LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103456.D
Acq On : 6 Mar 2018 15:24
Operator : SJ/JU
Sample : J1792-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-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:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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	5.098	509	512	518	rBV	30950	51516	1.85%	0.188%
2	5.498	576	580	606	rBV	1203596	2071988	74.28%	7.578%
3	6.510	749	752	771	rBV	1442314	2315376	83.01%	8.468%
4	6.645	771	775	786	rVV	2055972	2224460	79.75%	8.135%
5	6.722	786	788	795	rVB2	16429	37269	1.34%	0.136%
6	6.869	810	813	836	rVB	748779	828414	29.70%	3.030%
7	7.028	836	840	855	rBV	1490911	1615865	57.93%	5.910%
8	7.440	906	910	934	rBV	1107416	1495891	53.63%	5.471%
9	8.157	1028	1032	1050	rBV	878341	1196763	42.91%	4.377%
10	8.510	1087	1092	1097	rBV3	24257	47595	1.71%	0.174%
11	9.028	1177	1180	1182	rBV	51545	43029	1.54%	0.157%
12	9.092	1188	1191	1200	rVB	263867	247215	8.86%	0.904%
13	9.228	1207	1214	1223	rBV	2644831	2789308	100.00%	10.201%
14	9.398	1240	1243	1252	rBV2	33081	58984	2.11%	0.216%
15	9.704	1291	1295	1301	rVB2	42403	48723	1.75%	0.178%
16	9.775	1304	1307	1312	rBV	43657	48301	1.73%	0.177%
