LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116322.D
Acq On : 16 Aug 2019 15:08
Operator : HP/JU
Sample : K4356-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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	5.440	567	570	606	rBV	1586657	2015346	92.06%	7.057%
2	6.457	740	743	762	rBV	1987277	2103501	96.09%	7.365%
3	6.592	762	766	784	rVB	2168141	2189047	100.00%	7.665%
4	6.816	801	804	816	rBV	584966	556116	25.40%	1.947%
5	6.969	827	830	846	rBV	1537407	1562557	71.38%	5.471%
6	7.381	897	900	924	rBV	1352370	1384099	63.23%	4.846%
7	8.098	1019	1022	1044	rBV	688088	719101	32.85%	2.518%
8	9.169	1200	1204	1220	rBV	2250373	2025603	92.53%	7.093%
9	9.563	1268	1271	1278	rBV	456736	410434	18.75%	1.437%
10	9.845	1316	1319	1336	rVB	948052	896858	40.97%	3.140%
11	10.639	1450	1454	1469	rBV	1417090	1464348	66.89%	5.127%
12	11.333	1569	1572	1579	rBV	871599	893020	40.79%	3.127%
13	11.857	1658	1661	1665	rBV	59883	71636	3.27%	0.251%
14	12.110	1701	1704	1710	rVB	59742	48854	2.23%	0.171%
15	12.410	1752	1755	1759	rVB	819087	634941	29.01%	2.223%
16	12.780	1813	1818	1821	rBV	159104	129280	5.91%	0.453%
17	12.910	1837	1840	1848	rVB	1908105	1703609	77.82%	5.965%
18	13.139	1872	1879	1882	rBV	1024523	937504	42.83%	3.283%
19	13.474	1933	1936	1943	rVB	117865	110791	5.06%	0.388%
20	13.557	1947	1950	1954	rBV2	29652	27773	1.27%	0.097%
21	13.716	1974	1977	1981	rVB	80179	73081	3.34%	0.256%
22	13.804	1988	1992	2000	rBV	807300	965819	44.12%	3.382%
23	13.863	2000	2002	2008	rVV	63234	73830	3.37%	0.259%
24	13.945	2012	2016	2018	rVV	65507	59778	2.73%	0.209%
25	13.980	2018	2022	2033	rVV	671613	720884	32.93%	2.524%
26	14.116	2041	2045	2048	rBV	83877	91713	4.19%	0.321%
27	14.239	2063	2066	2070	rBV	126384	111666	5.10%	0.391%
28	14.433	2093	2099	2109	rBV2	430647	955570	43.65%	3.346%
29	14.721	2143	2148	2151	rBV	101939	110899	5.07%	0.388%
30	14.757	2151	2154	2158	rBV3	21246	32244	1.47%	0.113%
31	14.863	2168	2172	2180	rVB	84611	83891	3.83%	0.294%
32	15.051	2196	2204	2207	rBV	310801	408766	18.67%	1.431%
33	15.086	2207	2210	2226	rVB2	202392	468342	21.39%	1.640%
34	15.433	2261	2269	2286	rBV	462331	912886	41.70%	3.196%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : TP-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.610	2294	2299	2308	rBV	60151	97697	4.46%	0.342%
36	15.745	2319	2322	2329	rVB2	19044	34107	1.56%	0.119%
37	15.833	2332	2337	2343	rBV	185750	271144	12.39%	0.949%
38	15.904	2343	2349	2356	rBV2	166827	477164	21.80%	1.671%
39	16.110	2381	2384	2390	rVB3	16108	24723	1.13%	0.087%
40	16.321	2415	2420	2425	rBV	45082	74747	3.41%	0.262%
41	16.598	2463	2467	2477	rVB3	32102	56979	2.60%	0.200%
42	16.886	2511	2516	2524	rVB	33903	70407	3.22%	0.247%
43	17.027	2530	2540	2542	rBV9	31540	93447	4.27%	0.327%
44	17.468	2601	2615	2623	rBV2	376911	930708	42.52%	3.259%
45	17.727	2651	2659	2675	rBV5	132688	520393	23.77%	1.822%
46	17.933	2686	2694	2710	rVB2	265107	670404	30.63%	2.347%
47	18.274	2745	2752	2763	rVB3	106791	283458	12.95%	0.993%

Sum of corrected areas: 28559165

LSC Report - Integrated Chromatogram

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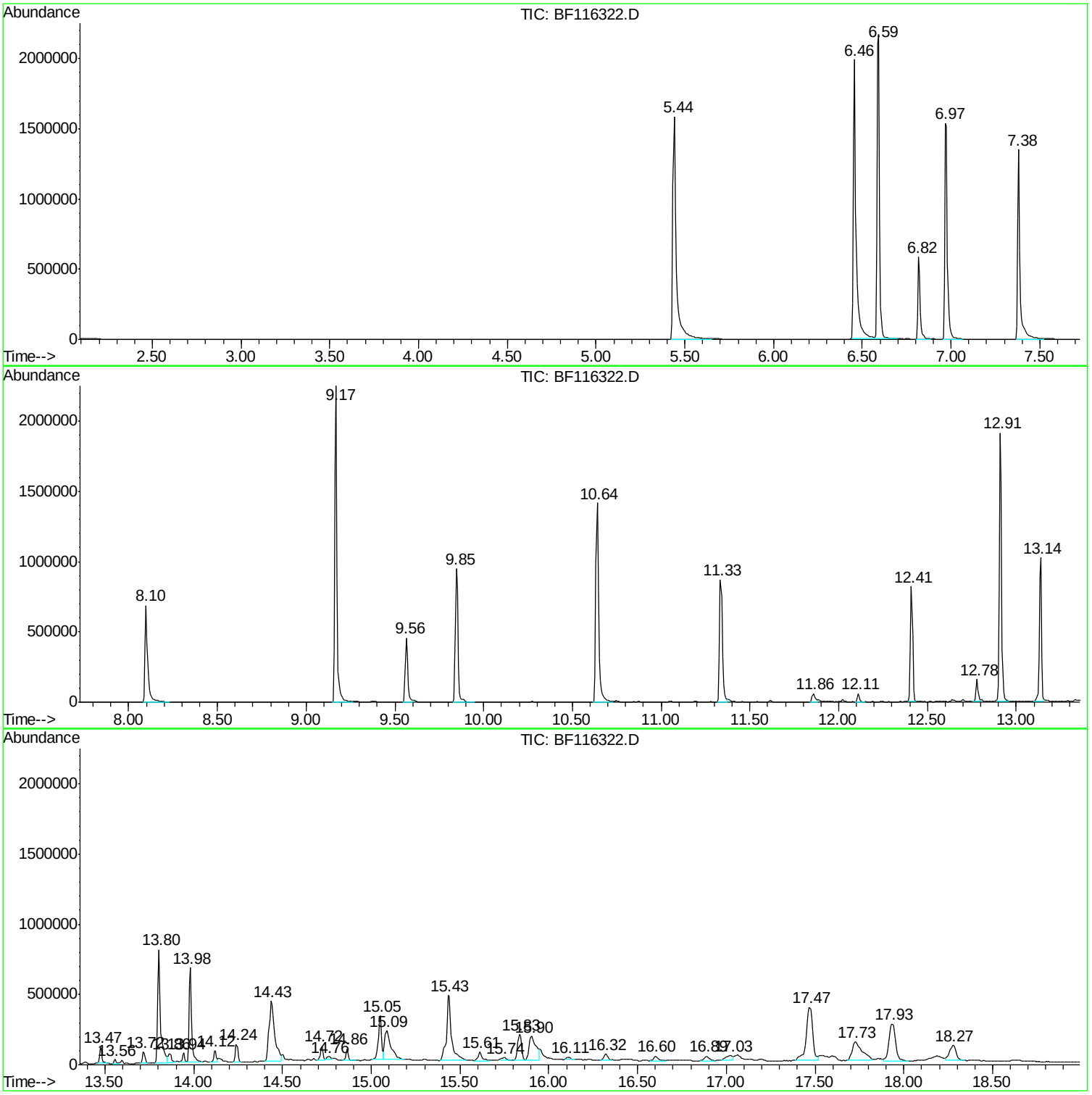
Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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 : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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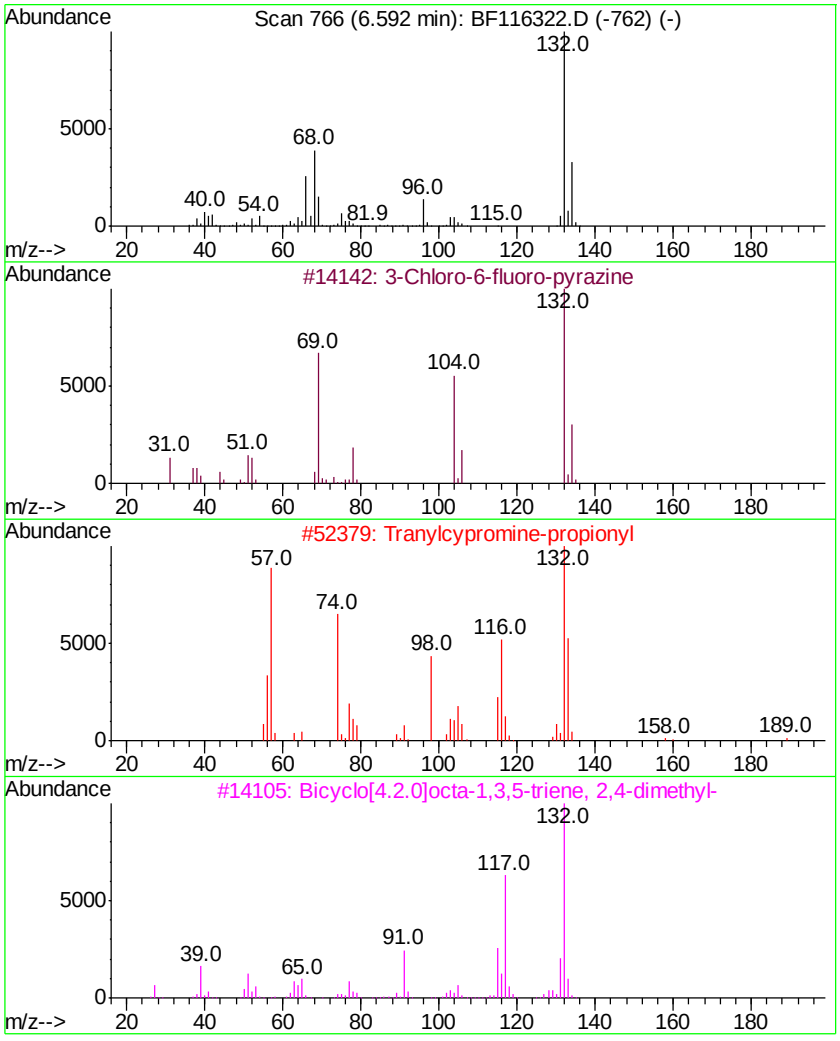
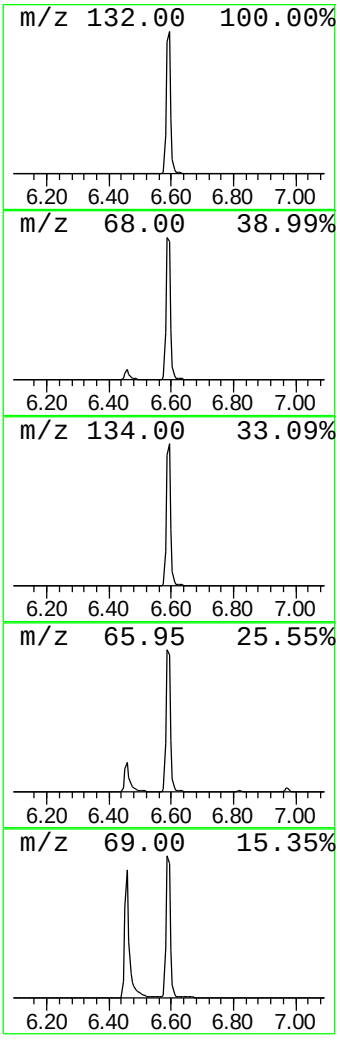
Peak Number 1 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	78.73 ng	2189050	1,4-Dichlorobenzene-d4	6.82

