LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
Data File : BF116289.D
Acq On : 15 Aug 2019 20:16
Operator : HP/JU
Sample : K4356-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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	5.434	566	569	592	rBV	1468327	1811238	80.19%	6.063%
2	6.457	739	743	762	rBV	1706297	1931527	85.52%	6.466%
3	6.587	762	765	775	rVB	2050774	1953517	86.49%	6.539%
4	6.816	801	804	816	rBV	482299	450555	19.95%	1.508%
5	6.969	827	830	850	rBV	1445121	1462561	64.76%	4.896%
6	7.381	897	900	929	rBV	1179694	1249524	55.32%	4.183%
7	8.098	1019	1022	1048	rBV	547366	584116	25.86%	1.955%
8	9.169	1200	1204	1221	rBV	2224460	1866679	82.65%	6.249%
9	9.563	1268	1271	1284	rBV	309146	330397	14.63%	1.106%
10	9.851	1316	1320	1335	rVB	729691	703879	31.16%	2.356%
11	10.639	1450	1454	1469	rBV	1462698	1457017	64.51%	4.877%
12	11.339	1569	1573	1579	rBV	722075	760935	33.69%	2.547%
13	11.857	1658	1661	1665	rBV	133088	137113	6.07%	0.459%
14	12.410	1753	1755	1759	rVB	29259	25864	1.15%	0.087%
15	12.639	1791	1794	1805	rBV	50629	75185	3.33%	0.252%
16	12.916	1837	1841	1844	rVB	2067427	1869973	82.79%	6.260%
17	13.116	1871	1875	1877	rBV	43752	52713	2.33%	0.176%
18	13.139	1877	1879	1883	rVB	75477	64927	2.87%	0.217%
19	13.386	1917	1921	1928	rVB3	25589	43970	1.95%	0.147%
20	13.474	1932	1936	1939	rBV2	46835	54430	2.41%	0.182%
21	13.598	1954	1957	1961	rVB2	33345	29915	1.32%	0.100%
22	13.798	1988	1991	1999	rBV	639535	823306	36.45%	2.756%
23	13.868	2000	2003	2007	rVV2	49991	59083	2.62%	0.198%
24	13.945	2011	2016	2018	rVV2	160235	139498	6.18%	0.467%
25	13.980	2018	2022	2033	rVB	771877	859009	38.03%	2.876%
26	14.121	2042	2046	2053	rBV3	86729	116919	5.18%	0.391%
27	14.245	2064	2067	2070	rVB	62777	53319	2.36%	0.178%
28	14.433	2094	2099	2109	rBV	861214	1244084	55.08%	4.165%
29	14.504	2109	2111	2115	rVB	54438	53904	2.39%	0.180%
30	14.727	2145	2149	2151	rBV	108360	114290	5.06%	0.383%
31	14.751	2151	2153	2158	rVB3	34086	42998	1.90%	0.144%
32	14.862	2169	2172	2178	rVB	84604	93961	4.16%	0.315%
33	15.051	2199	2204	2207	rBV	297527	356151	15.77%	1.192%
34	15.080	2207	2209	2216	rVB	224364	328673	14.55%	1.100%

LSC Area Percent Report

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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	15.433	2262	2269	2289	rVB	569689	1037130	45.92%	3.472%
36	15.615	2296	2300	2303	rBV	40303	52117	2.31%	0.174%
37	15.745	2319	2322	2329	rVB2	23507	39791	1.76%	0.133%
38	15.839	2333	2338	2343	rBV	189002	276129	12.23%	0.924%
39	15.898	2343	2348	2355	rBV2	74426	158522	7.02%	0.531%
40	16.109	2381	2384	2391	rVB	25059	38013	1.68%	0.127%
41	16.327	2415	2421	2430	rBV3	70378	154758	6.85%	0.518%
42	16.415	2431	2436	2442	rVB4	70838	117971	5.22%	0.395%
43	16.609	2466	2469	2475	rVB5	20378	33138	1.47%	0.111%
44	16.898	2510	2518	2524	rBV4	27522	67151	2.97%	0.225%
45	17.009	2532	2537	2543	rBV10	17975	43101	1.91%	0.144%
46	17.074	2543	2548	2554	rVB2	38582	75300	3.33%	0.252%
47	17.409	2598	2605	2609	rBV4	77288	193398	8.56%	0.647%
48	17.480	2609	2617	2634	rVB	925441	2251109	99.67%	7.536%
49	17.609	2635	2639	2646	rVB3	48301	97502	4.32%	0.326%
50	17.721	2650	2658	2668	rBV2	255643	739315	32.73%	2.475%
51	17.950	2687	2697	2709	rVB2	919243	2258568	100.00%	7.561%
52	18.180	2726	2736	2746	rBV5	146764	502736	22.26%	1.683%
53	18.286	2747	2754	2766	rVB3	198454	535791	23.72%	1.794%