17	9.822	1312	1315	1319	rVB2	29108	27968	1.00%	0.102%
18	9.910	1327	1330	1335	rBV2	1084321	1089393	39.06%	3.984%
19	10.298	1393	1396	1398	rBV	108521	86709	3.11%	0.317%
20	10.322	1398	1400	1403	rVB	88046	69719	2.50%	0.255%
21	10.710	1462	1466	1474	rBV	1169189	1328685	47.63%	4.859%
22	10.798	1479	1481	1487	rVB4	55574	71411	2.56%	0.261%
23	10.904	1496	1499	1504	rVB3	46092	41031	1.47%	0.150%
24	11.245	1555	1557	1560	rBV	50450	45977	1.65%	0.168%
25	11.339	1570	1573	1577	rBV3	40364	39097	1.40%	0.143%
26	11.410	1581	1585	1587	rBV	894259	897096	32.16%	3.281%
27	11.433	1587	1589	1593	rVV	343747	324299	11.63%	1.186%
28	11.486	1596	1598	1601	rBV	58011	53107	1.90%	0.194%
29	11.551	1607	1609	1613	rVB	117267	96900	3.47%	0.354%
30	11.675	1628	1630	1632	rBV	60205	40241	1.44%	0.147%
31	11.916	1668	1671	1674	rVV2	267752	298317	10.70%	1.091%
32	11.951	1674	1677	1682	rVV	456805	407292	14.60%	1.490%
33	12.027	1686	1690	1692	rBV2	69001	80988	2.90%	0.296%
34	12.080	1697	1699	1702	rBV	64256	58711	2.10%	0.215%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103456.D
Acq On : 6 Mar 2018 15:24
Operator : SJ/JU