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	12
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	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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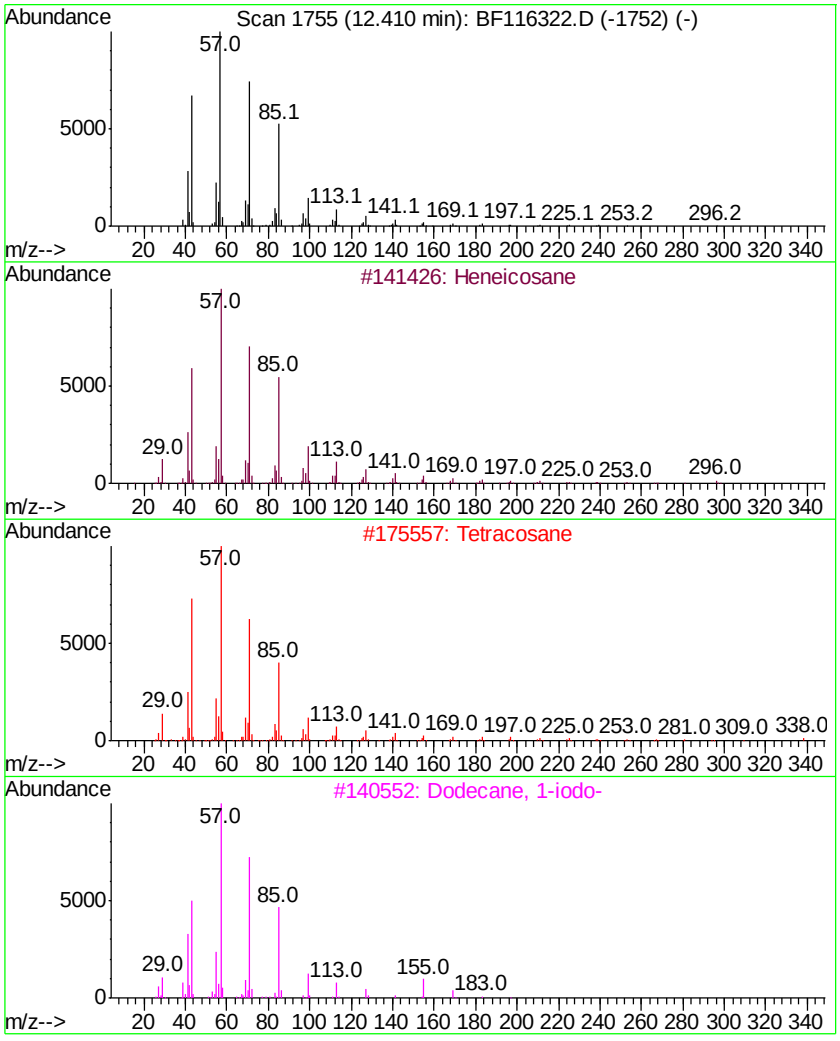
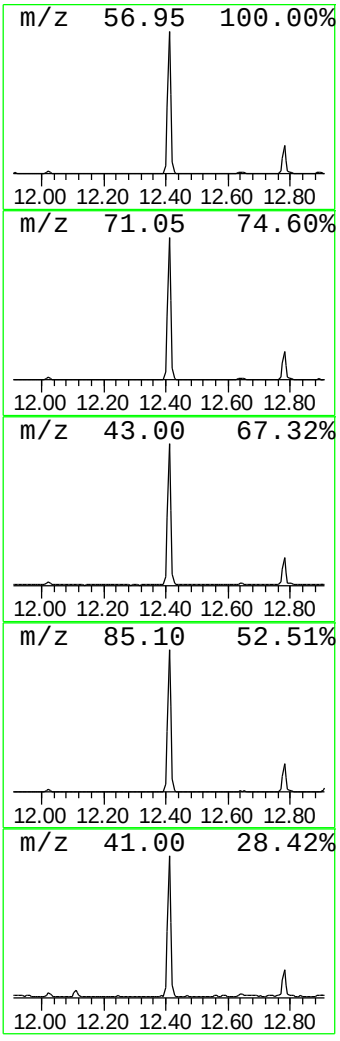
Peak Number 3 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	14.22 ng	634941	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	90





Library Search Compound Report

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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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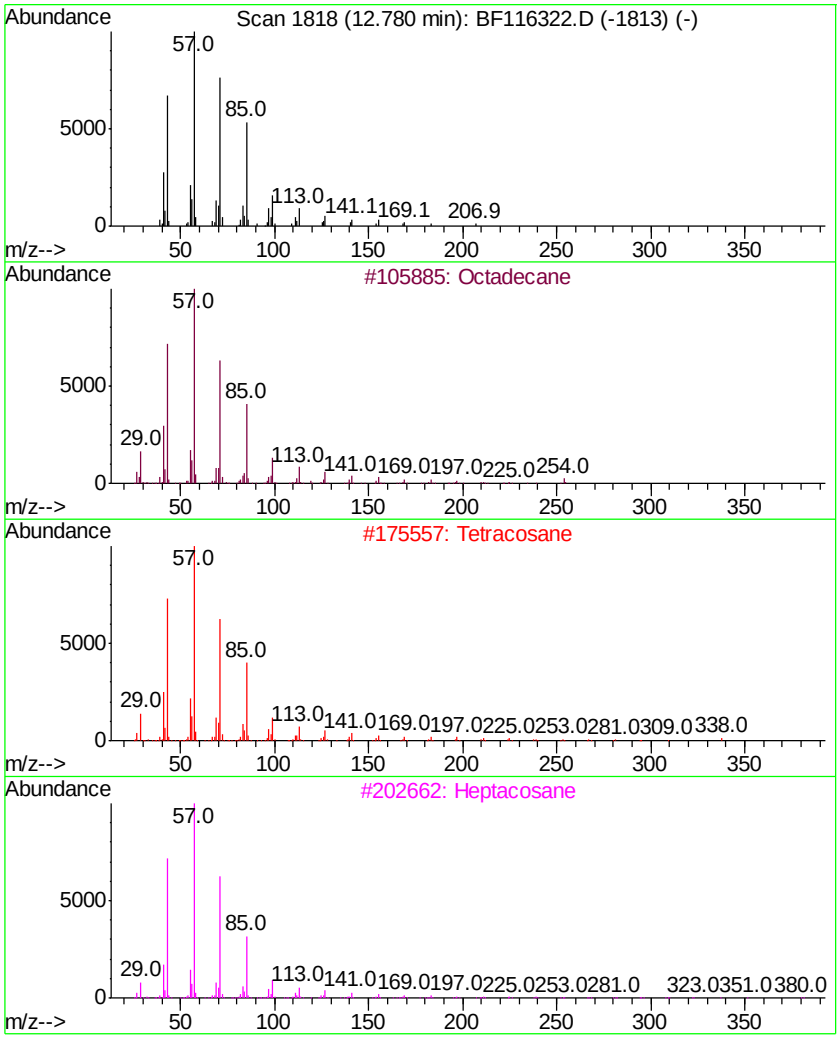
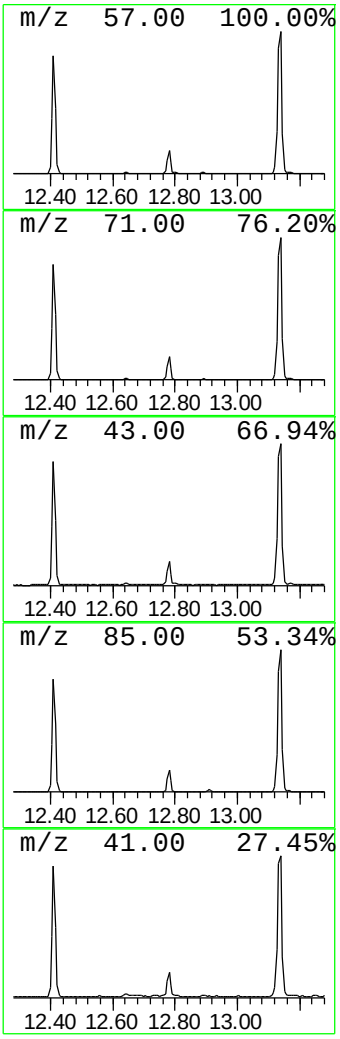
Peak Number 4 Octadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	3.59 ng	129280	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heptacosane	380	C27H56	000593-49-7	90
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





Library Search Compound Report

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Acq On : 16 Aug 2019 15:08
Operator : HP/JU
Sample : K4356-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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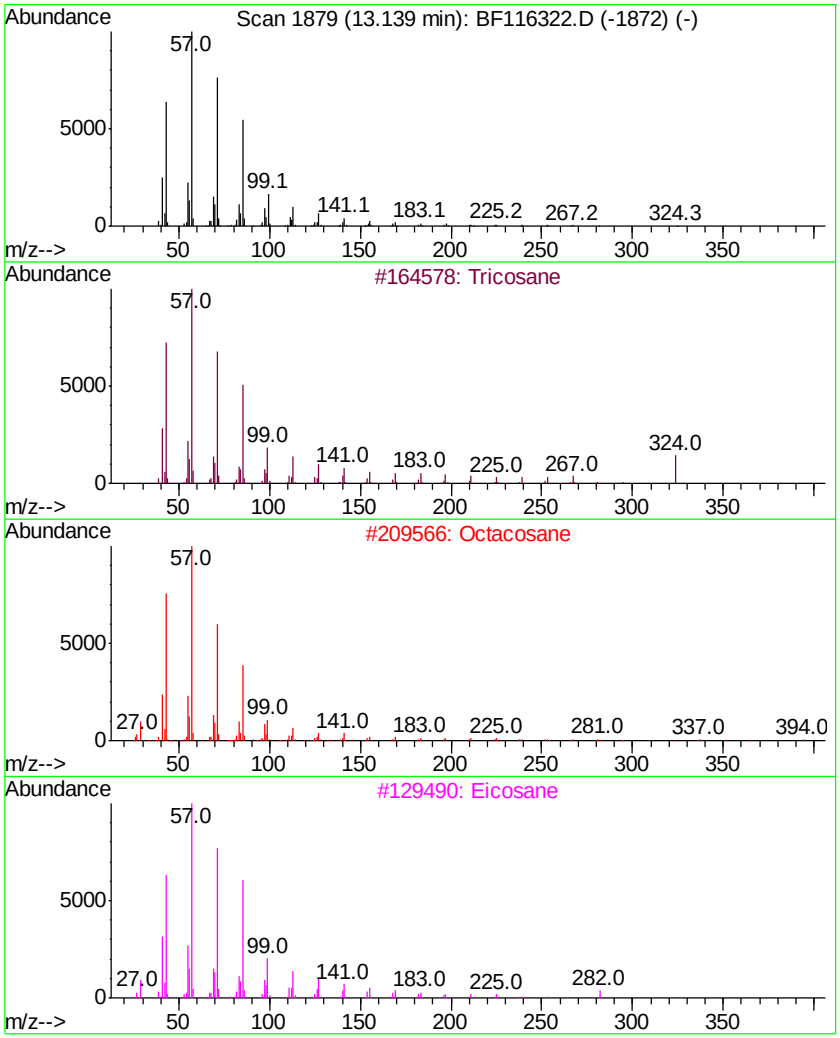
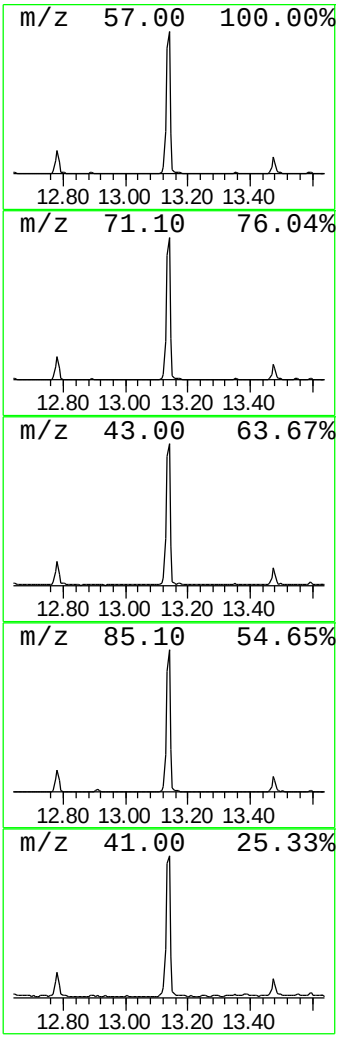
Peak Number 5 Tricosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	26.01 ng	937504	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	94
2	Octacosane	394	C28H58	000630-02-4	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptacosane	380	C27H56	000593-49-7	90





