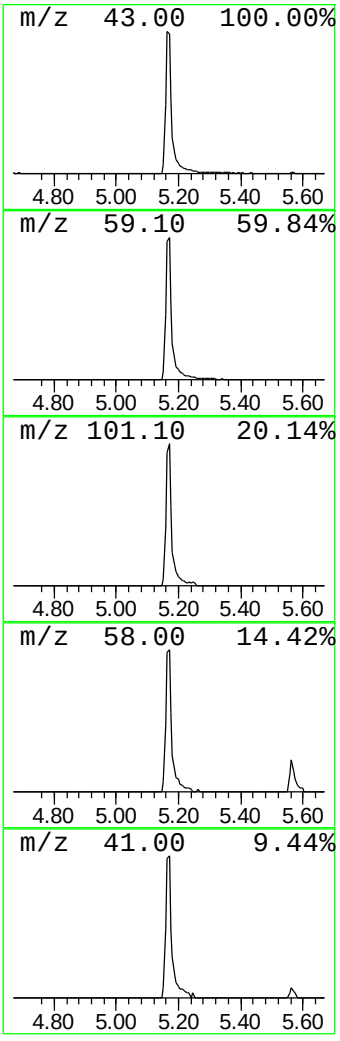
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	21.18 ng	334745	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RICH-REC-ROAD-STONE-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

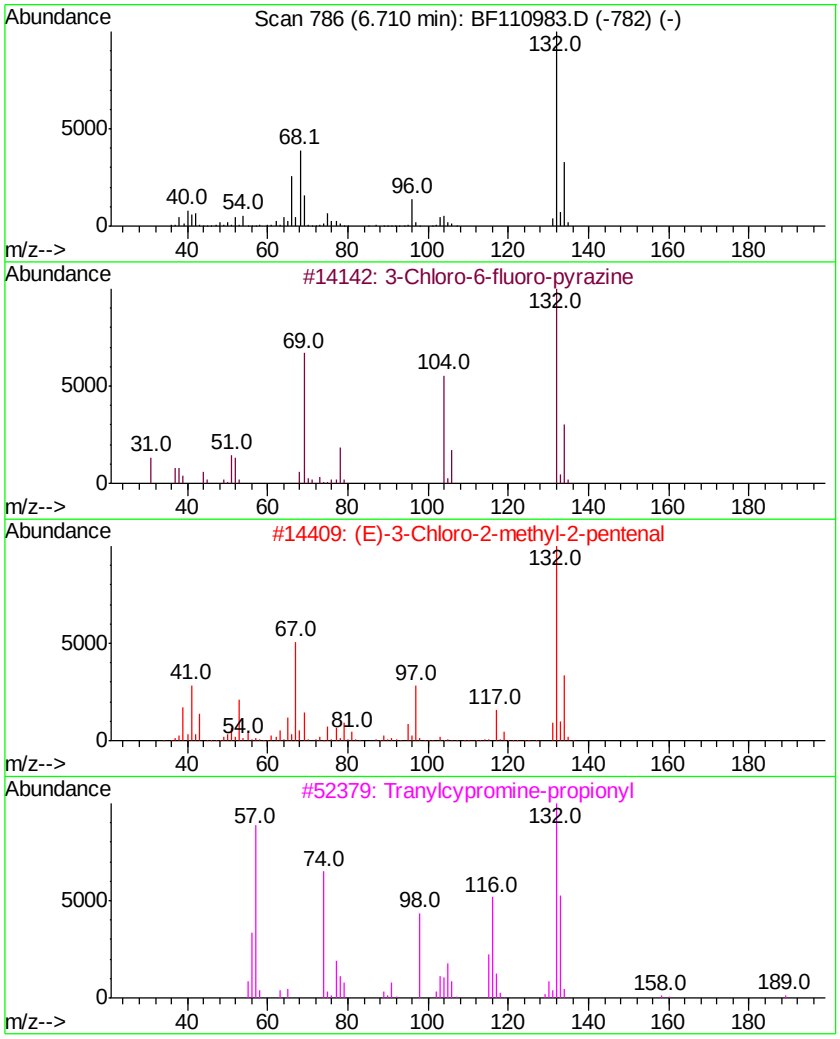
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

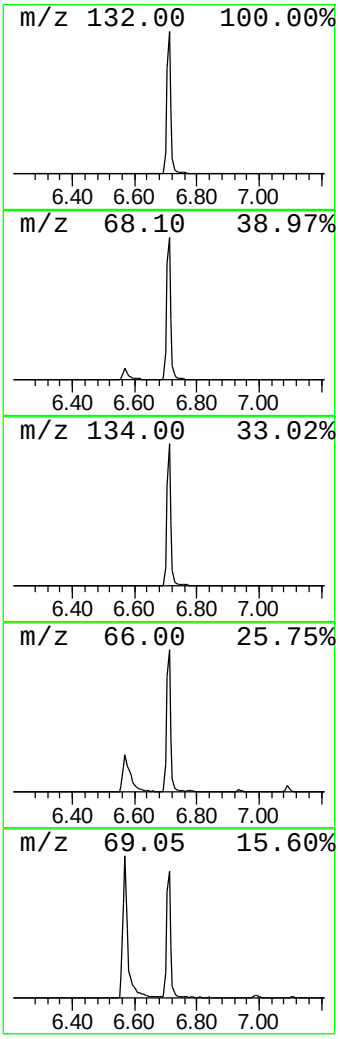
****

Peak Number 4 unknown6.71 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	53.77 ng	849803	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	Xenon	132	Xe	007440-63-3	9





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Misc :
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Instrument : BNA_F
ClientSampleId : RICH-REC-ROAD-STONE-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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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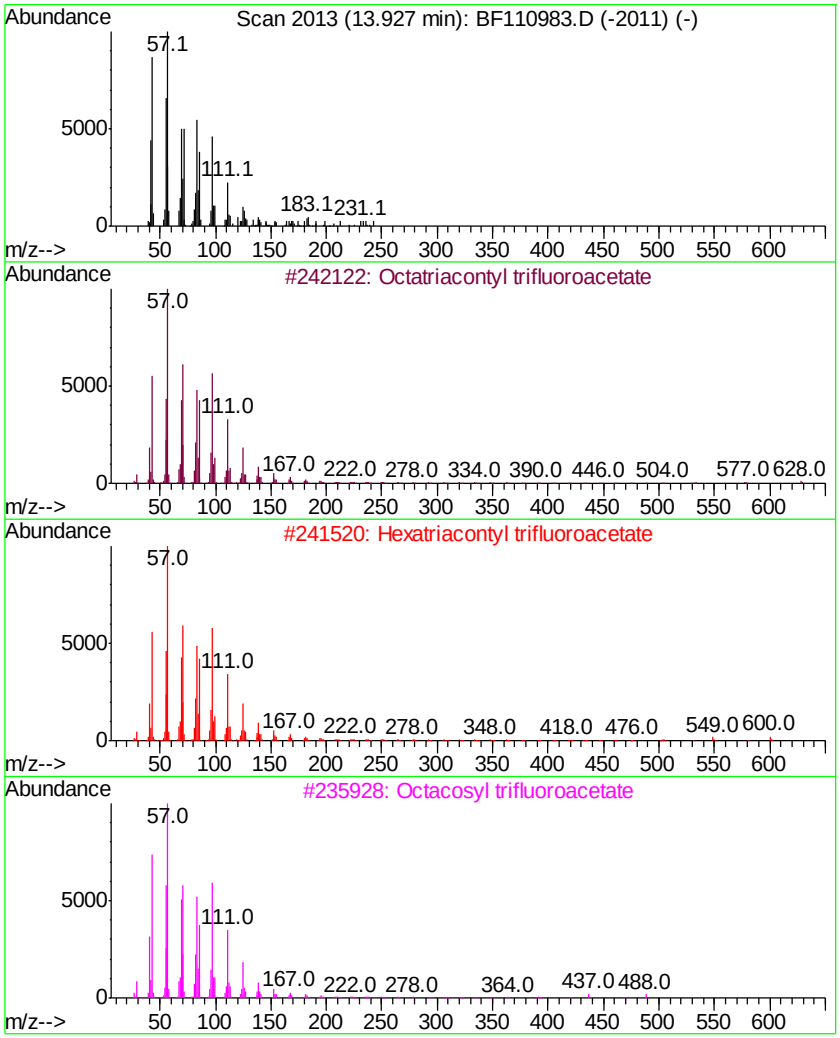
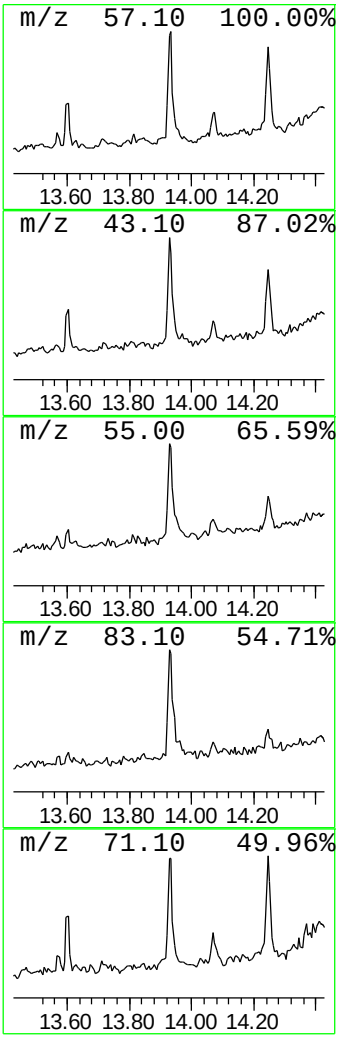
Peak Number 6 Octatriacontyl trifluoroace... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	10.76 ng	143029	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octatriacontyl trifluoroacetate	647	C40H77F3O2	1000351-88-7	90
2	Hexatriacontyl trifluoroacetate	619	C38H73F3O2	1000351-88-6	90
3	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	87
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
5	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	87