Sample : J1792-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-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:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.245	1724	1727	1731	rVB2	41607	47225	1.69%	0.173%
36	12.469	1761	1765	1768	rBV2	85043	93352	3.35%	0.341%
37	12.557	1776	1780	1784	rBV6	31117	48032	1.72%	0.176%
38	12.627	1788	1792	1800	rBV	537363	560082	20.08%	2.048%
39	12.704	1802	1805	1807	rBV4	51960	48733	1.75%	0.178%
40	12.857	1825	1831	1837	rBV2	449632	647635	23.22%	2.369%
41	12.992	1850	1854	1857	rBV	1744502	1628095	58.37%	5.954%
42	13.198	1884	1889	1893	rVB2	226696	281742	10.10%	1.030%
43	13.251	1896	1898	1900	rBV	38540	36406	1.31%	0.133%
44	13.416	1924	1926	1929	rVB2	61808	58603	2.10%	0.214%
45	13.457	1930	1933	1936	rBV3	49163	48643	1.74%	0.178%
46	13.545	1945	1948	1951	rBV	185612	152906	5.48%	0.559%
47	13.810	1991	1993	1995	rBV2	38995	31920	1.14%	0.117%
48	13.869	2000	2003	2009	rBV3	460338	551464	19.77%	2.017%
49	14.010	2024	2027	2030	rBV	248651	204603	7.34%	0.748%
50	14.063	2031	2036	2039	rVV2	759384	958766	34.37%	3.506%
51	14.092	2039	2041	2046	rVB	219631	213358	7.65%	0.780%
52	14.192	2056	2058	2060	rBV	93747	64327	2.31%	0.235%
53	14.516	2109	2113	2119	rBV3	244992	414999	14.88%	1.518%
54	15.133	2215	2218	2220	rBV	171887	221939	7.96%	0.812%