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Sample : K4356-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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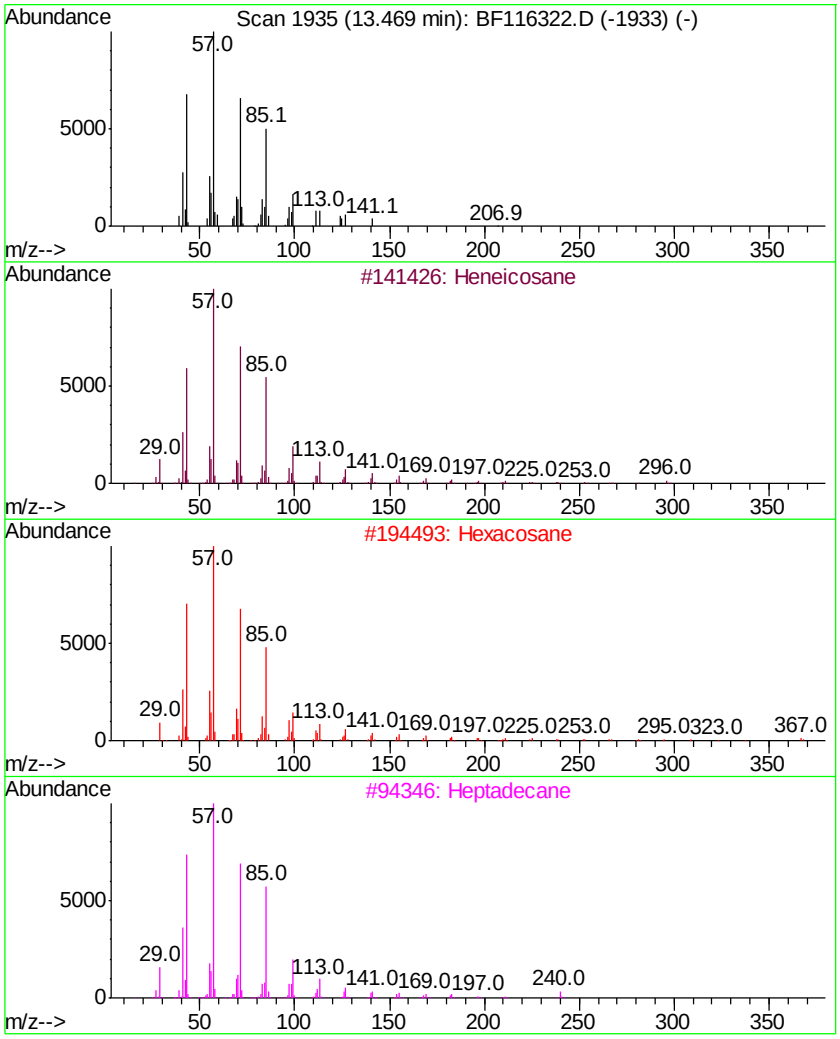
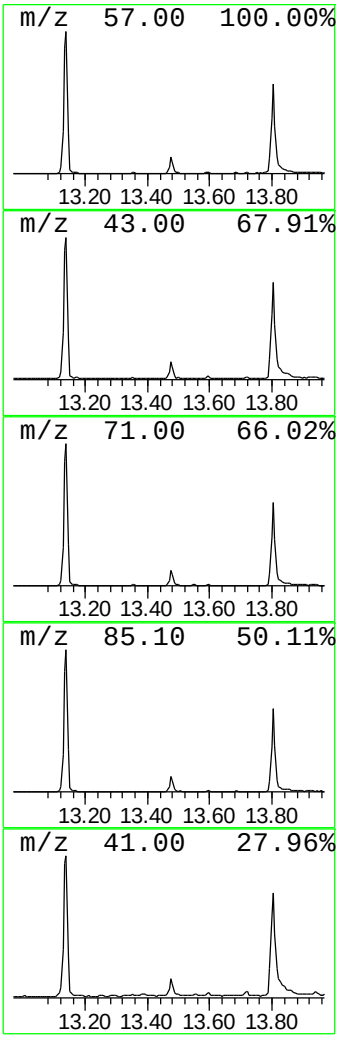
Peak Number 6 Hexacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	3.07 ng	110791	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptadecane	240	C17H36	000629-78-7	87
4	Triacontane	422	C30H62	000638-68-6	86
5	Hexadecane	226	C16H34	000544-76-3	86





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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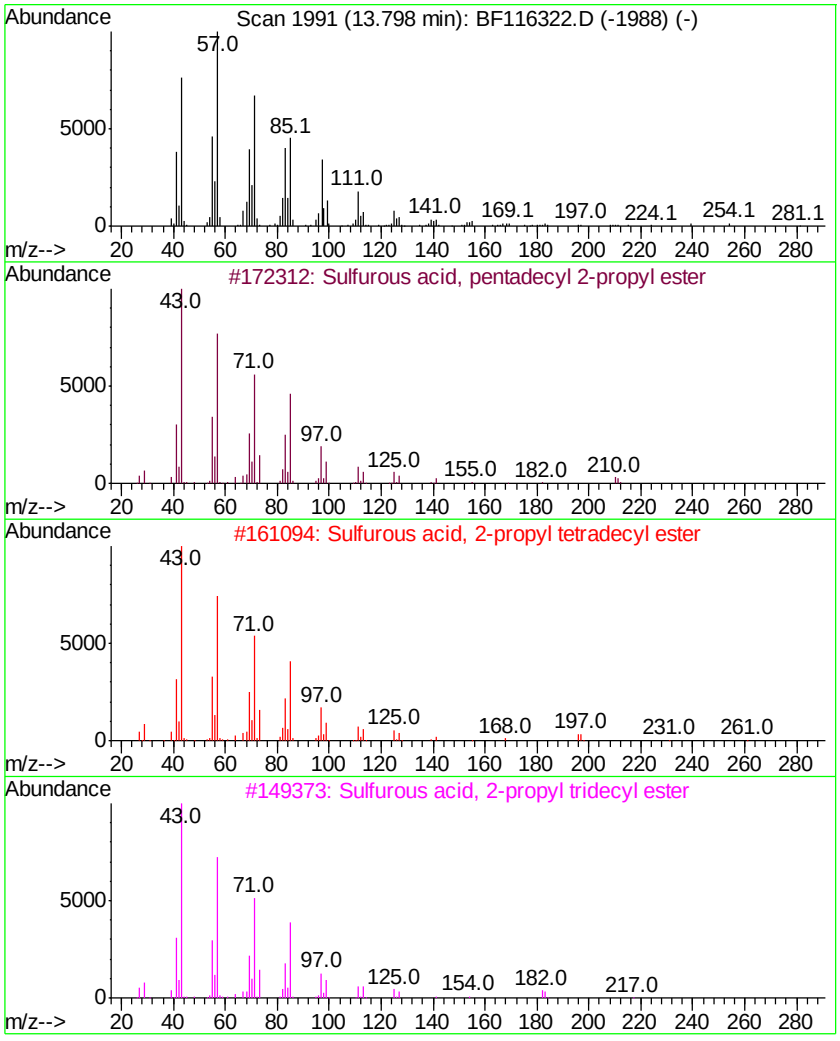
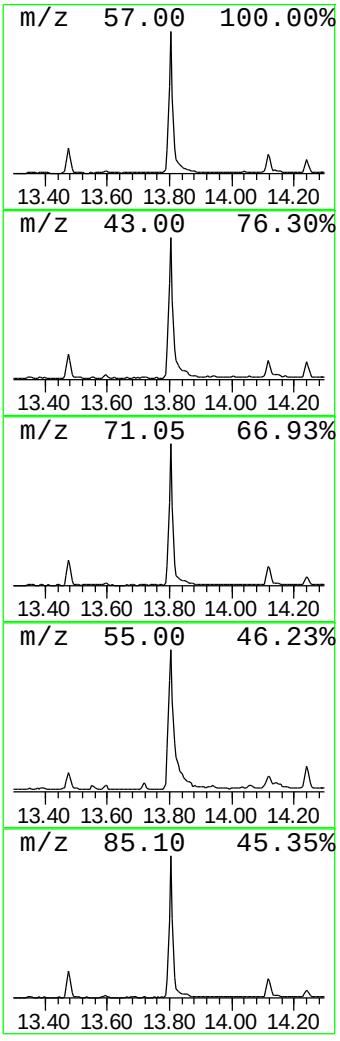
Peak Number 7 Sulfurous acid, pentadecyl ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	26.80 ng	965819	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	91
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	91
3	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	91
4	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	74
5	Tetradecane	198	C14H30	000629-59-4	68