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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RICH-REC-ROAD-STONE-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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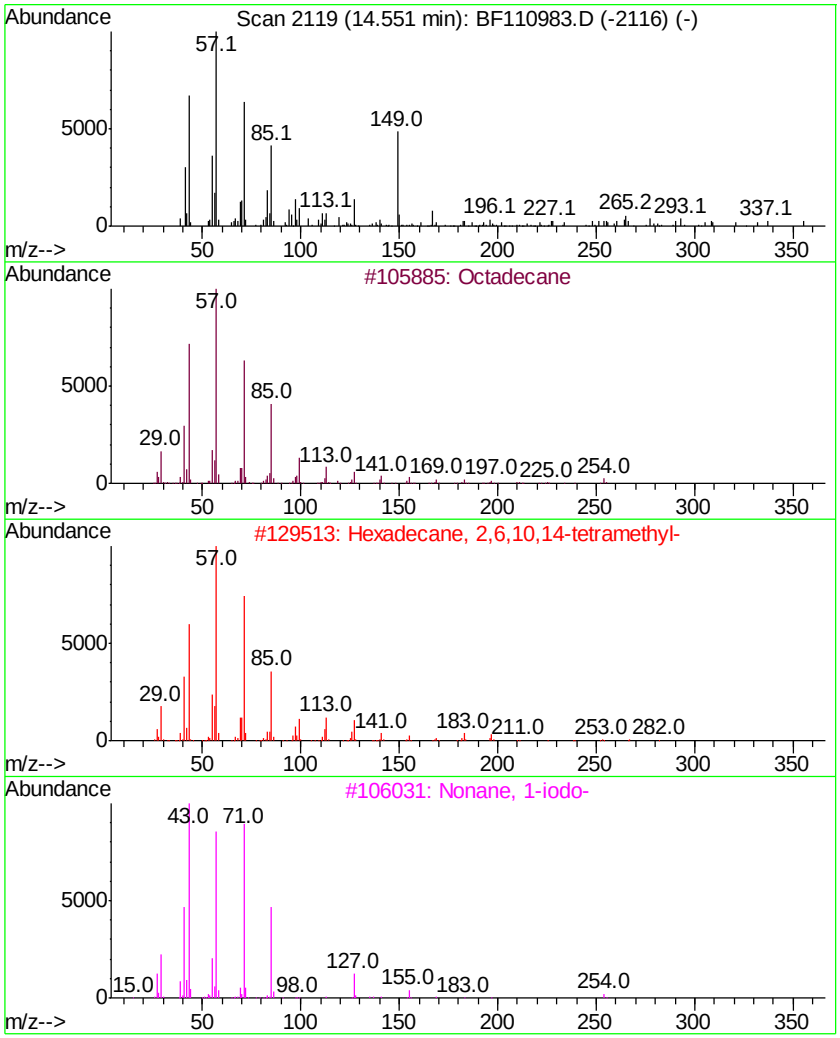
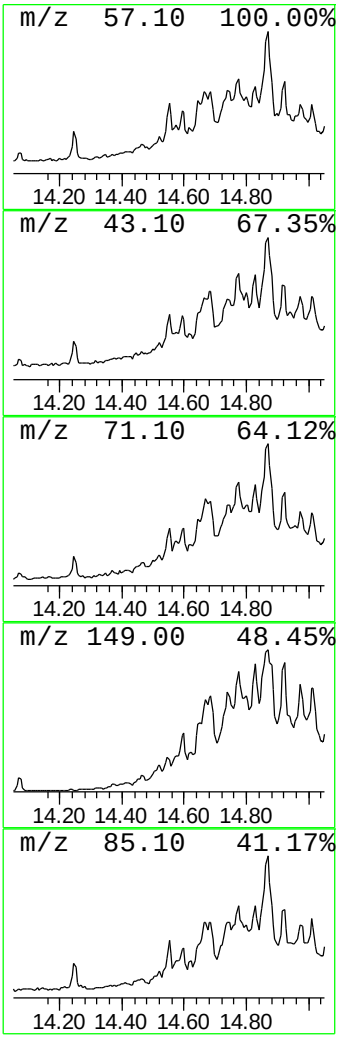
Peak Number 7 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	7.67 ng	101862	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	70
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	60
3	Nonane, 1-iodo-	254	C9H19I	004282-42-2	55
4	Eicosane	282	C20H42	000112-95-8	55
5	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	49





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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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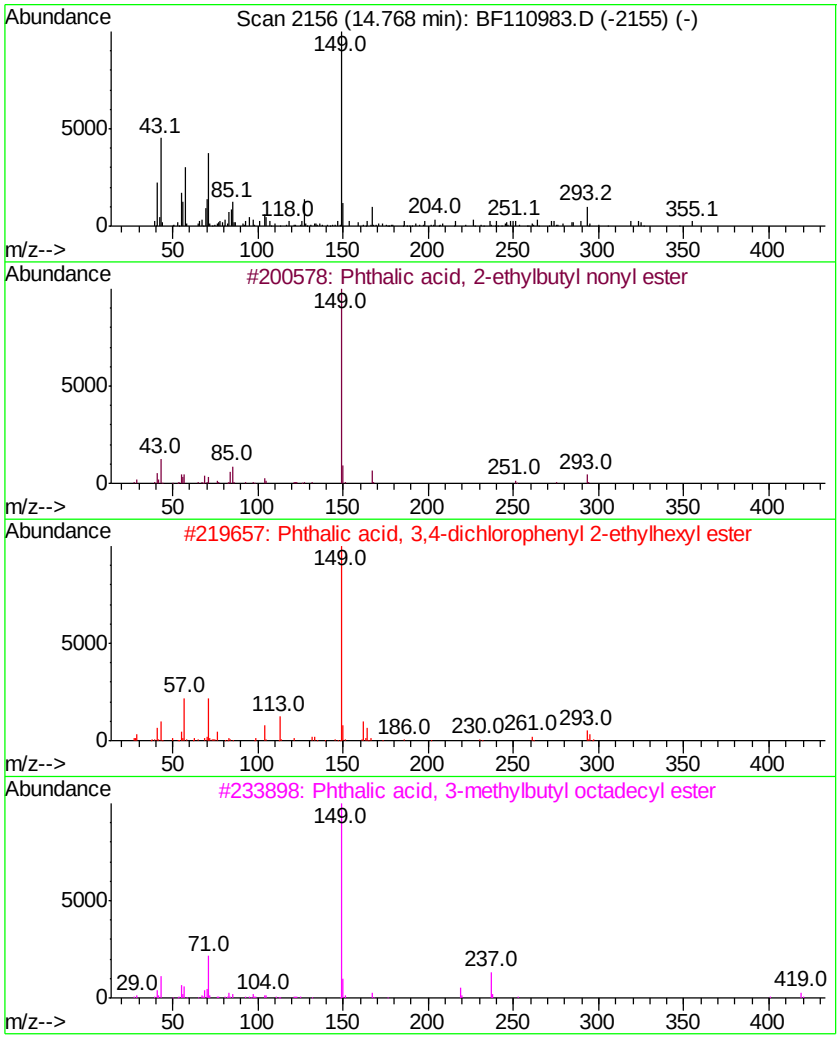
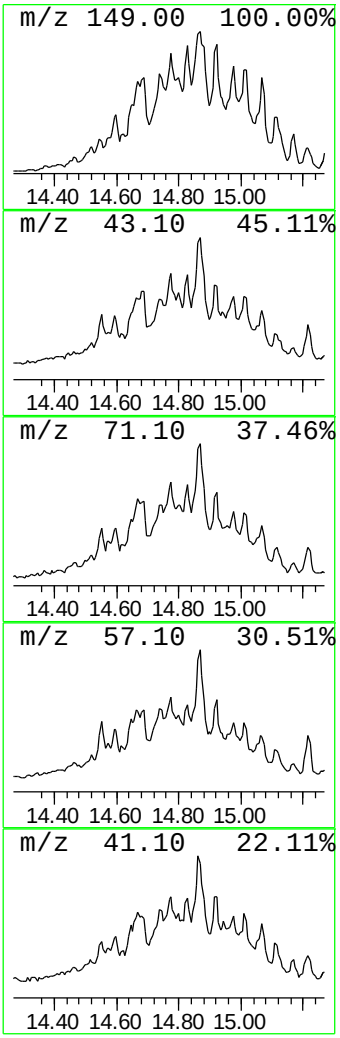
Peak Number 10 Phthalic acid, 2-ethylbutyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	5.95 ng	79020	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2-ethylbutyl nonyl...	376	C23H36O4	1000356-89-4	64
2	Phthalic acid, 3,4-dichlorophenyl...	422	C22H24Cl2O4	1000315-52-0	64
3	Phthalic acid, 3-methylbutyl oct...	488	C31H52O4	1000356-81-9	59
4	Phthalic acid, decyl 2-ethylbutyl...	390	C24H38O4	1000356-89-5	53
5	Phthalic acid, 3,3-dimethylbut-2...	432	C27H44O4	1000357-01-2	53