55	15.515	2280	2283	2287	rBV	112716	141145	5.06%	0.516%
56	15.580	2290	2294	2308	rVB	412217	711814	25.52%	2.603%

Sum of corrected areas: 27343427

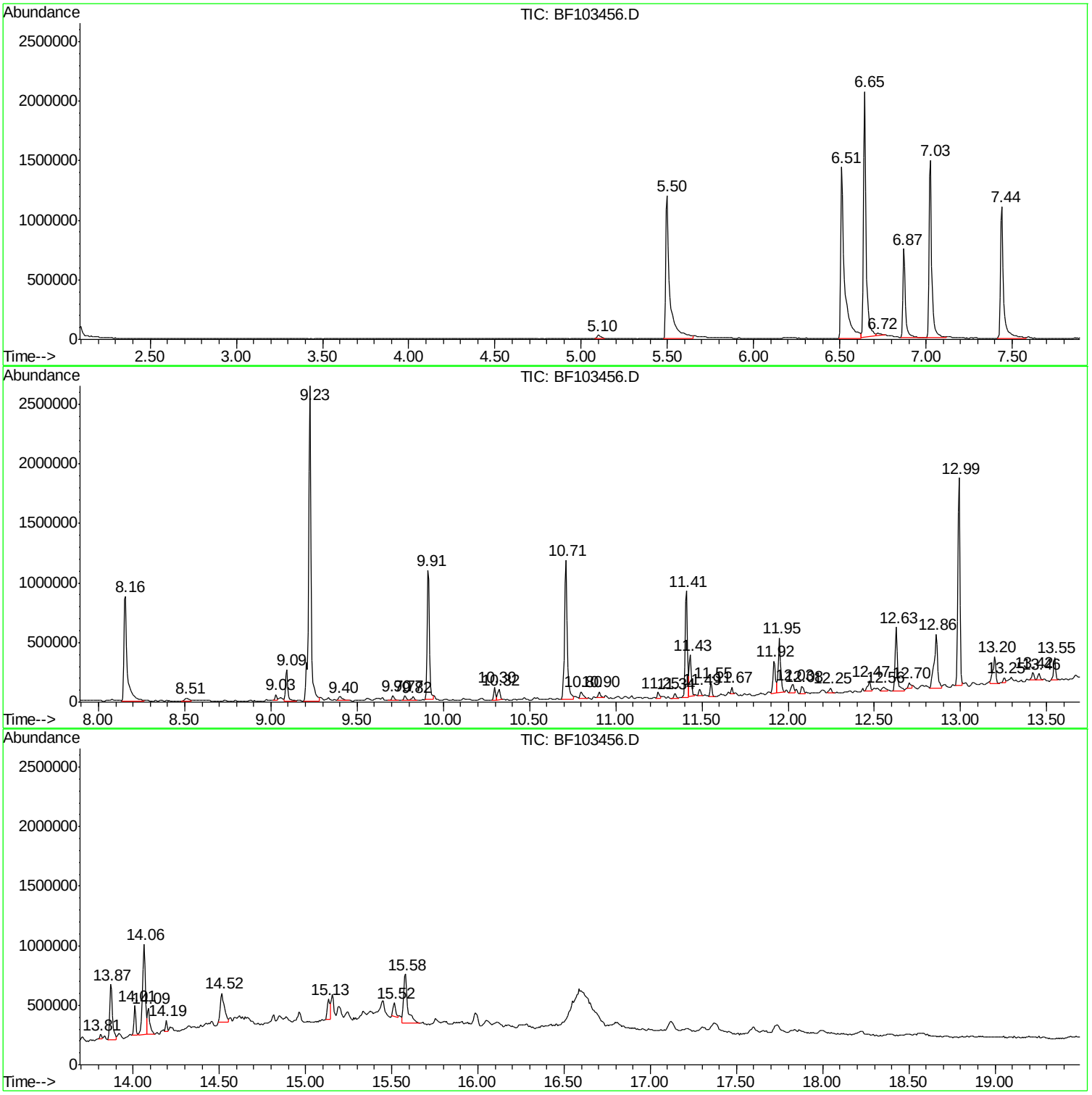
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103456.D
Acq On : 6 Mar 2018 15:24
Operator : SJ/JU
Sample : J1792-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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\BF030618\
Data File : BF103456.D
Acq On : 6 Mar 2018 15:24
Operator : SJ/JU
Sample : J1792-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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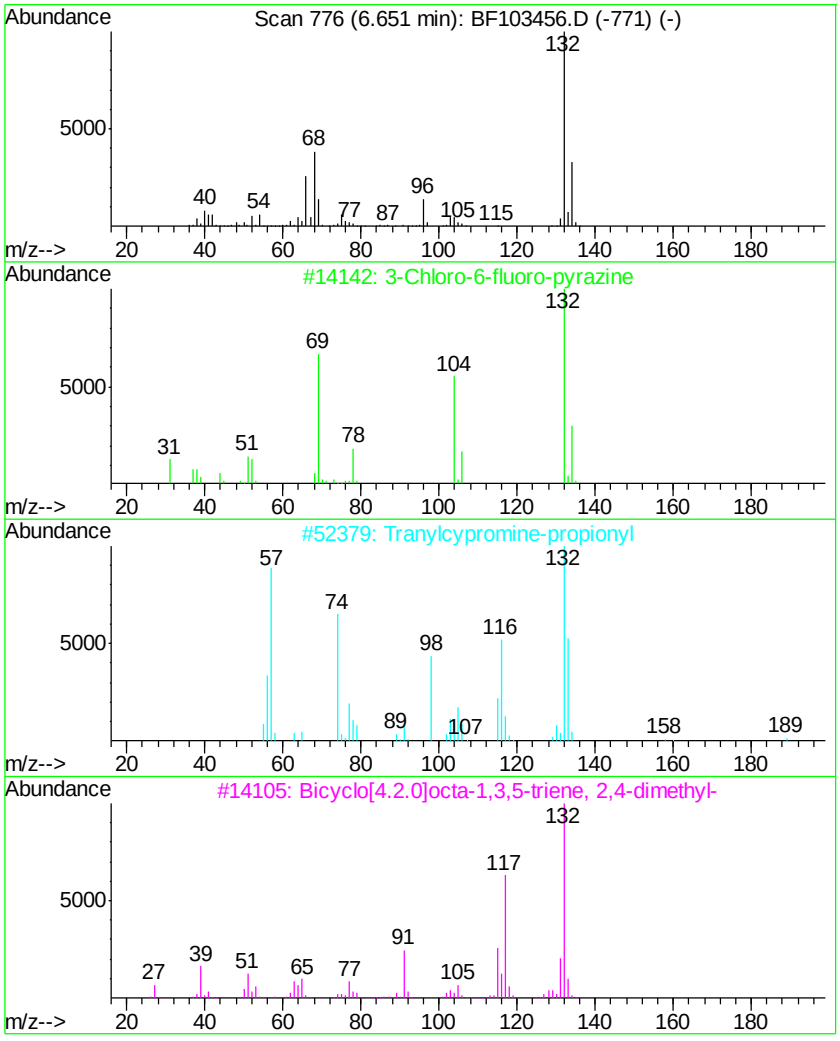
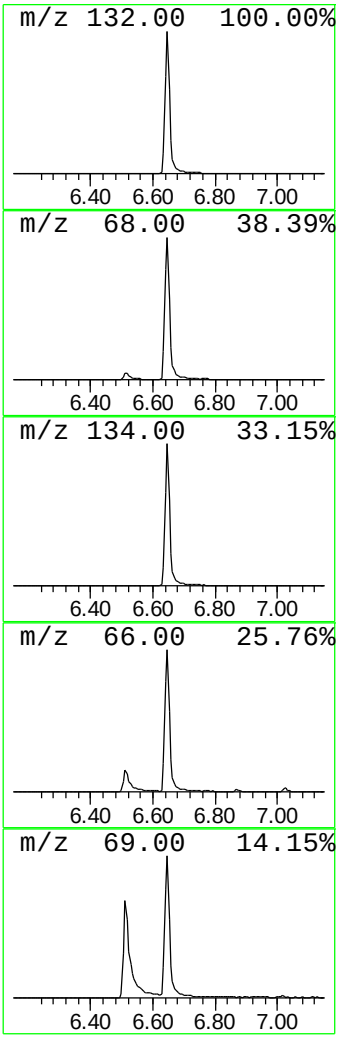
Peak Number 1 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	53.70 ng	2224460	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103456.D
Acq On : 6 Mar 2018 15:24
Operator : SJ/JU
Sample : J1792-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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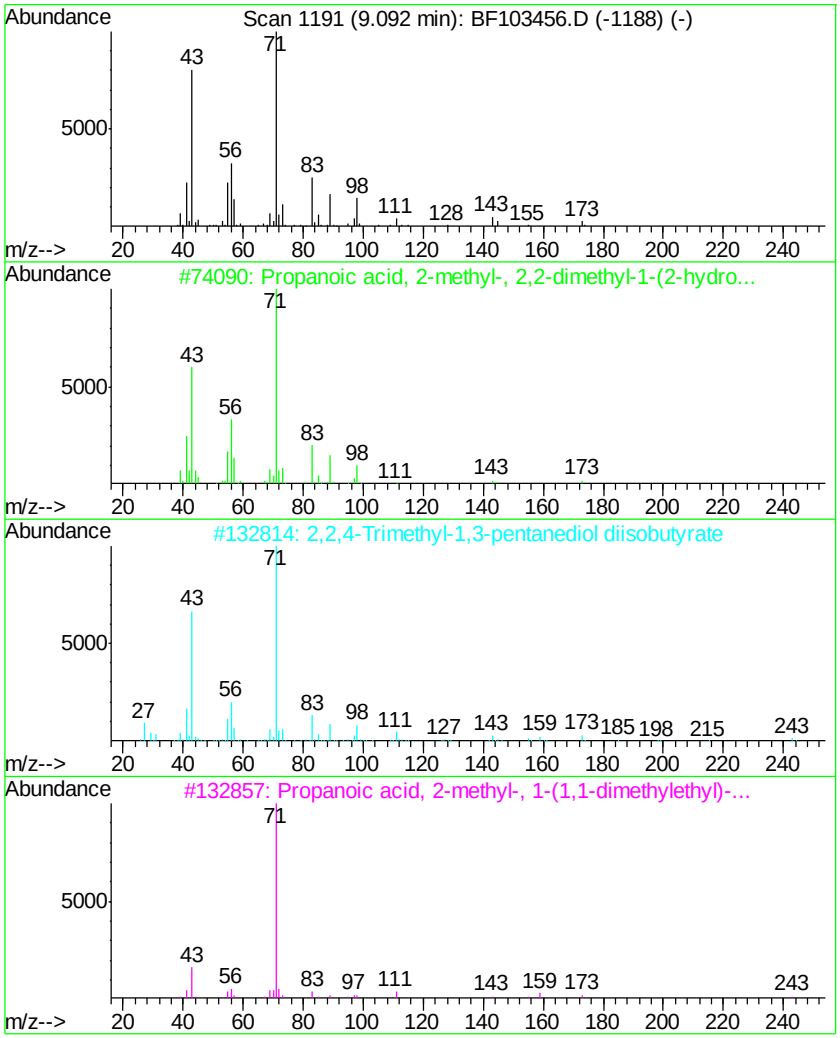
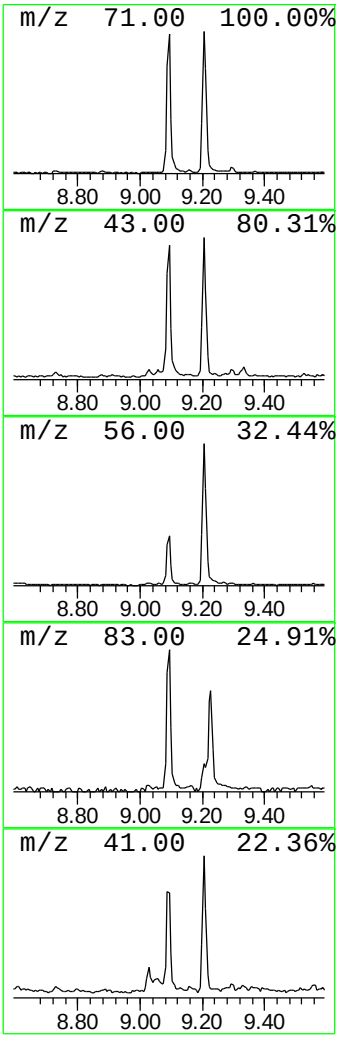
Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	4.54 ng	247215	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	83