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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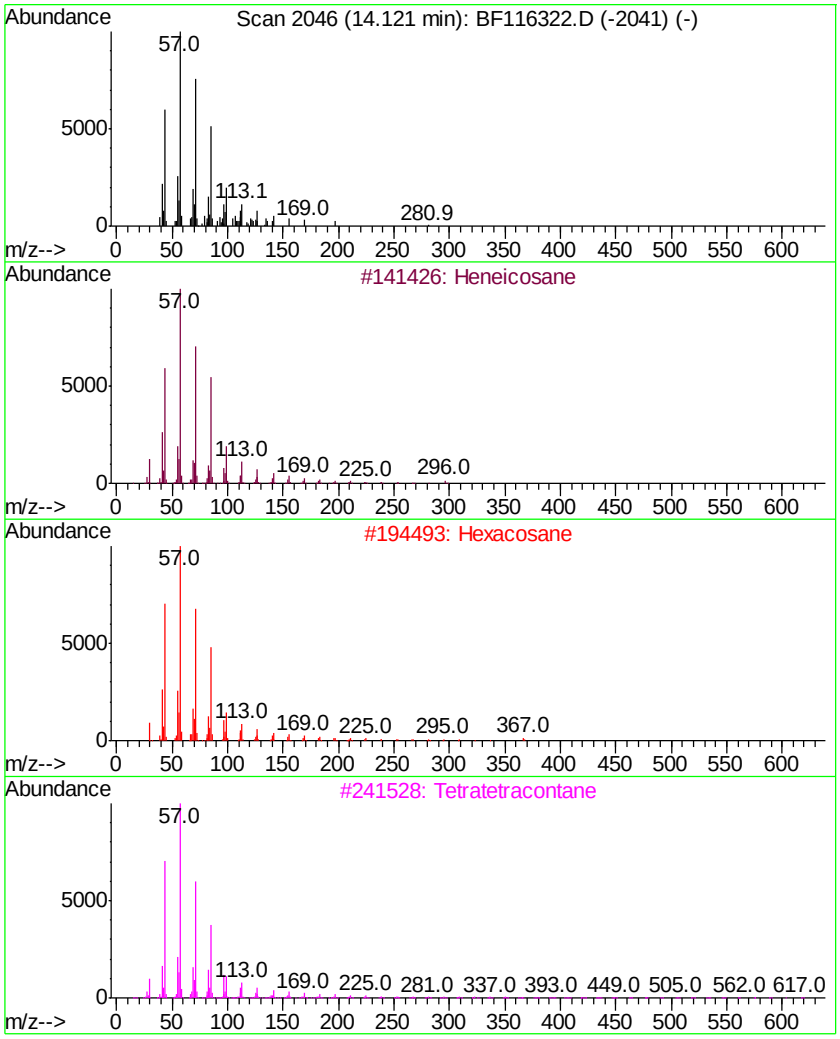
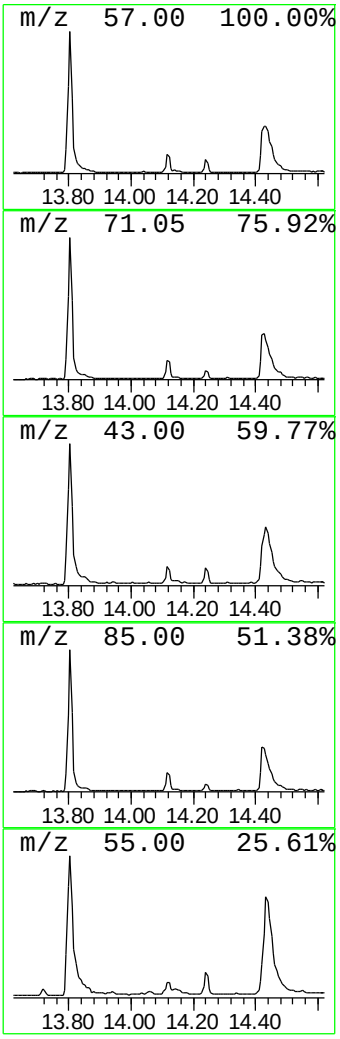
Peak Number 8 Tetratetracontane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	2.54 ng	91713	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Triacontane	422	C30H62	000638-68-6	90
5	Docosane	310	C22H46	000629-97-0	86





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Acq On : 16 Aug 2019 15:08
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Sample : K4356-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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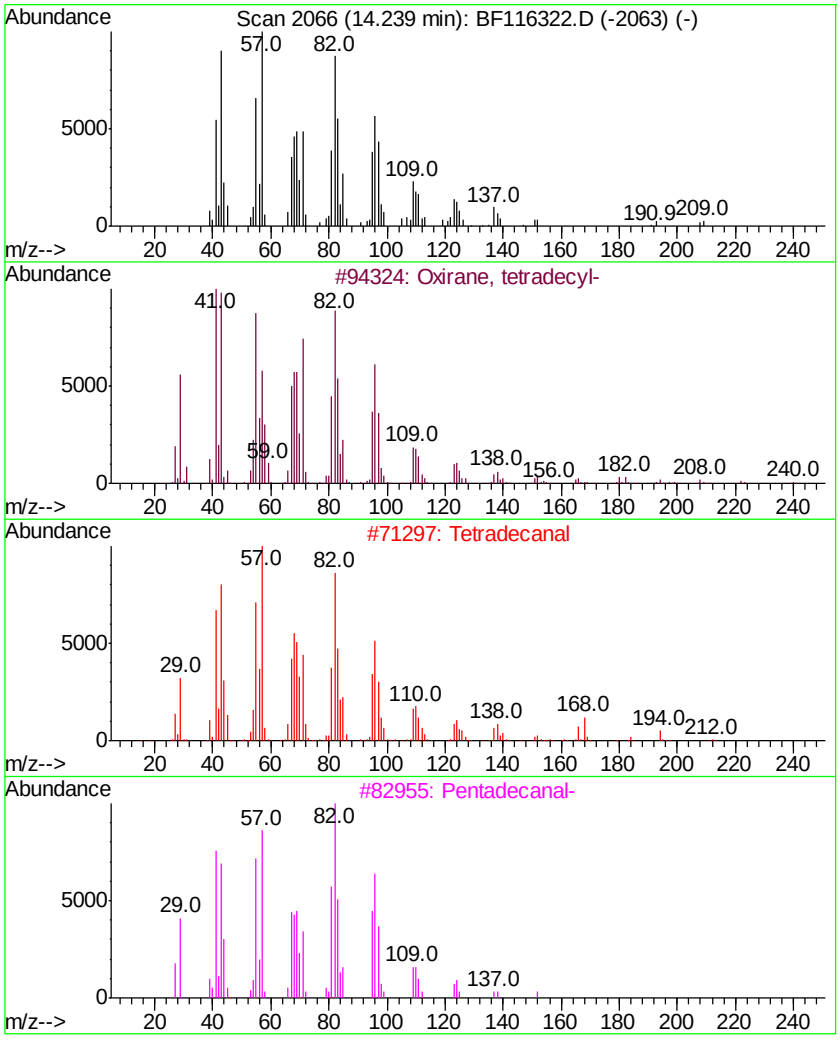
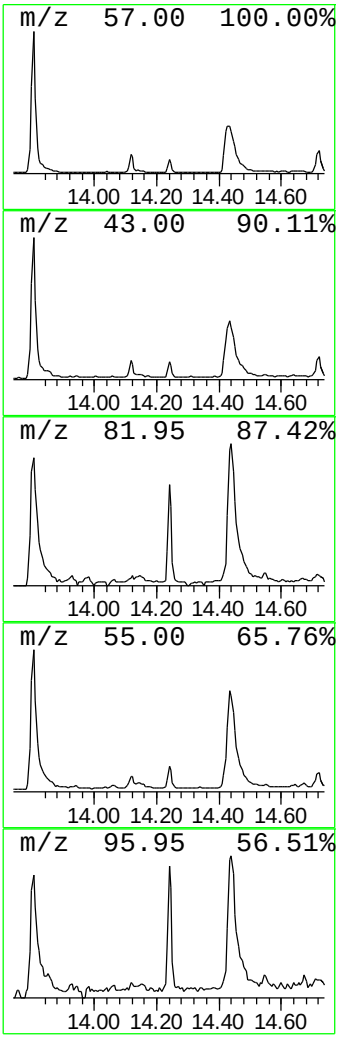
Peak Number 9 Oxirane, tetradecyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	3.10 ng	111666	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, tetradecyl-	240	C16H32O	007320-37-8	91
2	Tetradecanal	212	C14H28O	000124-25-4	87
3	Pentadecanal-	226	C15H30O	002765-11-9	74
4	18-Nonadecen-1-ol	282	C19H38O	1000142-89-2	74
5	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
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Operator : HP/JU
Sample : K4356-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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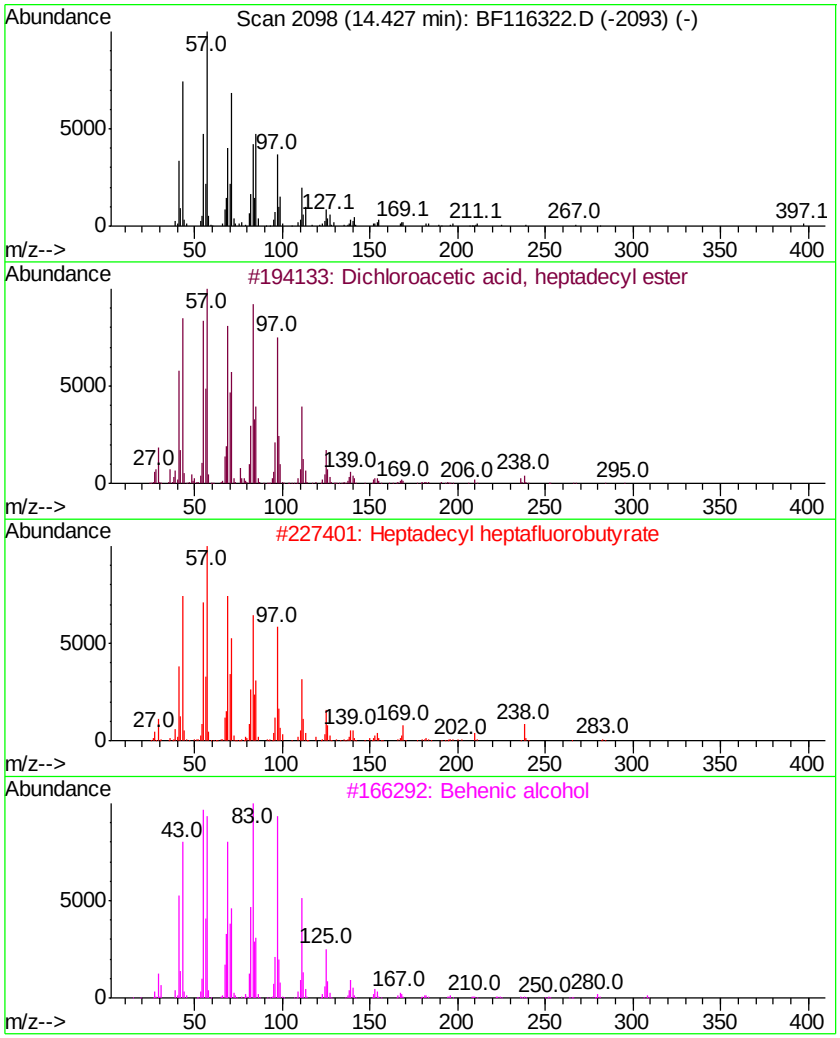
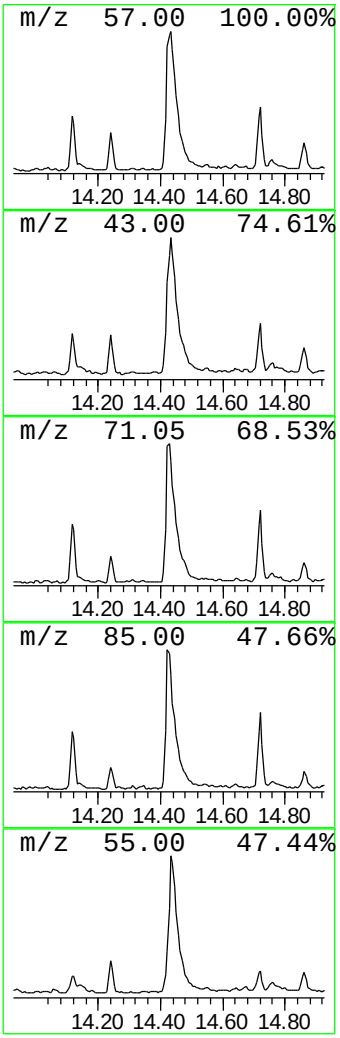
Peak Number 10 Dichloroacetic acid, heptad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	26.51 ng	955570	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93