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : RICH-REC-ROAD-STONE-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

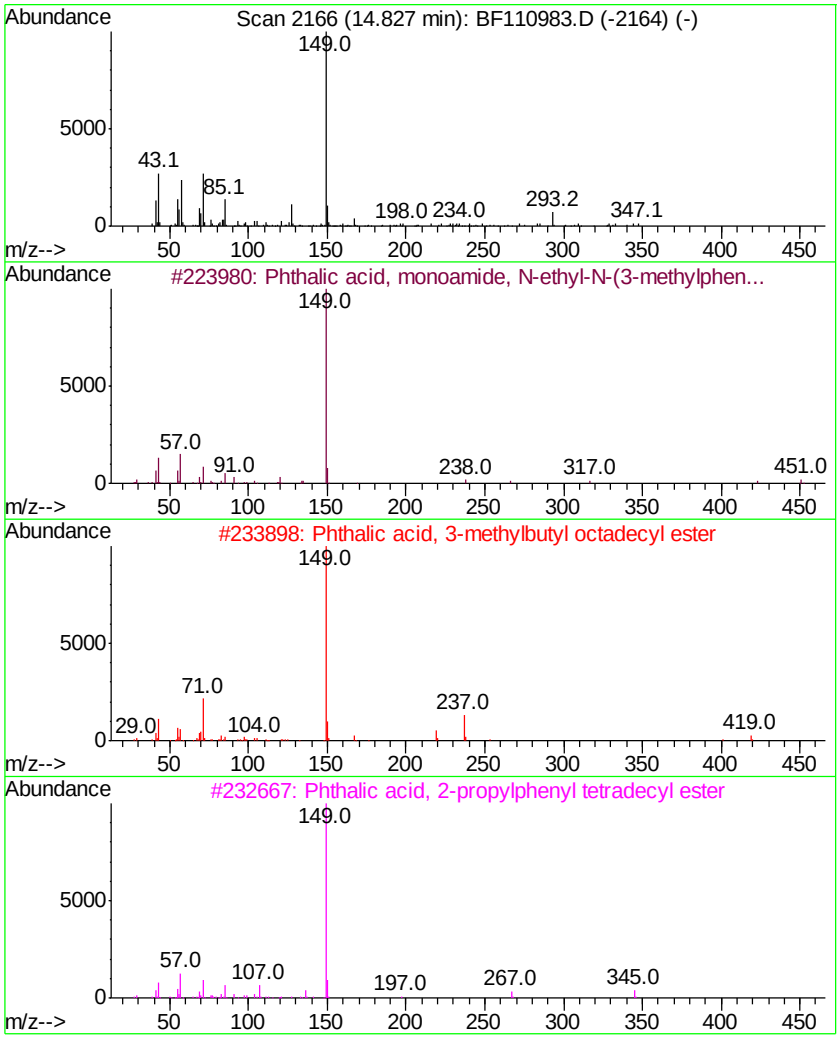
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

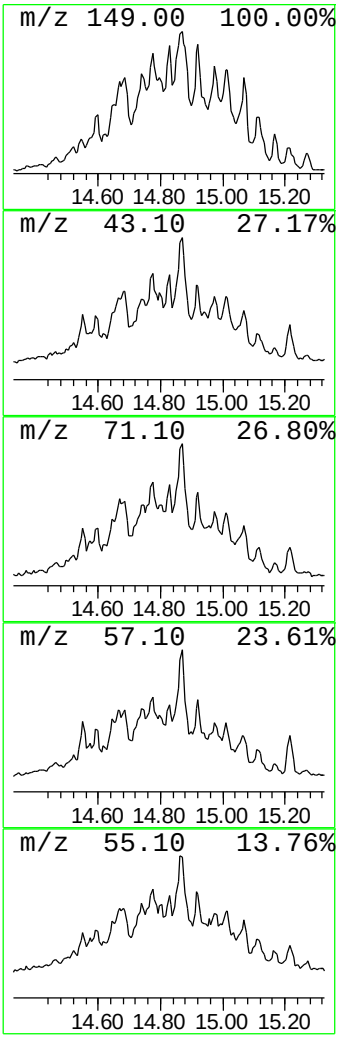
****

Peak Number 11 Phthalic acid, monoamide, N... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	6.43 ng	85449	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, monoamide, N-ethy...	437	C28H39NO3	1000309-86-5	59
2	Phthalic acid, 3-methylbutyl oct...	488	C31H52O4	1000356-81-9	59
3	Phthalic acid, 2-propylphenyl te...	480	C31H44O4	1000357-02-9	59
4	Phthalic acid, 3-methylbutyl non...	502	C32H54O4	1000356-82-0	59
5	Phthalic acid, isohexyl 2-methyl...	320	C19H28O4	1000322-81-3	53