2	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	64
3	Propanoic acid, 2-methyl-, 1-(1,...	286	C16H30O4	074381-40-1	50
4	Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	40
5	6-Methyl-hept-2-en-4-ol	128	C8H16O	083212-30-0	38





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Data File : BF103456.D
Acq On : 6 Mar 2018 15:24
Operator : SJ/JU
Sample : J1792-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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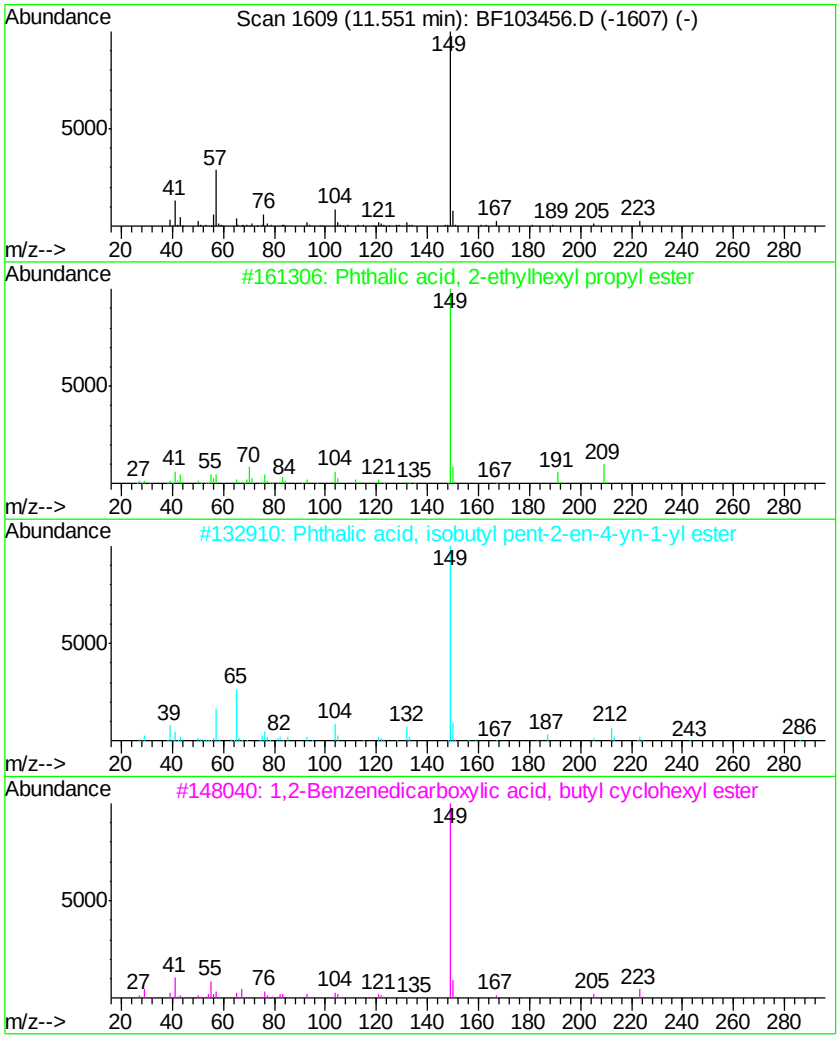
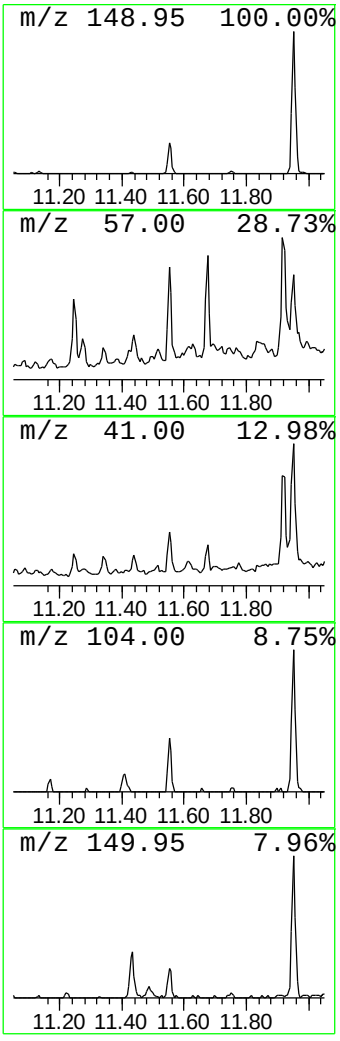
Peak Number 4 Phthalic acid, 2-ethylhexyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	2.16 ng	96900	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2-ethylhexyl prop...	320	C19H28O4	1000309-00-2	78
2	Phthalic acid, isobutyl pent-2-e...	286	C17H18O4	1000315-45-6	78
3	1,2-Benzenedicarboxylic acid, bu...	304	C18H24O4	000084-64-0	78
4	Phthalic acid, hexadecyl propyl ...	432	C27H44O4	1000309-06-5	72
5	Phthalic acid, ethyl nonyl ester	320	C19H28O4	1000308-93-5	72





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103456.D
Acq On : 6 Mar 2018 15:24
Operator : SJ/JU