Library Search Compound Report

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Data File : BF116322.D
Acq On : 16 Aug 2019 15:08
Operator : HP/JU
Sample : K4356-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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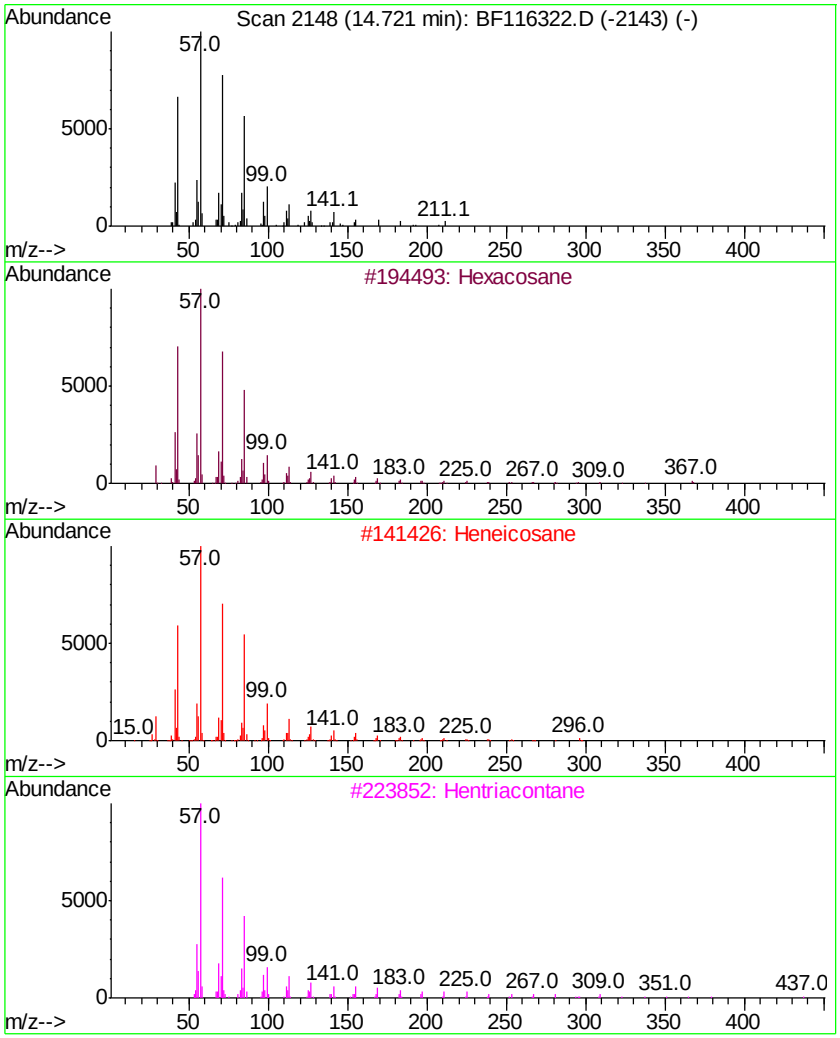
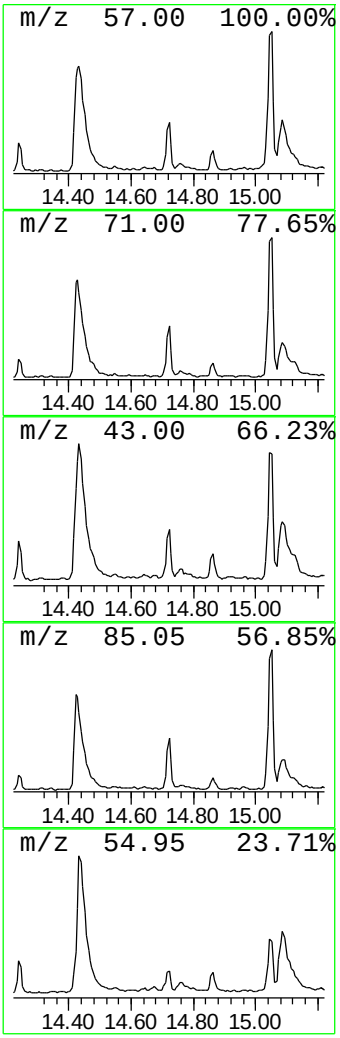
Peak Number 11 Hentriacontane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	2.43 ng	110899	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Octadecane	254	C18H38	000593-45-3	90





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Sample : K4356-03
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Instrument : BNA_F
ClientSampleId : TP-2

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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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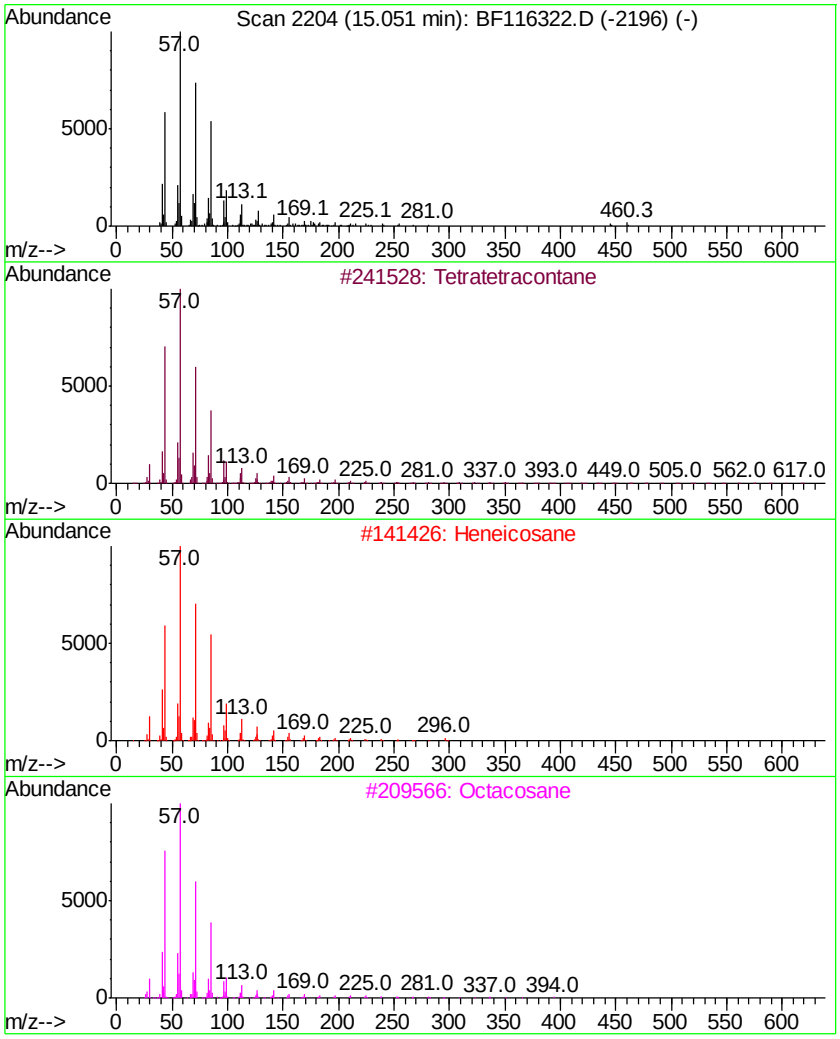
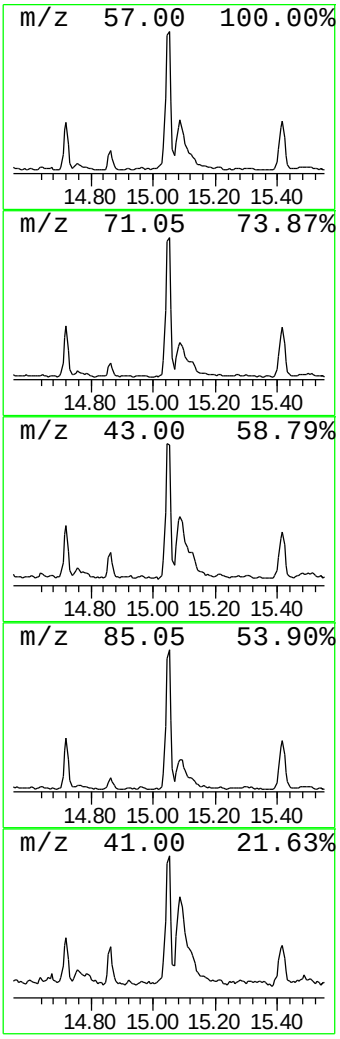
Peak Number 12 2-methyloctacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	8.96 ng	408766	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Hexacosane	366	C26H54	000630-01-3	91





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Sample : K4356-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId : TP-2

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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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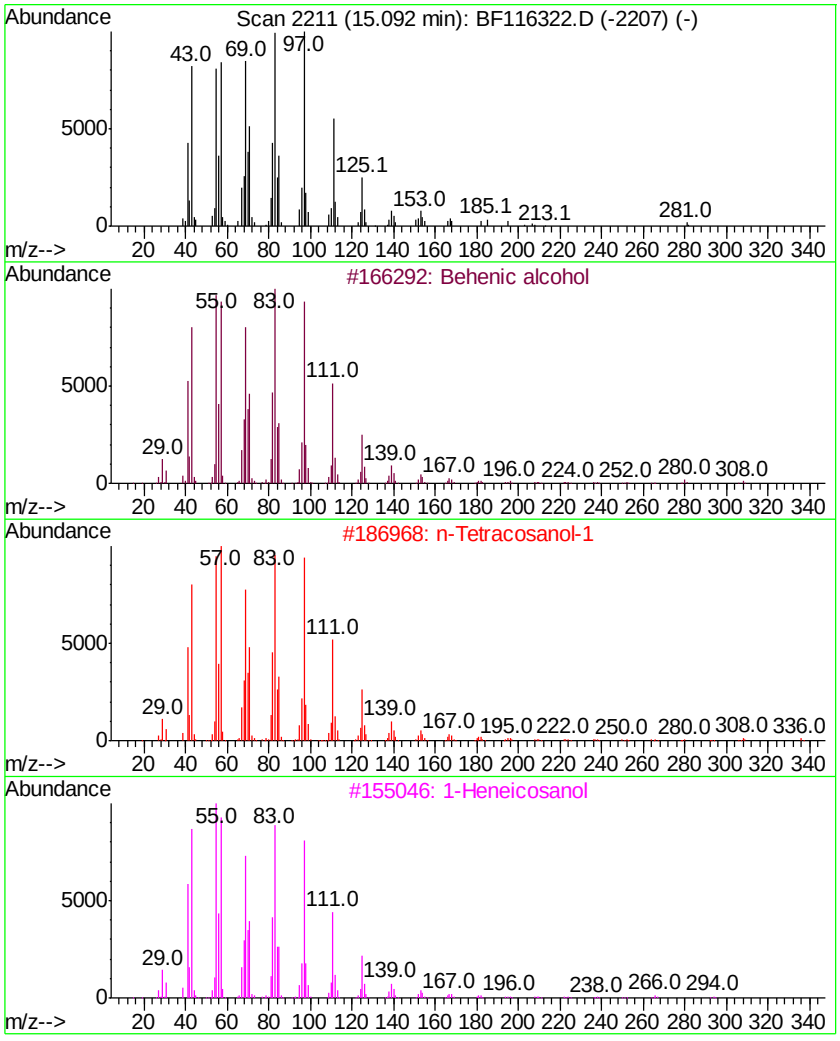
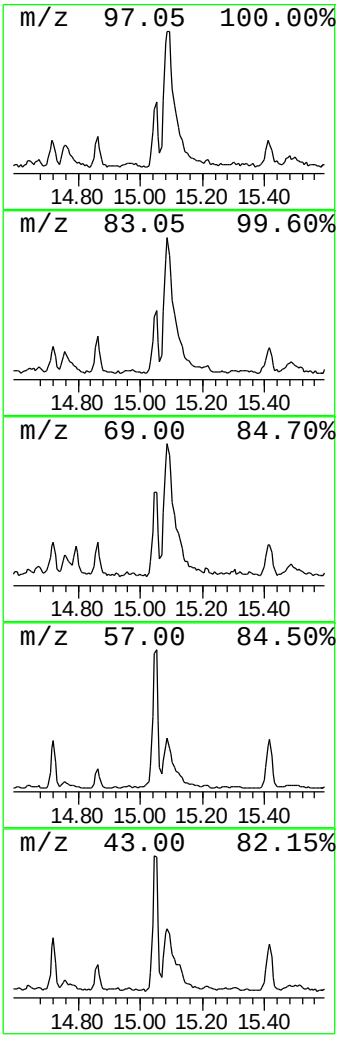
Peak Number 13 Behenic alcohol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	10.26 ng	468342	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	Octacosanol	410	C28H58O	000557-61-9	93
5	1-Heptacosanol	396	C27H56O	002004-39-9	93