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Acq On : 27 Nov 2018 00:14
Operator : JU/SJ
Sample : J6055-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RICH-REC-ROAD-STONE-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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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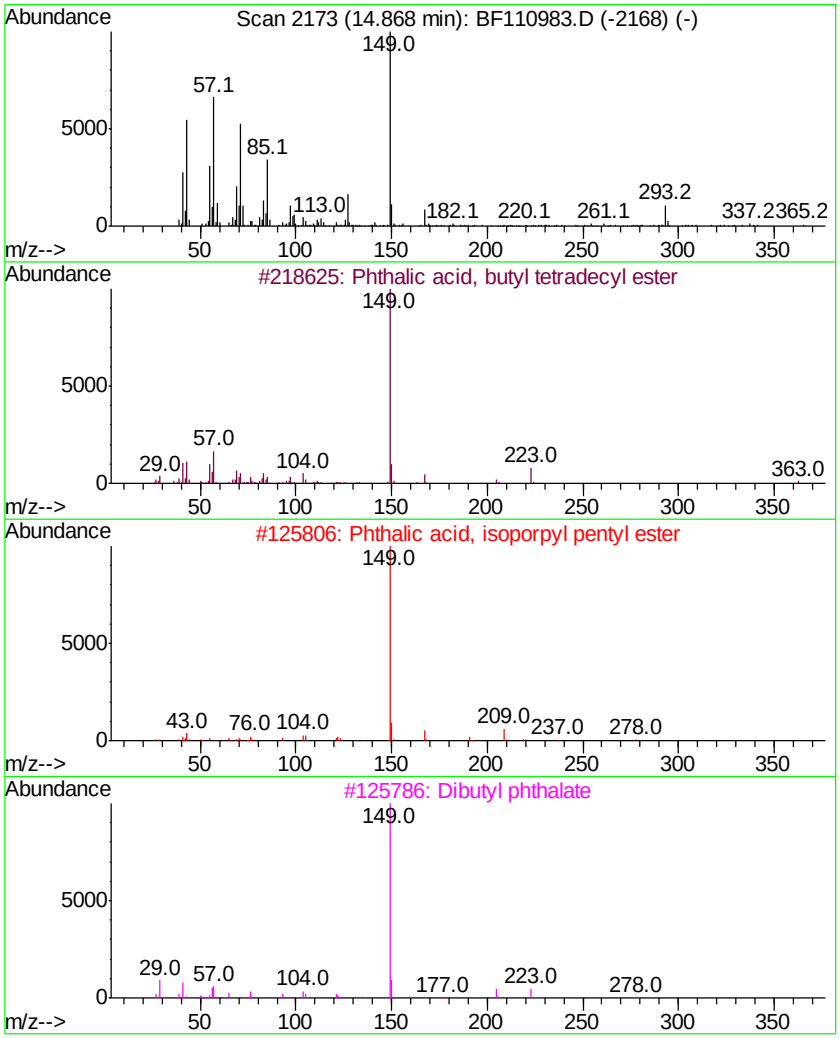
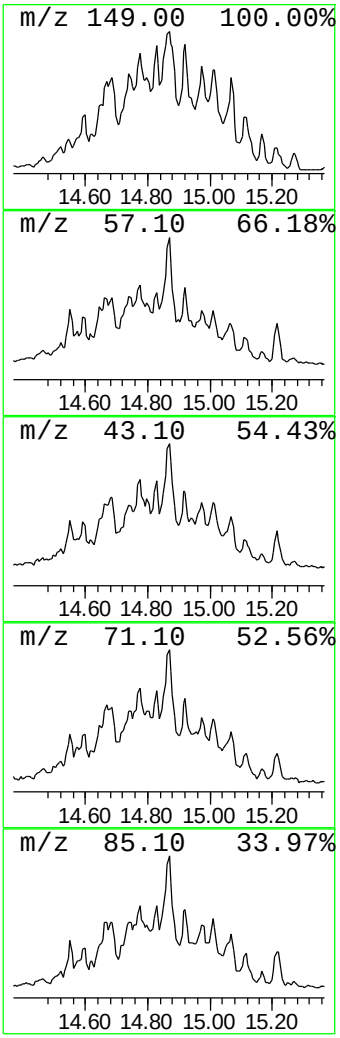
Peak Number 12 unknown14.87 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	40.38 ng	536545	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, butyl tetradecyl ...	418	C26H42O4	1000308-91-3	38
2	Phthalic acid, isoporpyl pentyl ...	278	C16H22O4	1000314-99-9	38
3	Dibutyl phthalate	278	C16H22O4	000084-74-2	38
4	Phthalic acid, isoporpyl octyl e...	320	C19H28O4	1000315-00-2	38
5	Phthalic acid, butyl isoporpyl e...	264	C15H20O4	1000314-99-8	38





Library Search Compound Report

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Acq On : 27 Nov 2018 00:14
Operator : JU/SJ
Sample : J6055-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RICH-REC-ROAD-STONE-7

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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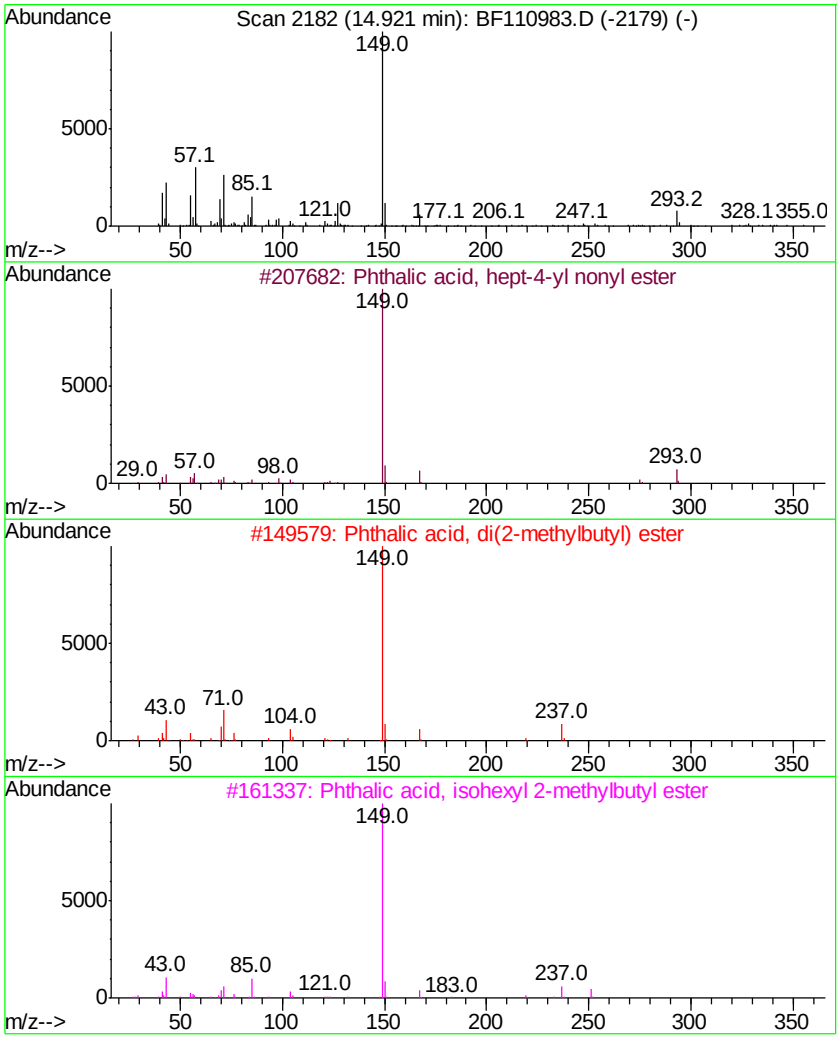
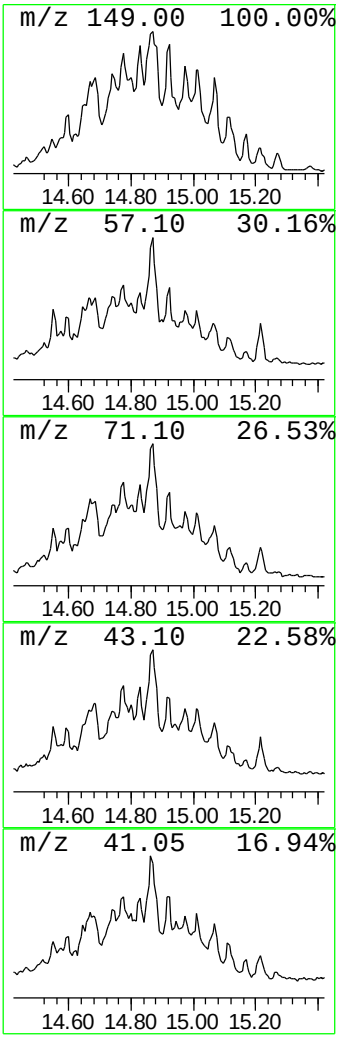
Peak Number 13 Phthalic acid, hept-4-yl no... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	14.93 ng	147330	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, hept-4-yl nonyl e...	390	C24H38O4	1000356-79-0	64
2	Phthalic acid, di(2-methylbutyl)...	306	C18H26O4	1000322-82-5	59
3	Phthalic acid, isohexyl 2-methyl...	320	C19H28O4	1000322-81-3	59
4	Phthalic acid, 2-propylphenyl te...	480	C31H44O4	1000357-02-9	59
5	Phthalic acid, hept-3-yl nonyl e...	390	C24H38O4	1000356-99-3	53





Library Search Compound Report

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Sample : J6055-01
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ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-7