Sample : J1792-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

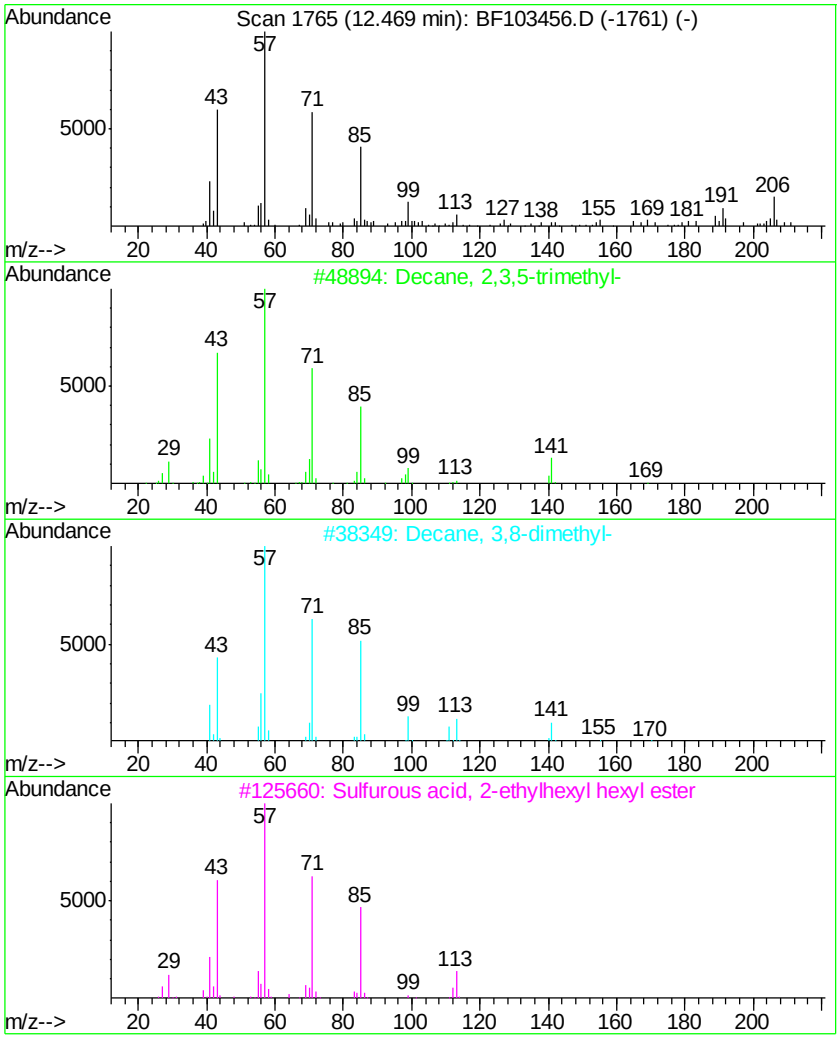
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

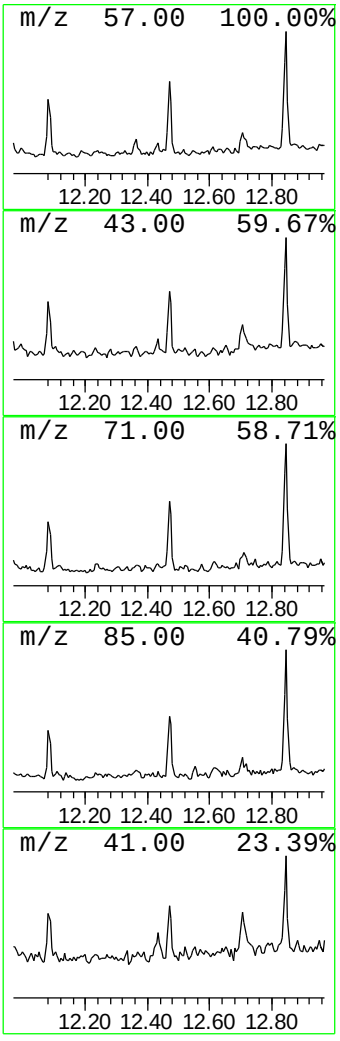
****

Peak Number 5 Decane, 2,3,5-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.08 ng	93352	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	59
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	50
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	46
5	Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	43





Library Search Compound Report

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Sample : J1792-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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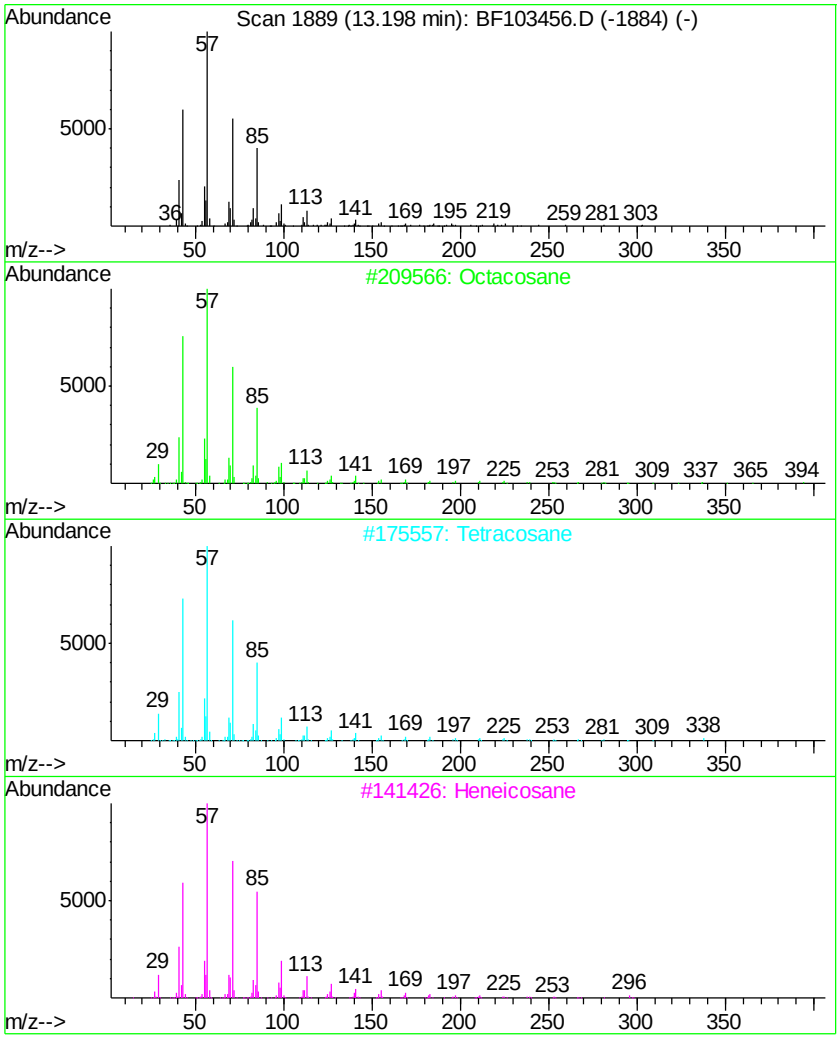
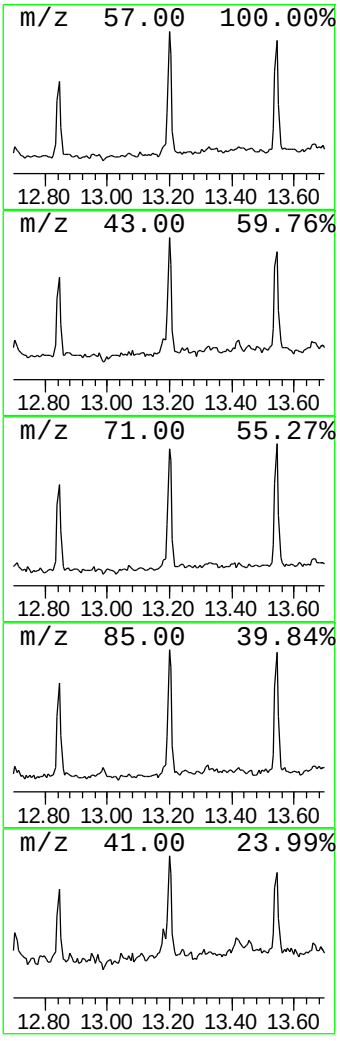
Peak Number 6 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	5.88 ng	281742	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
5	Docosane	310	C22H46	000629-97-0	90





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Sample : J1792-03
Misc :
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Instrument : BNA_F