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Sample : K4356-03
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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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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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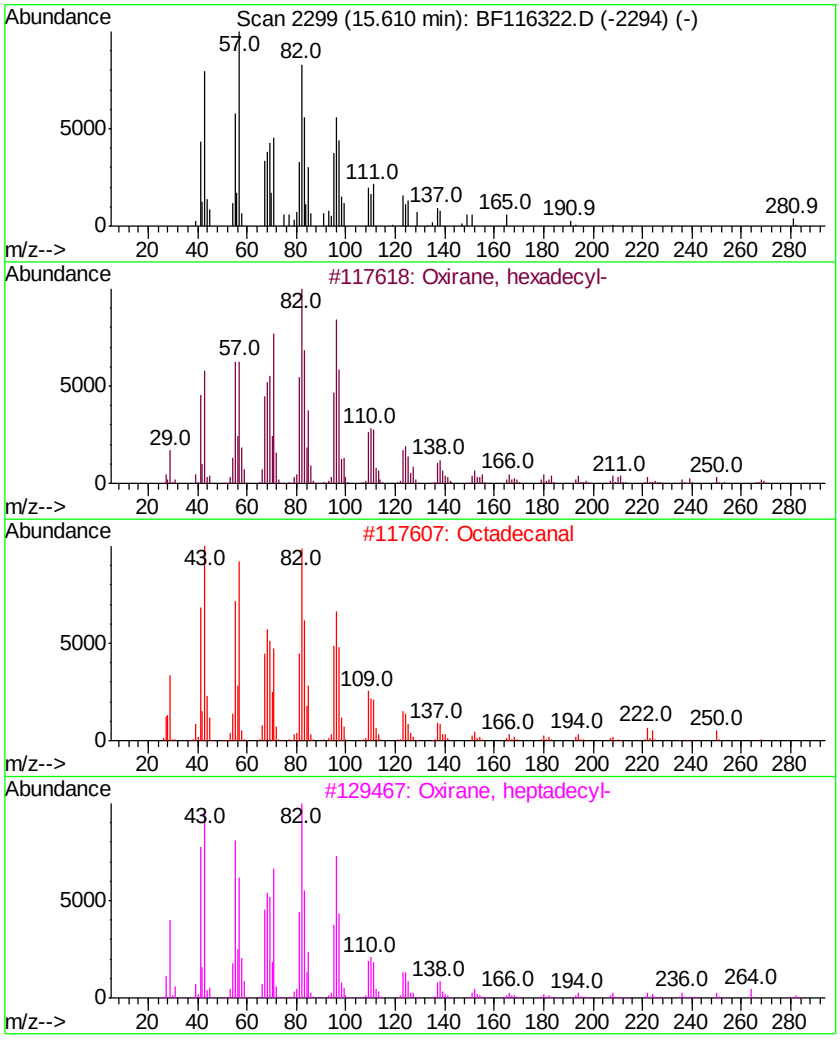
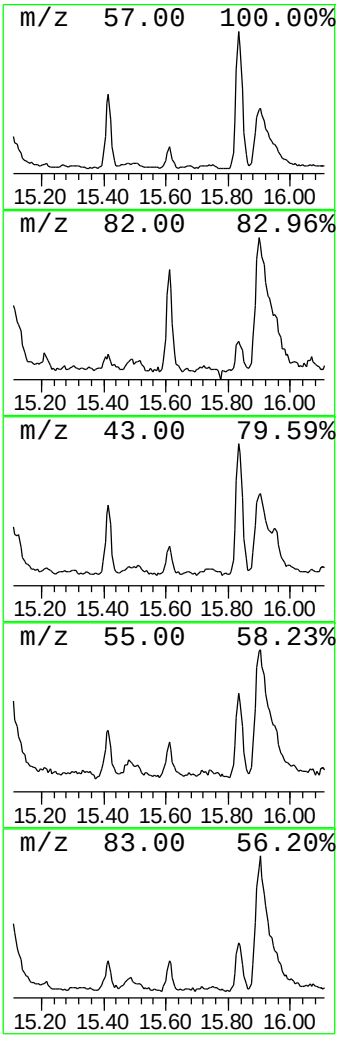
Peak Number 14 Oxirane, hexadecyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	2.14 ng	97697	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2	Octadecanal	268	C18H36O	000638-66-4	90
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
4	Pentadecanal-	226	C15H30O	002765-11-9	68
5	1,19-Eicosadiene	278	C20H38	014811-95-1	68





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
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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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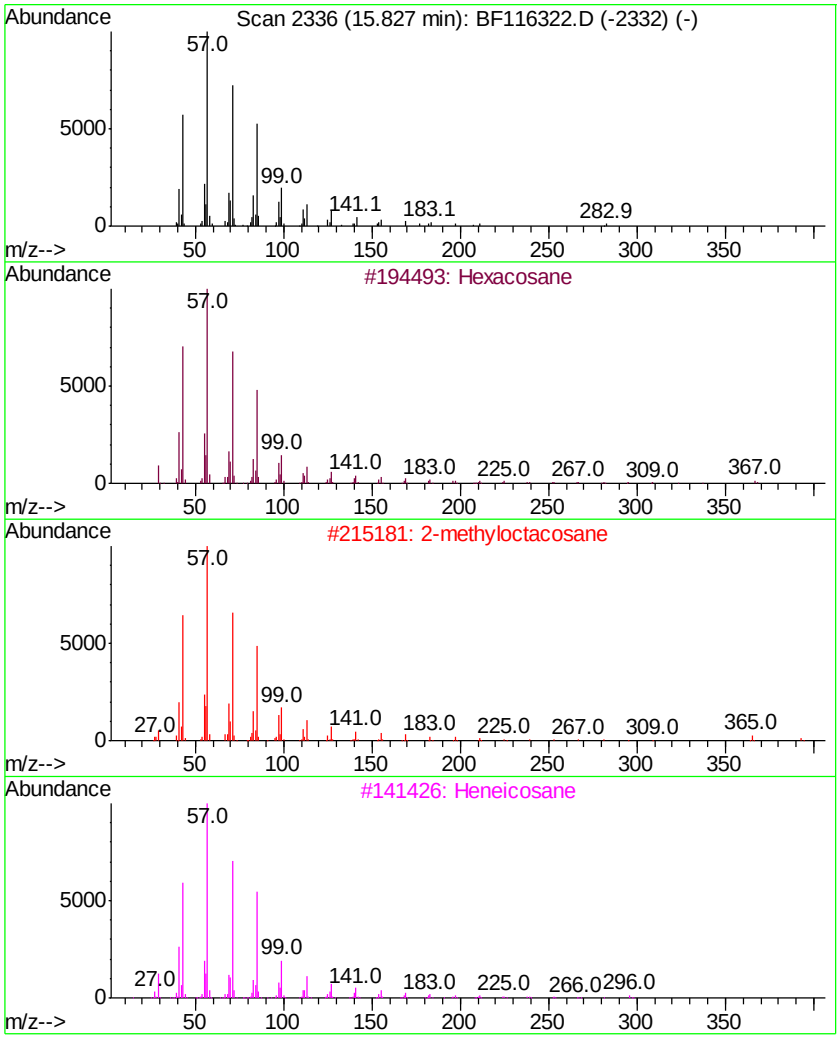
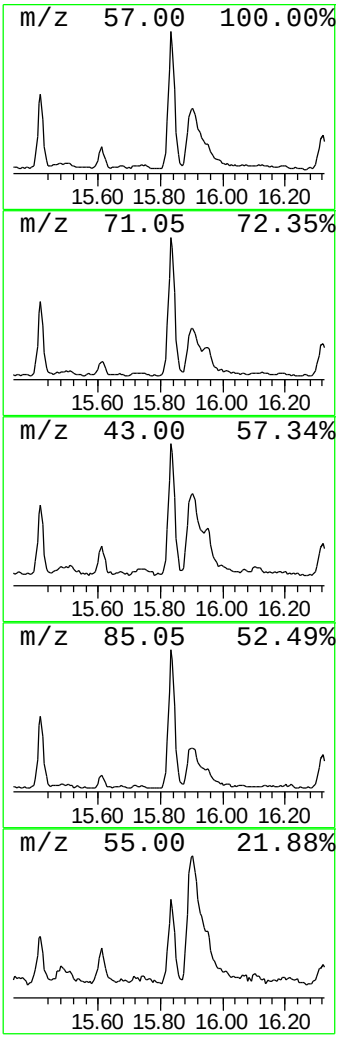
Peak Number 15 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	5.94 ng	271144	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Instrument : BNA_F
ClientSampleId : TP-2