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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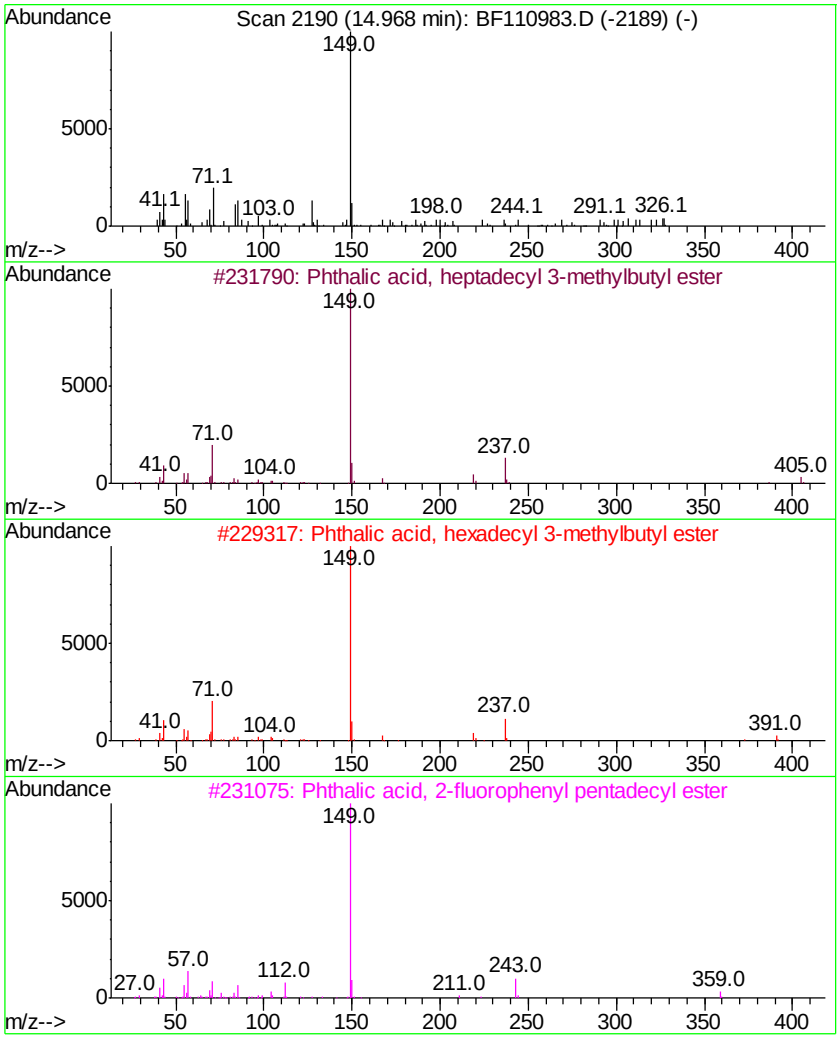
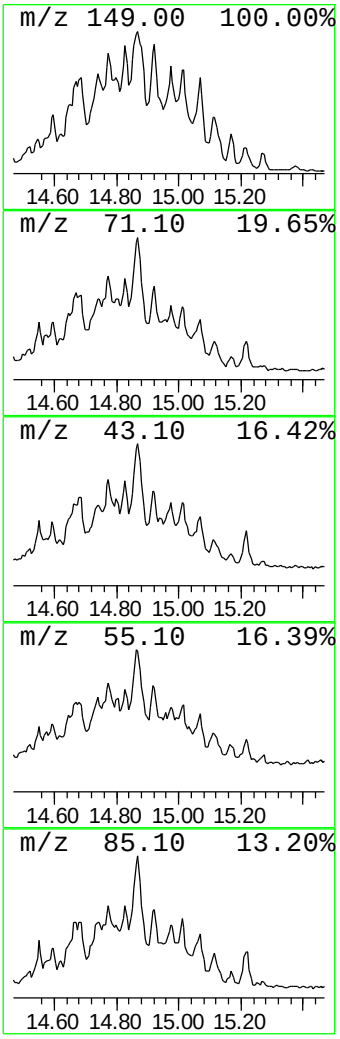
Peak Number 14 Phthalic acid, heptadecyl 3... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	13.84 ng	136532	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, heptadecyl 3-meth...	474	C30H50O4	1000356-81-8	59
2	Phthalic acid, hexadecyl 3-methy...	460	C29H48O4	1000356-81-7	59
3	Phthalic acid, 2-fluorophenyl pe...	470	C29H39FO4	1000356-50-2	53
4	Phthalic acid, 2-fluorophenyl he...	484	C30H41FO4	1000356-50-1	53
5	Phthalic acid, dodecyl 2-fluorop...	428	C26H33FO4	1000356-15-1	53





Library Search Compound Report

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Acq On : 27 Nov 2018 00:14
Operator : JU/SJ
Sample : J6055-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RICH-REC-ROAD-STONE-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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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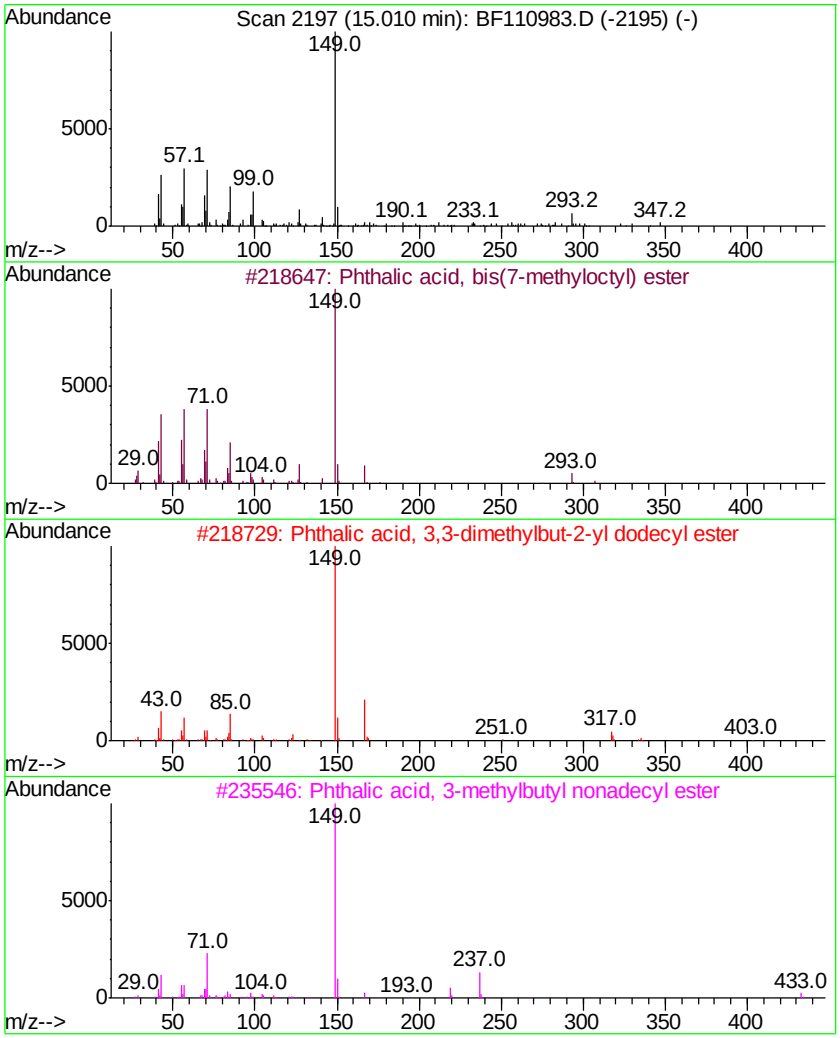
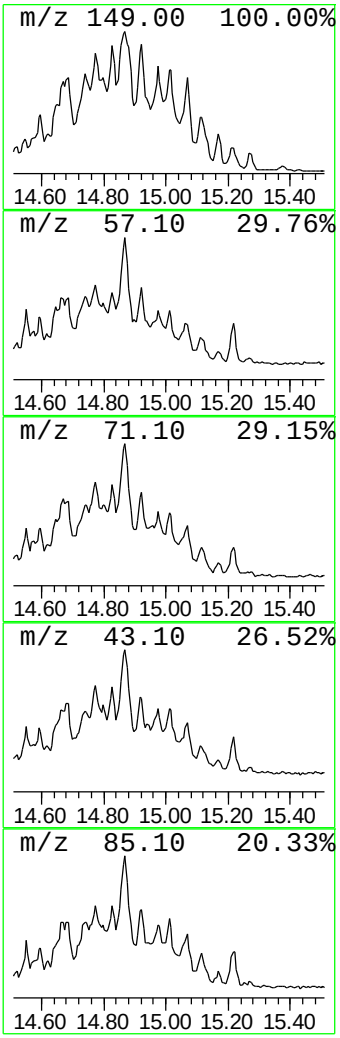
Peak Number 15 Phthalic acid, bis(7-methyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	20.02 ng	197500	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, bis(7-methyloctyl...	418	C26H42O4	020548-62-3	83
2	Phthalic acid, 3,3-dimethylbut-2...	418	C26H42O4	1000357-01-1	59
3	Phthalic acid, 3-methylbutyl non...	502	C32H54O4	1000356-82-0	53
4	Phthalic acid, hexadecyl 3-methy...	460	C29H48O4	1000356-81-7	53
5	Phthalic acid, heptadecyl 3-meth...	474	C30H50O4	1000356-81-8	53