ClientSampleId : TP-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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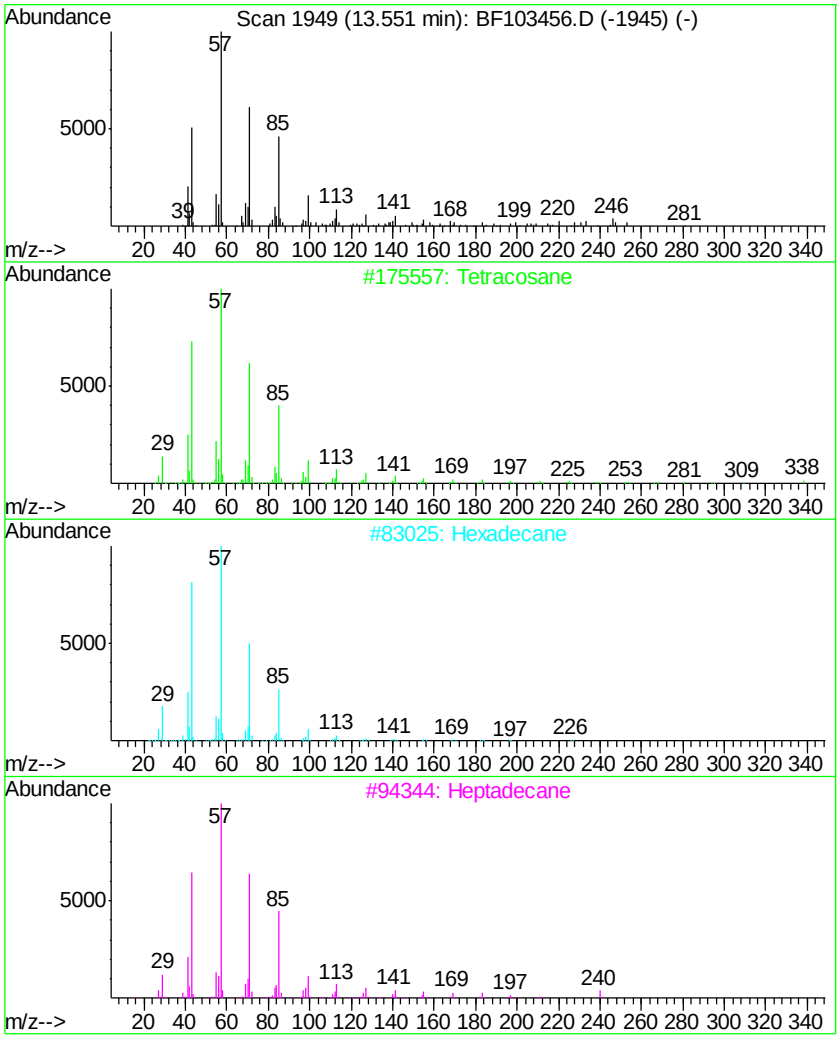
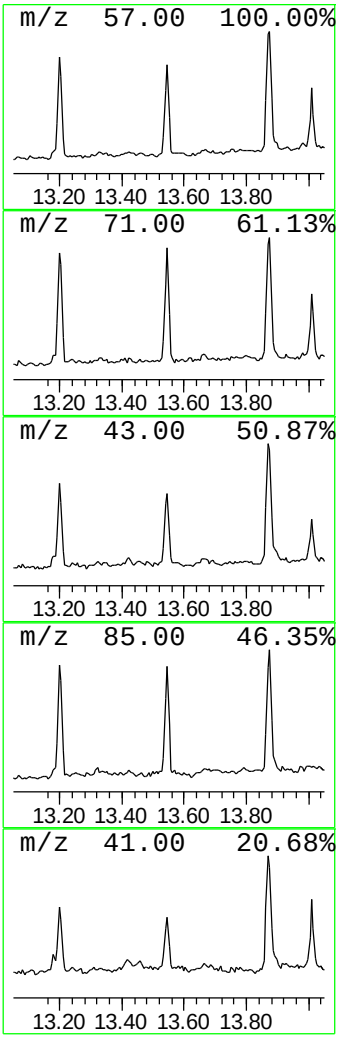
Peak Number 7 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	3.19 ng	152906	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	87
2	Hexadecane	226	C16H34	000544-76-3	86
3	Heptadecane	240	C17H36	000629-78-7	86
4	Octadecane	254	C18H38	000593-45-3	86
5	Heneicosane	296	C21H44	000629-94-7	83





Library Search Compound Report

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Data File : BF103456.D
Acq On : 6 Mar 2018 15:24
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Sample : J1792-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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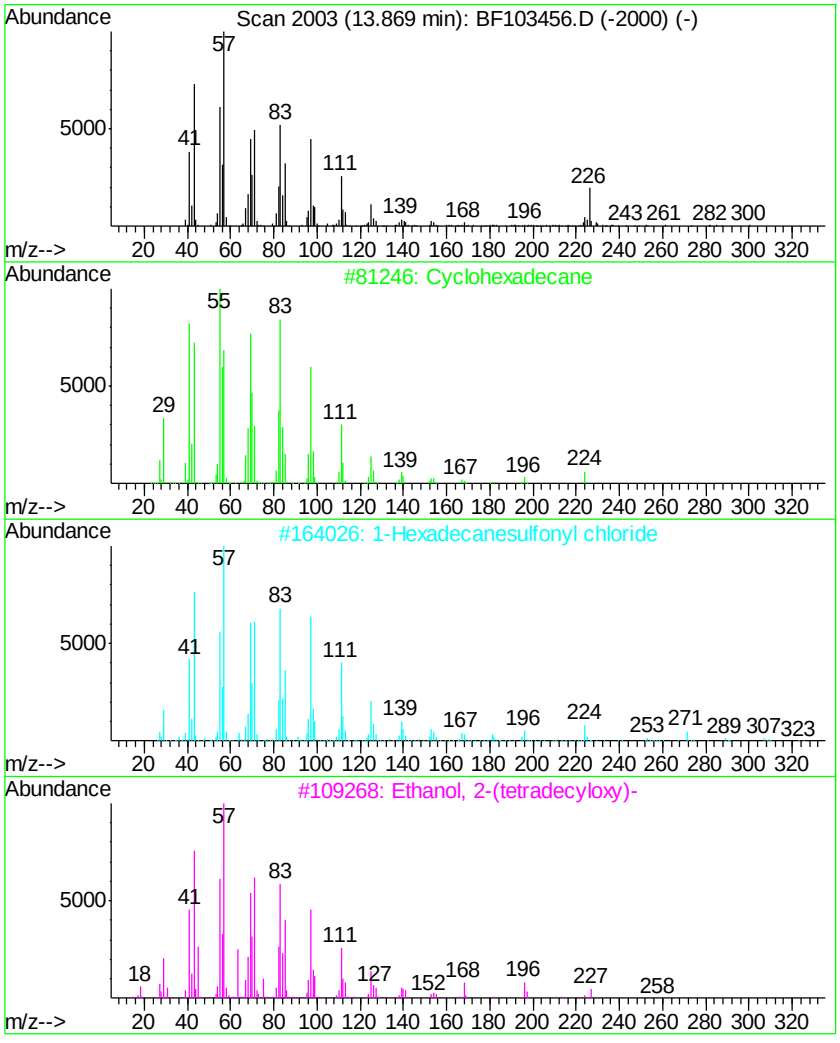
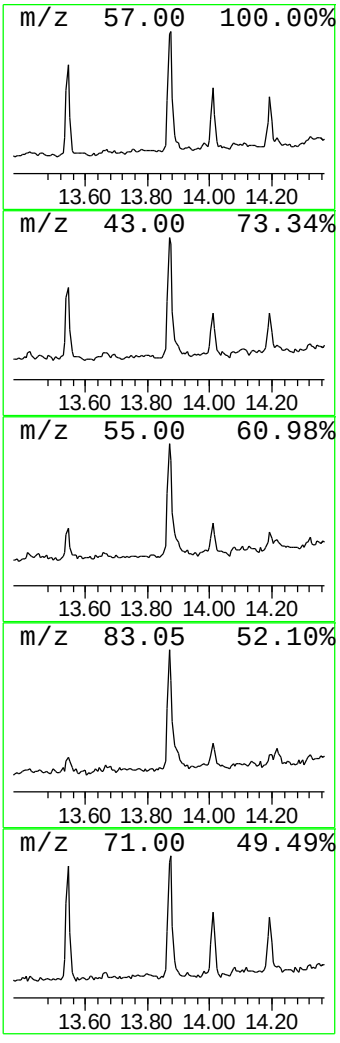
Peak Number 8 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	11.50 ng	551464	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	91
2	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	87
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
4	Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	87
5	Cetene	224	C16H32	000629-73-2	83