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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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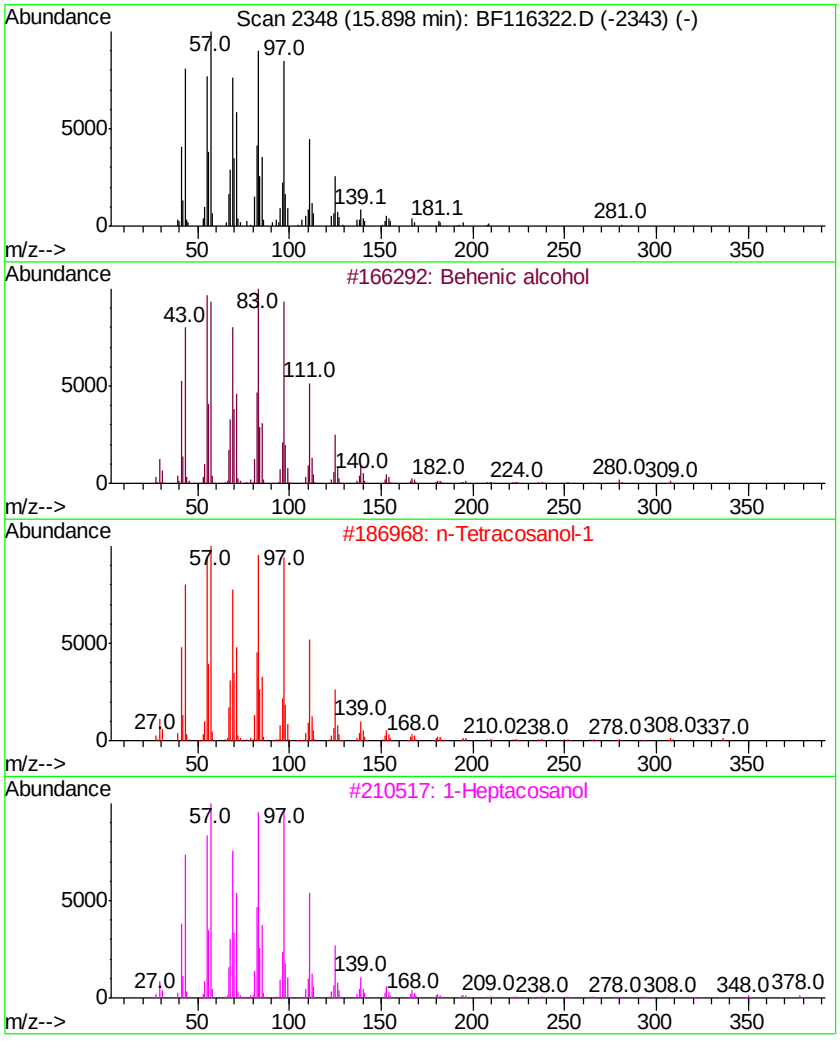
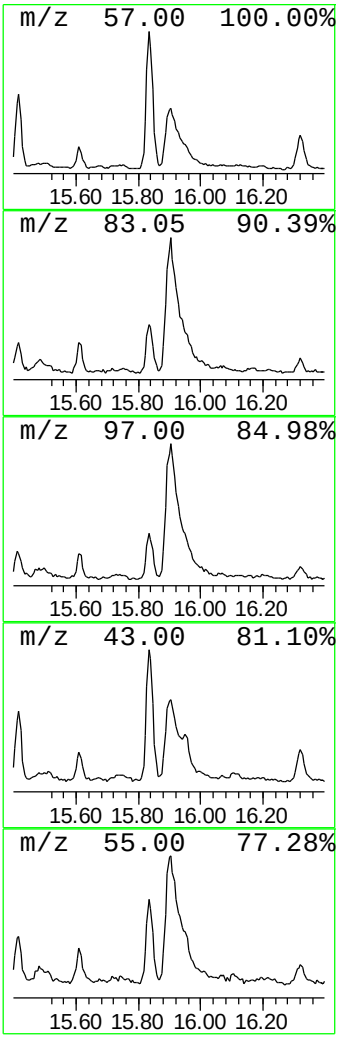
Peak Number 16 n-Tetracosanol-1 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	10.45 ng	477164	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	1-Heptacosanol	396	C27H56O	002004-39-9	95
4	Octacosanol	410	C28H58O	000557-61-9	93
5	Octacosyl acetate	452	C30H60O2	018206-97-8	93





Library Search Compound Report

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Operator : HP/JU
Sample : K4356-03
Misc :
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Instrument : BNA_F
ClientSampleId : TP-2

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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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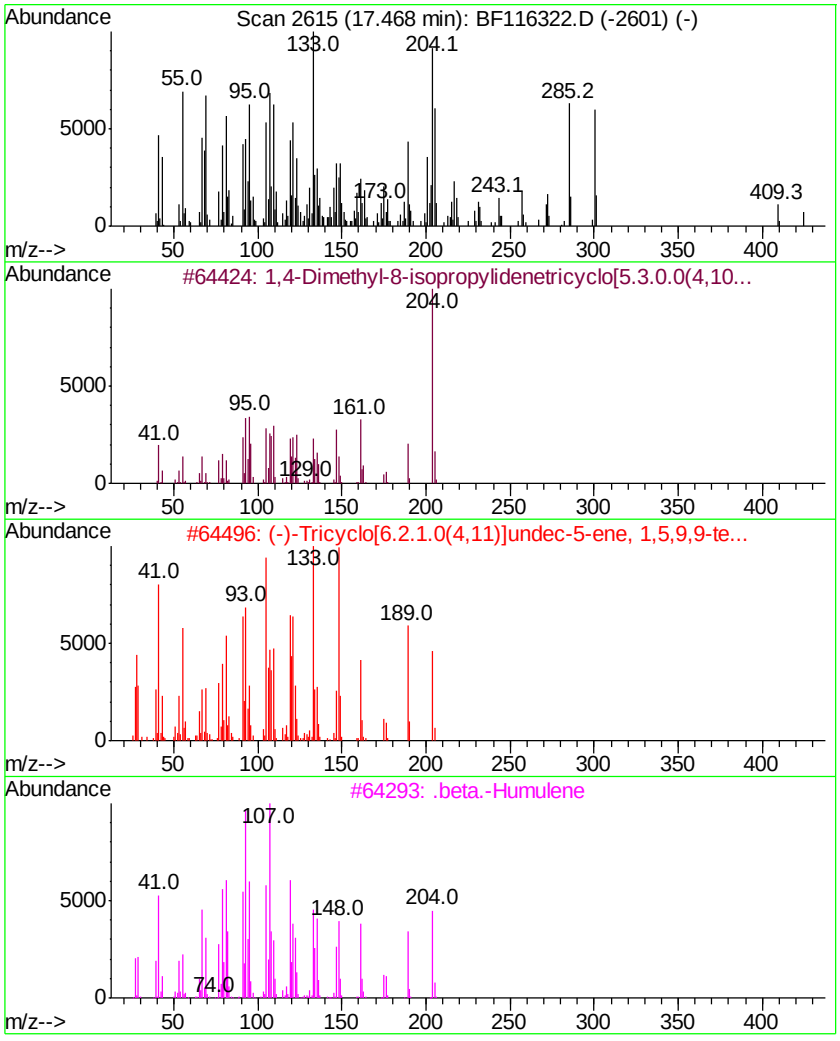
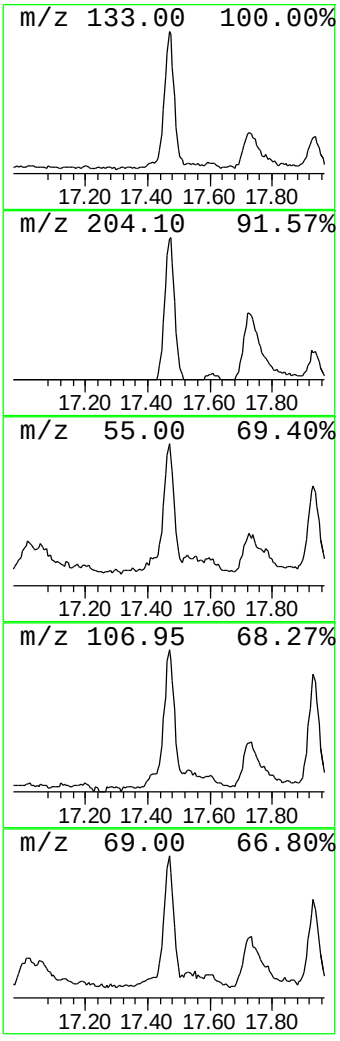
Peak Number 17 unknown17.47 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	20.39 ng	930708	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	47
2	(-)-Tricyclo[6.2.1.0(4,11)]undec...	204	C15H24	1000154-06-7	45
3	.beta.-Humulene	204	C15H24	000116-04-1	43
4	1,4-Methano-1H-indene, octahydro...	204	C15H24	087064-18-4	41
5	1,3-Dimethyl-5-(propen-1-yl)adam...	204	C15H24	057040-48-9	30





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Sample : K4356-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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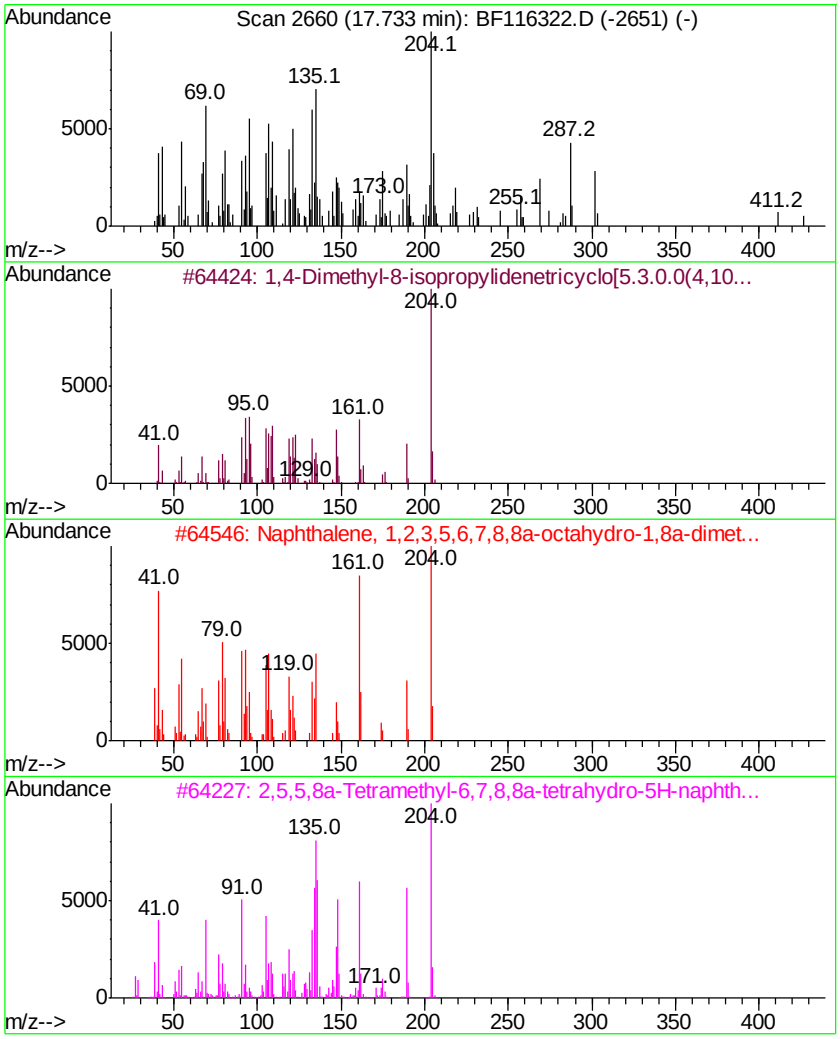
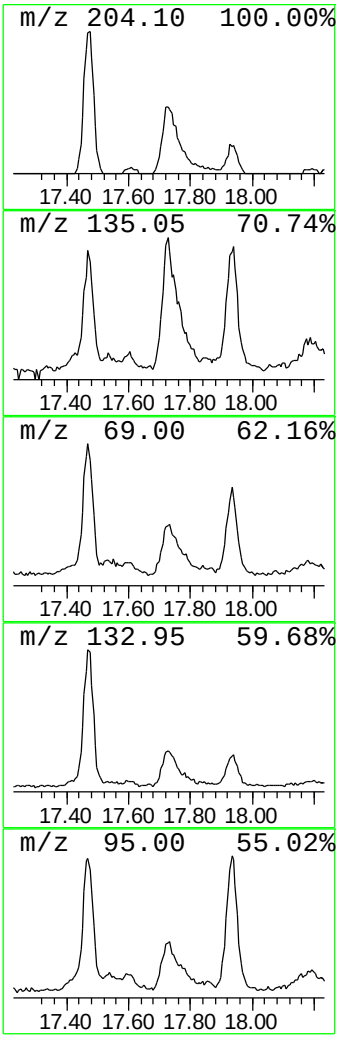
Peak Number 18 unknown17.13 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	11.40 ng	520393	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	49
2	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	45
3	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	38
4	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	38
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38