Library Search Compound Report

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Acq On : 27 Nov 2018 00:14
Operator : JU/SJ
Sample : J6055-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RICH-REC-ROAD-STONE-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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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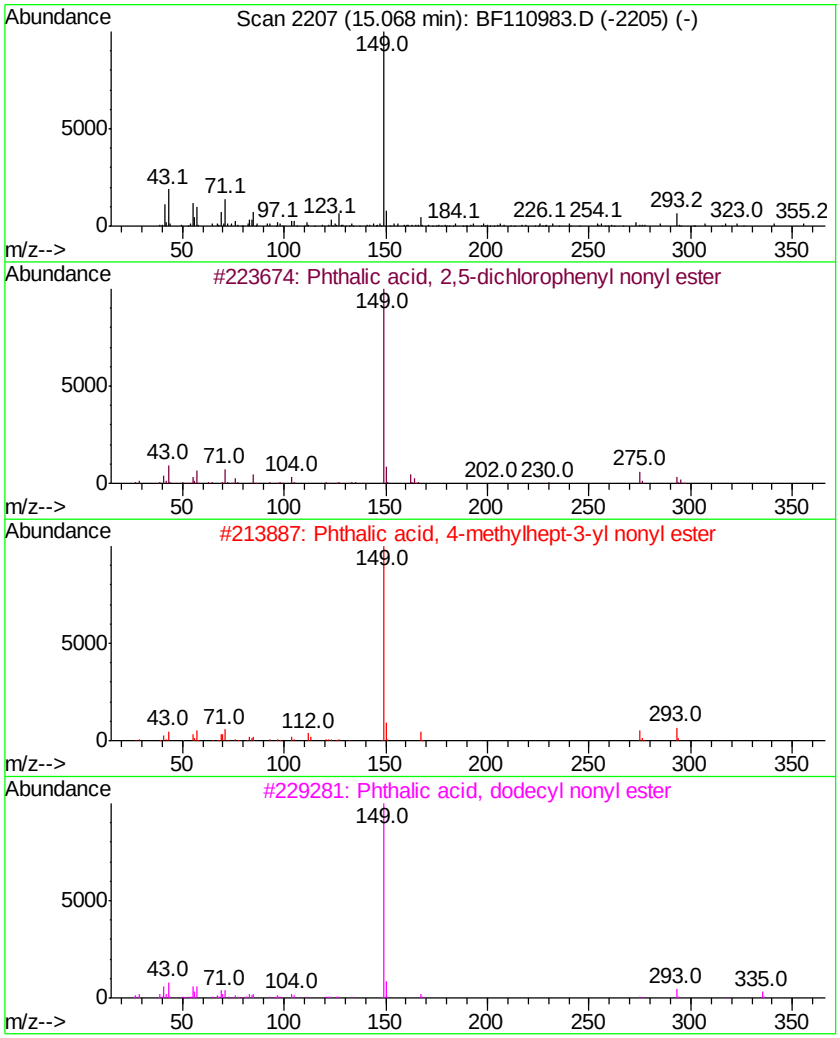
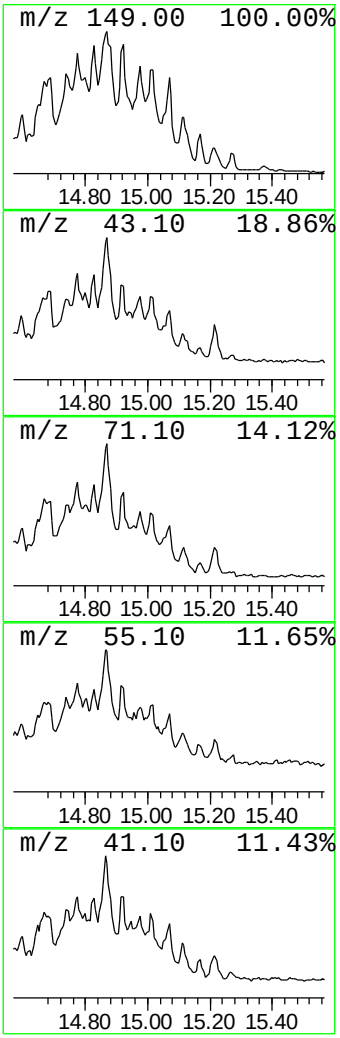
Peak Number 16 Phthalic acid, 2,5-dichloro... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	15.06 ng	148637	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2,5-dichlorophenv...	436	C23H26Cl2O4	1000356-84-4	64
2	Phthalic acid, 4-methylhept-3-yl...	404	C25H40O4	1000377-94-4	64
3	Phthalic acid, dodecyl nonyl ester	460	C29H48O4	1000308-92-6	64
4	1,2-Benzenedicarboxylic acid, di...	418	C26H42O4	000084-76-4	64
5	Phthalic acid, decyl 4-methylhep...	418	C26H42O4	1000377-94-5	59





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Sample : J6055-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RICH-REC-ROAD-STONE-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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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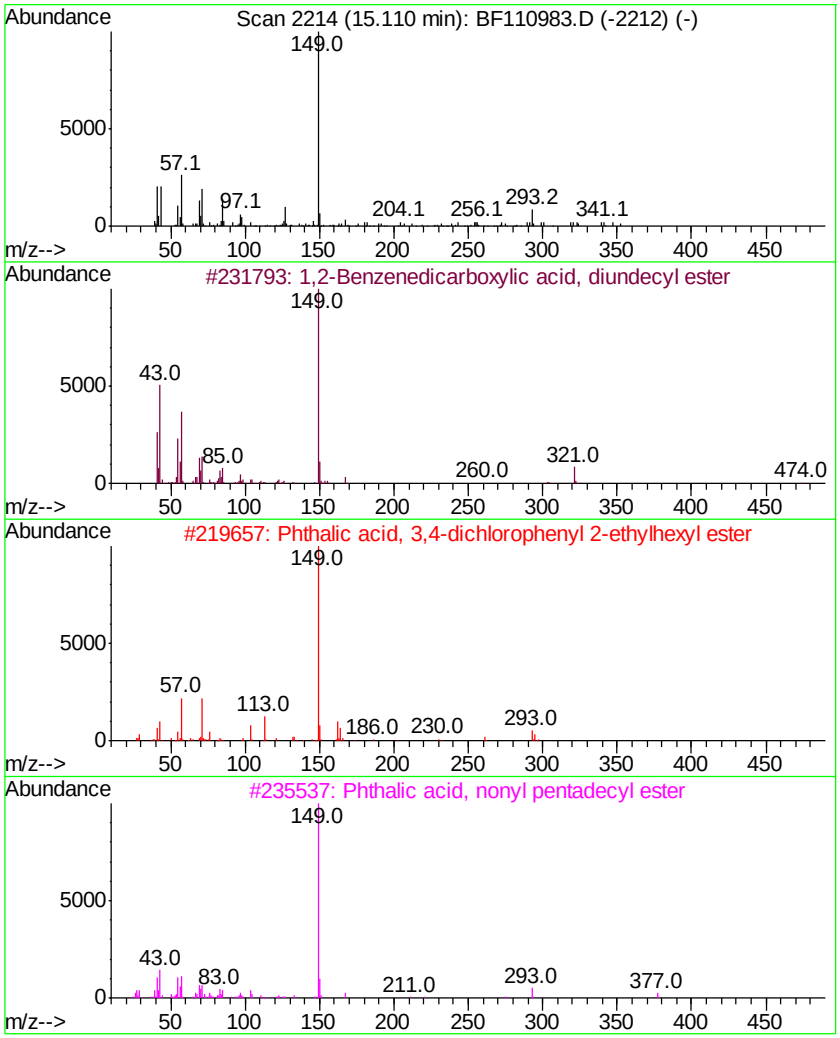
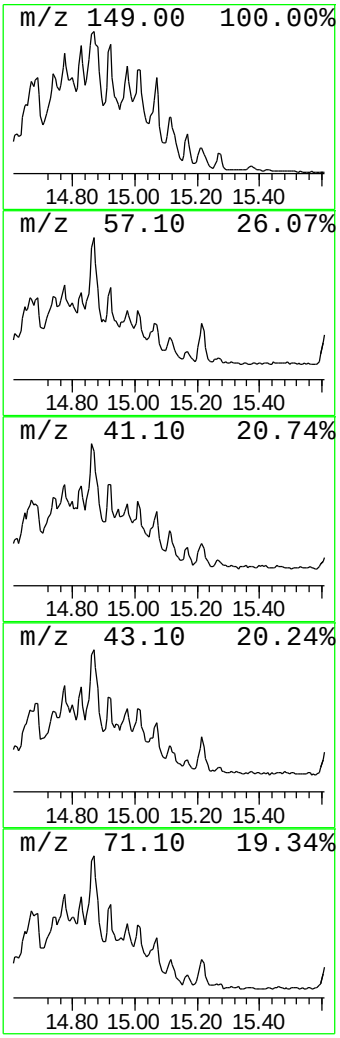
Peak Number 17 1,2-Benzenedicarboxylic aci... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	17.49 ng	172541	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	474	C30H50O4	003648-20-2	64
2	Phthalic acid, 3,4-dichlorophenyl...	422	C22H24Cl2O4	1000315-52-0	59
3	Phthalic acid, nonyl pentadecyl ...	502	C32H54O4	1000308-92-7	53
4	Phthalic acid, 4-methylhept-3-yl...	404	C25H40O4	1000377-94-4	50
5	Phthalic acid, cyclobutyl dodecy...	388	C24H36O4	1000314-90-7	47