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103456.D
Acq On : 6 Mar 2018 15:24
Operator : SJ/JU
Sample : J1792-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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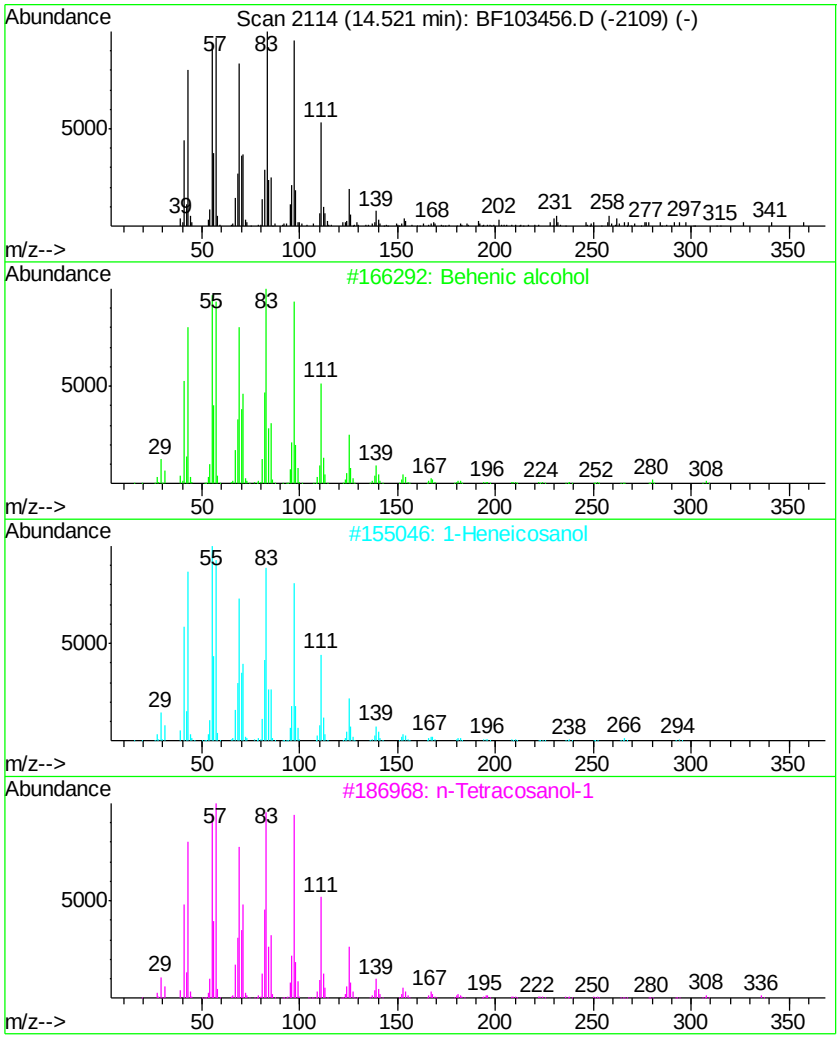
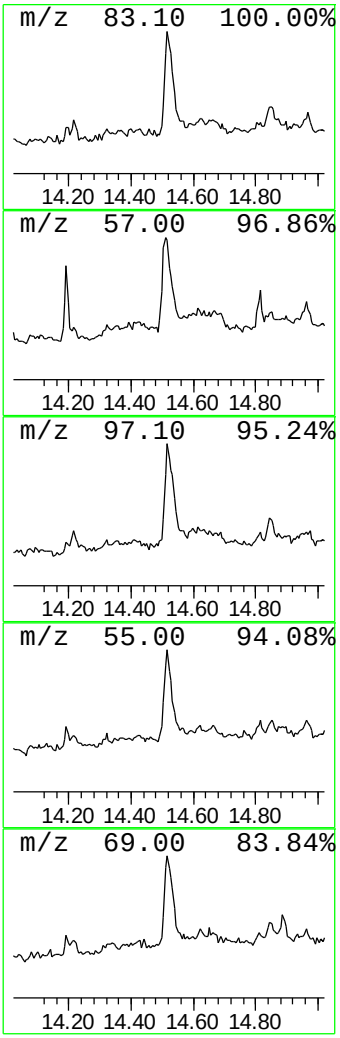
Peak Number 9 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	8.66 ng	414999	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	10-Heneicosene (c,t)	294	C21H42	095008-11-0	91
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF030618\
Data File : BF103456.D
Acq On : 6 Mar 2018 15:24
Operator : SJ/JU
Sample : J1792-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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
unknown6.65	6.65	53.7	ng	2224460	1	6.87	828414	20.0
Propanoic acid, 2...	9.09	4.5	ng	247215	3	9.91	1089390	20.0
Phthalic acid, 2-...	11.55	2.2	ng	96900	4	11.41	897096	20.0
Decane, 2,3,5-tri...	12.47	2.1	ng	93352	4	11.41	897096	20.0
Octacosane	13.20	5.9	ng	281742	5	14.06	958766	20.0
Tetracosane	13.55	3.2	ng	152906	5	14.06	958766	20.0
Cyclohexadecane	13.87	11.5	ng	551464	5	14.06	958766	20.0
Behenic alcohol	14.52	8.7	ng	414999	5	14.06	958766	20.0