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Instrument : BNA_F
ClientSampleId : TP-2

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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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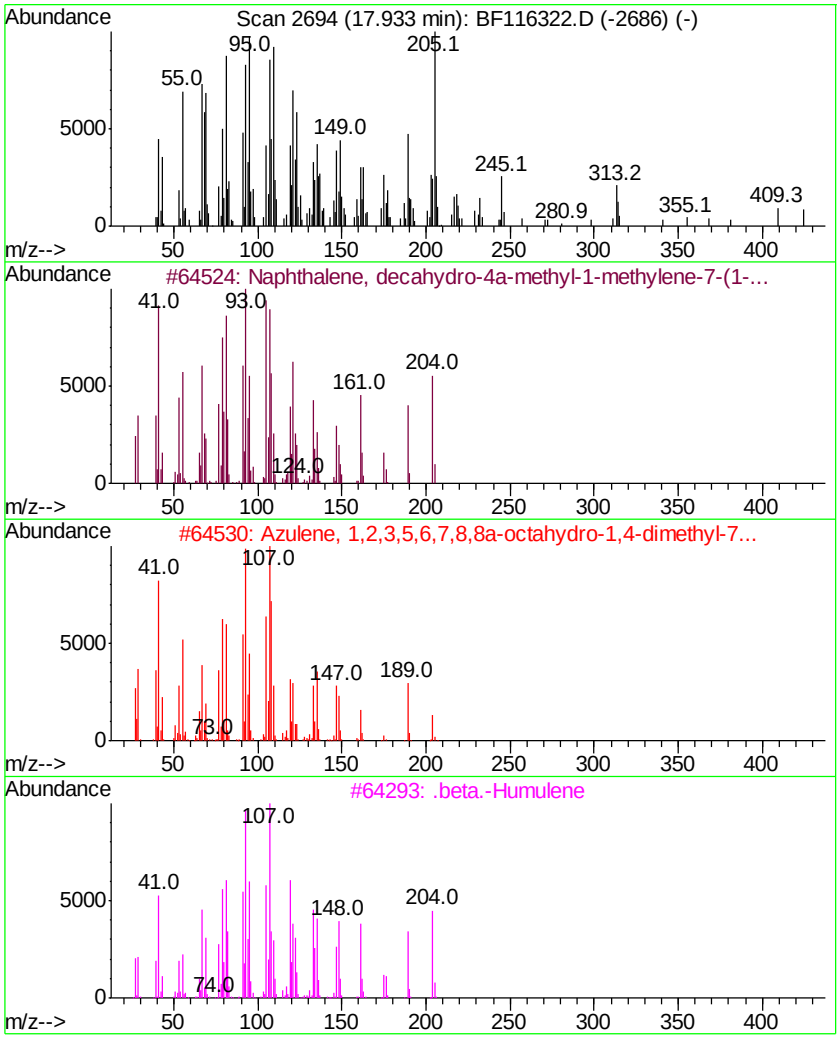
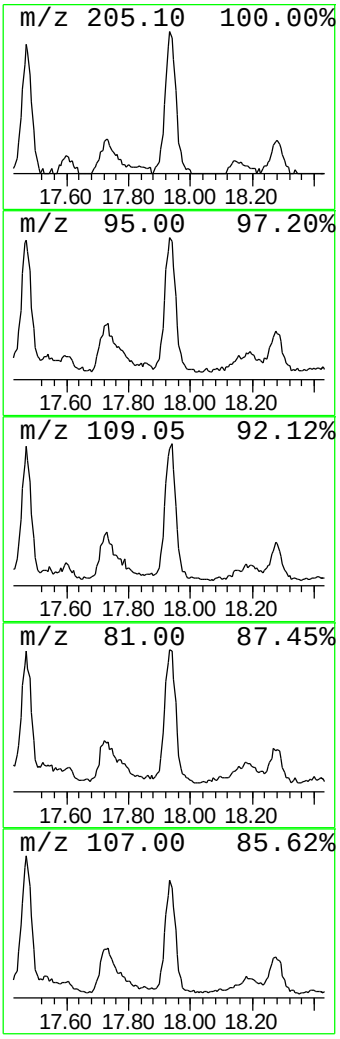
Peak Number 19 unknown17.93 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	14.69 ng	670404	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	43
2	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	38
3	.beta.-Humulene	204	C15H24	000116-04-1	30
4	.alpha.-Bulnesene	204	C15H24	1000374-19-9	27
5	1,5-Cyclodecadiene, 1,5-dimethyl...	204	C15H24	075023-40-4	25





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Sample : K4356-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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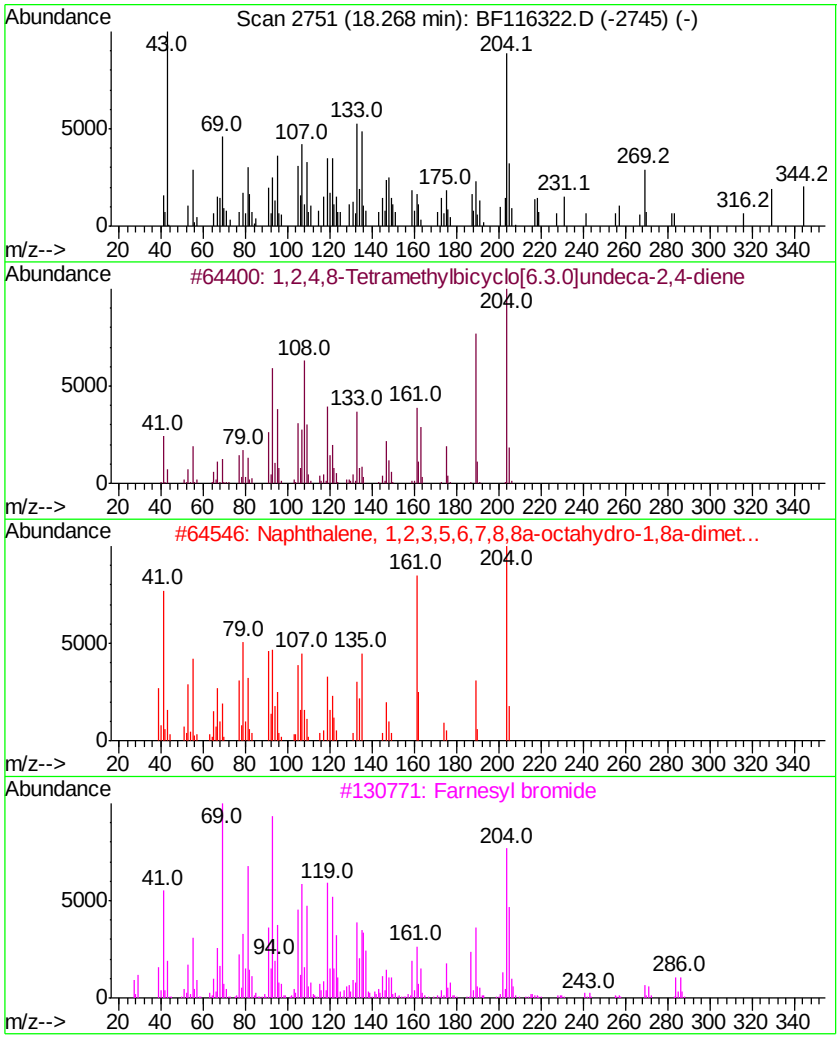
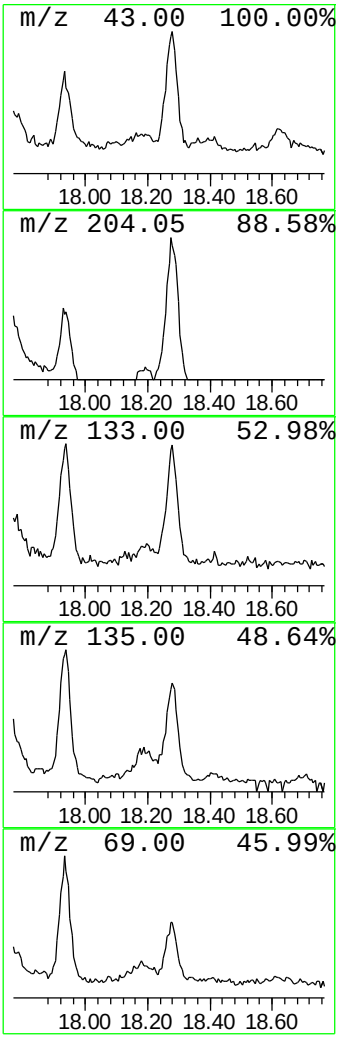
Peak Number 20 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	6.21 ng	283458	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	52
2	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	49
3	Farnesyl bromide	284	C15H25Br	006874-67-5	46
4	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	43
5	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081619\
Data File : BF116322.D
Acq On : 16 Aug 2019 15:08
Operator : HP/JU
Sample : K4356-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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
unknown6.59	6.59	78.7	ng	2189050	1	6.82	556116	20.0
Heneicosane	12.41	14.2	ng	634941	4	11.33	893020	20.0
Octadecane	12.78	3.6	ng	129280	5	13.98	720884	20.0
Tricosane	13.14	26.0	ng	937504	5	13.98	720884	20.0
Hexacosane	13.47	3.1	ng	110791	5	13.98	720884	20.0
Sulfurous acid, p...	13.80	26.8	ng	965819	5	13.98	720884	20.0
Tetratetracontane	14.12	2.5	ng	91713	5	13.98	720884	20.0
Oxirane, tetradecyl-	14.24	3.1	ng	111666	5	13.98	720884	20.0
Dichloroacetic ac...	14.43	26.5	ng	955570	5	13.98	720884	20.0
Hentriacontane	14.72	2.4	ng	110899	6	15.44	912886	20.0
2-methyloctacosane	15.05	9.0	ng	408766	6	15.44	912886	20.0
Behenic alcohol	15.09	10.3	ng	468342	6	15.44	912886	20.0
Oxirane, hexadecyl-	15.61	2.1	ng	97697	6	15.44	912886	20.0
Hexadecane	15.83	5.9	ng	271144	6	15.44	912886	20.0
n-Tetracosanol-1	15.90	10.4	ng	477164	6	15.44	912886	20.0
unknown17.47	17.47	20.4	ng	930708	6	15.44	912886	20.0
unknown17.13	17.73	11.4	ng	520393	6	15.44	912886	20.0
unknown17.93	17.93	14.7	ng	670404	6	15.44	912886	20.0
1,2,4,8-Tetrameth...	18.27	6.2	ng	283458	6	15.44	912886	20.0