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Instrument : BNA_F
ClientSampleId : RICH-REC-ROAD-STONE-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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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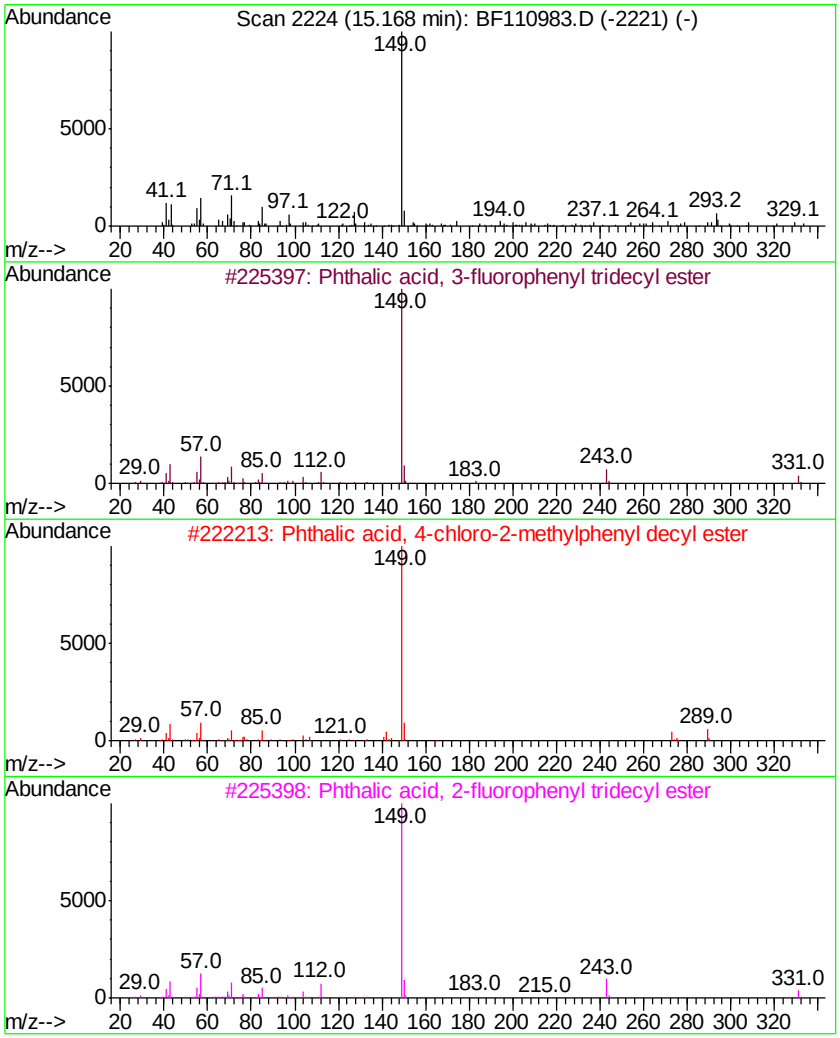
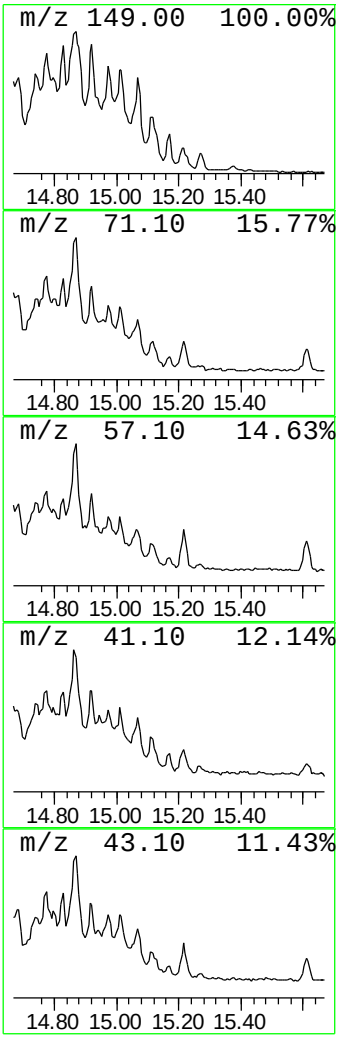
Peak Number 18 Phthalic acid, 3-fluorophen... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	5.61 ng	55306	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 3-fluorophenyl tr...	442	C27H35FO4	1000356-66-7	64
2	Phthalic acid, 4-chloro-2-methyl...	430	C25H31ClO4	1000356-38-4	64
3	Phthalic acid, 2-fluorophenyl tr...	442	C27H35FO4	1000356-50-4	64
4	Phthalic acid, monoamide, N-ethy...	437	C28H39NO3	1000309-86-5	64
5	Phthalic acid, cyclobutyl tetrad...	416	C26H40O4	1000314-90-9	64





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Sample : J6055-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RICH-REC-ROAD-STONE-7

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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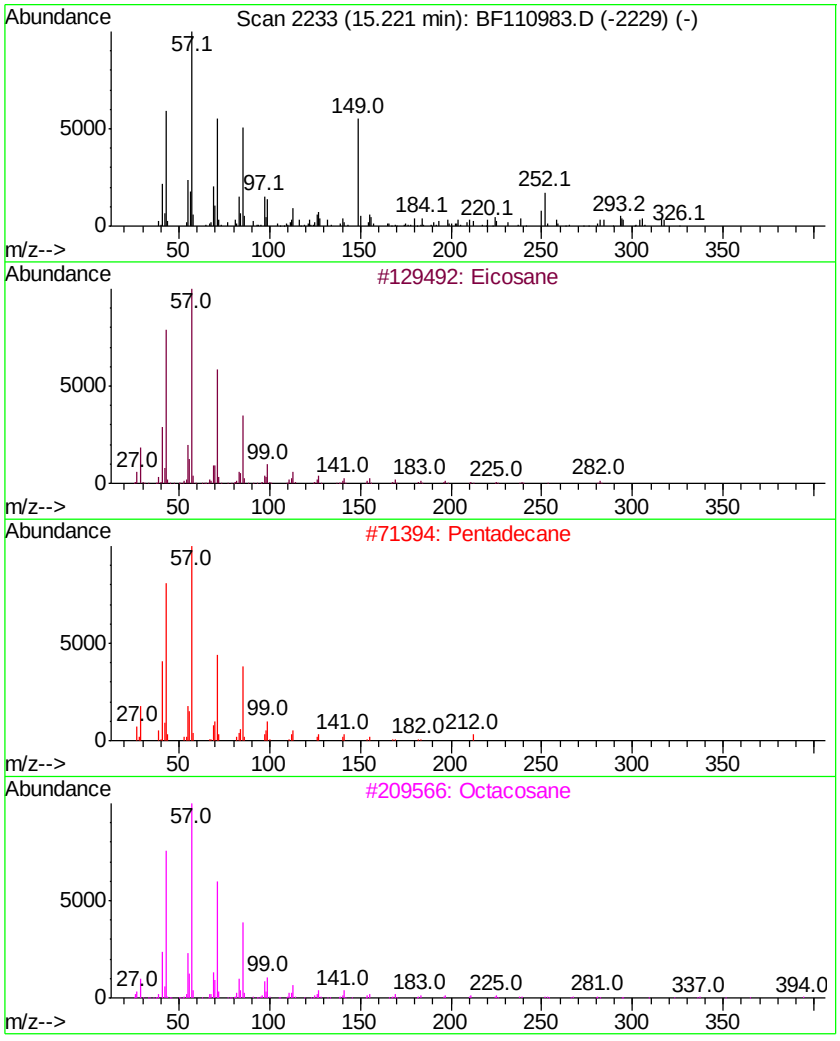
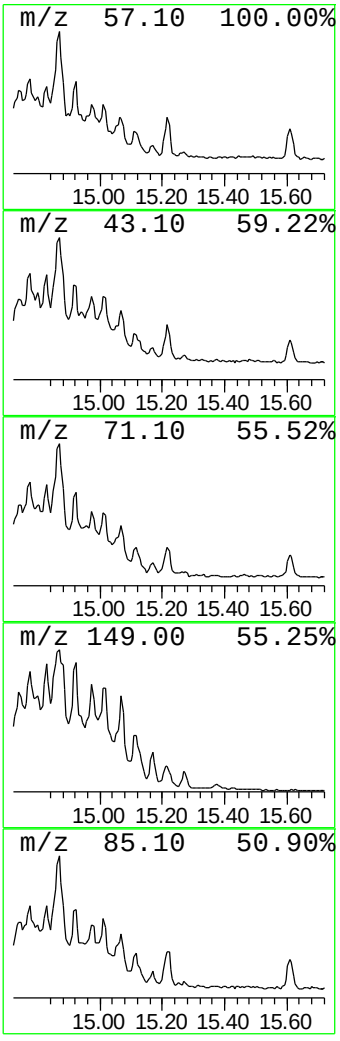
Peak Number 19 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	13.78 ng	135928	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Pentadecane	212	C15H32	000629-62-9	62
3	Octacosane	394	C28H58	000630-02-4	50
4	Docosane, 11-decyl-	451	C32H66	055401-55-3	46
5	Tetracosane	338	C24H50	000646-31-1	45





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Misc :
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Instrument : BNA_F
ClientSampleId : RICH-REC-ROAD-STONE-7

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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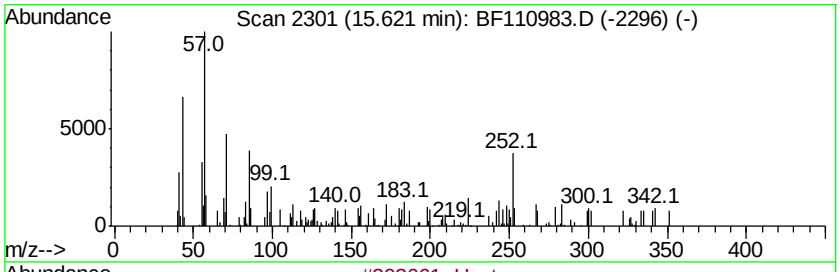
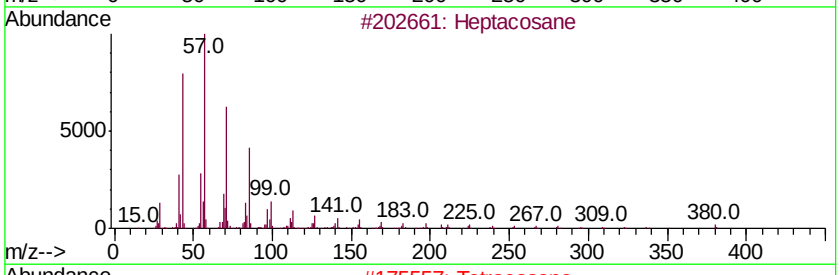
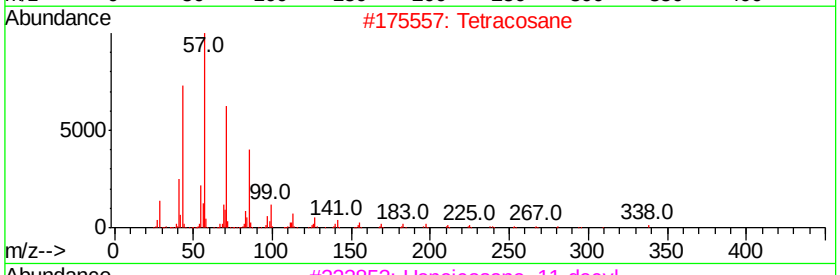
Peak Number 20 Heptacosane Concentration Rank 15

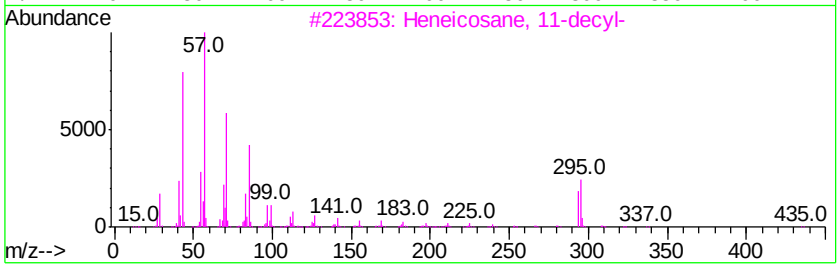
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	8.62 ng	85028	Perylene-d12	15.67

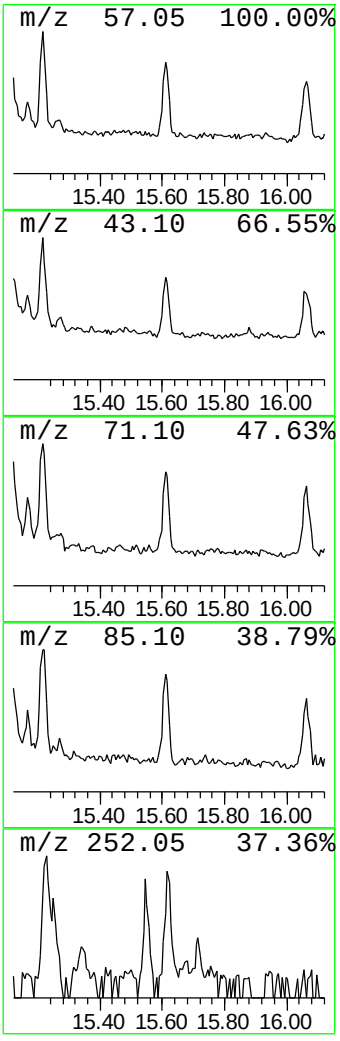
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	60
2	Tetracosane	338	C24H50	000646-31-1	53
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	53
4	Docosane	310	C22H46	000629-97-0	53
5	Heneicosane	296	C21H44	000629-94-7	53











Tentatively Identified Compound (LSC) summary

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Data File : BF110983.D
Acq On : 27 Nov 2018 00:14
Operator : JU/SJ
Sample : J6055-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RICH-REC-ROAD-STONE-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.25	9.1	ng	144405	1	6.94	316098	20.0
3-Penten-2-one, 4...	4.56	17.7	ng	279628	1	6.94	316098	20.0
2-Pentanone, 4-hy...	5.17	21.2	ng	334745	1	6.94	316098	20.0
unknown6.71	6.71	53.8	ng	849803	1	6.94	316098	20.0
Octatriacontyl tr...	13.93	10.8	ng	143029	5	14.13	265741	20.0
Octadecane	14.55	7.7	ng	101862	5	14.13	265741	20.0
Phthalic acid, 2-...	14.77	6.0	ng	79020	5	14.13	265741	20.0
Phthalic acid, mo...	14.83	6.4	ng	85449	5	14.13	265741	20.0
unknown14.87	14.87	40.4	ng	536545	5	14.13	265741	20.0
Phthalic acid, he...	14.92	14.9	ng	147330	6	15.67	197341	20.0
Phthalic acid, he...	14.97	13.8	ng	136532	6	15.67	197341	20.0
Phthalic acid, bi...	15.01	20.0	ng	197500	6	15.67	197341	20.0
Phthalic acid, 2,...	15.07	15.1	ng	148637	6	15.67	197341	20.0
1,2-Benzenedicarb...	15.11	17.5	ng	172541	6	15.67	197341	20.0
Phthalic acid, 3-...	15.17	5.6	ng	55306	6	15.67	197341	20.0
Eicosane	15.22	13.8	ng	135928	6	15.67	197341	20.0
Heptacosane	15.62	8.6	ng	85028	6	15.67	197341	20.0