Sum of corrected areas: 29872770

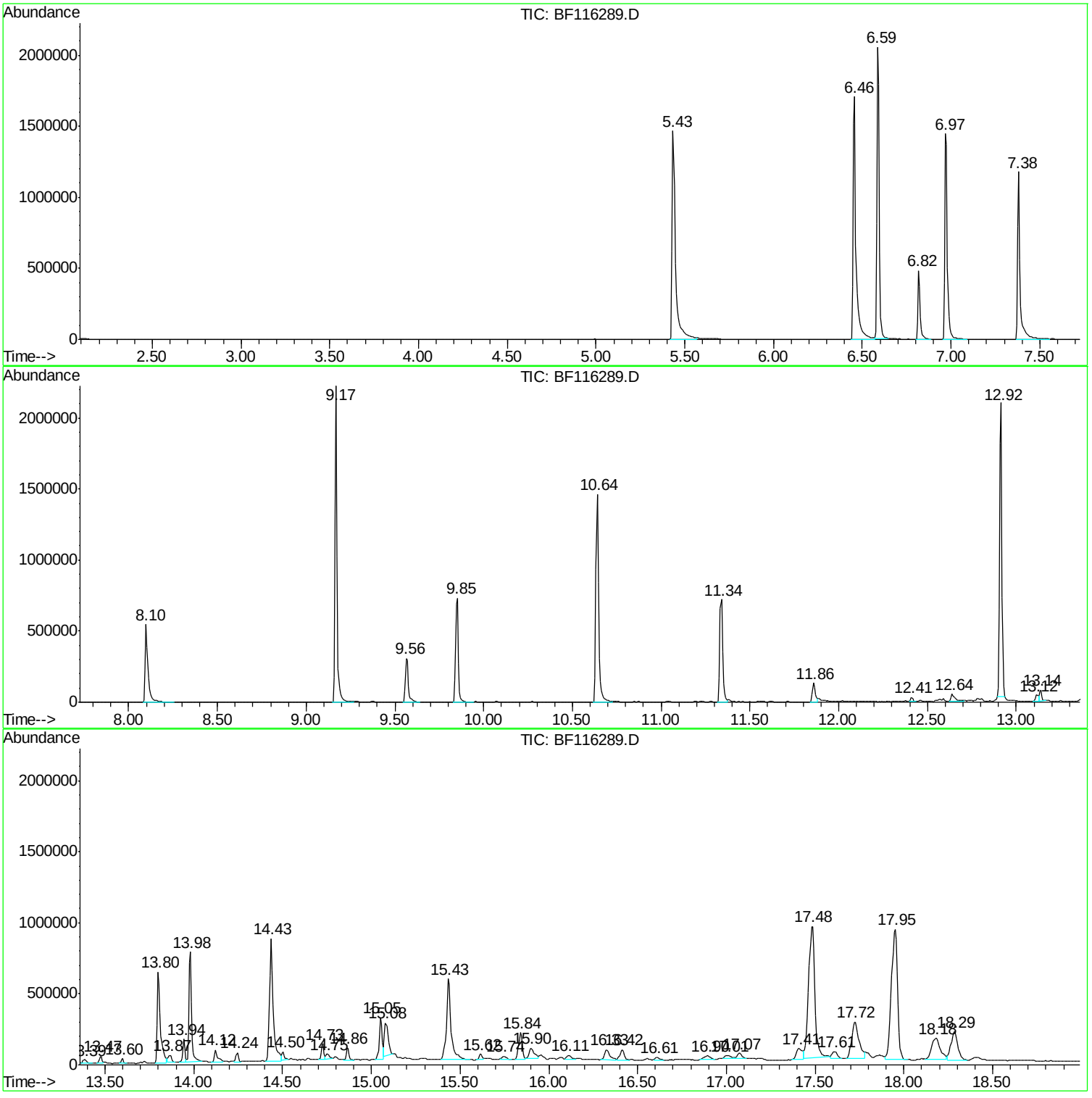
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
Data File : BF116289.D
Acq On : 15 Aug 2019 20:16
Operator : HP/JU
Sample : K4356-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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\BF081519\
Data File : BF116289.D
Acq On : 15 Aug 2019 20:16
Operator : HP/JU
Sample : K4356-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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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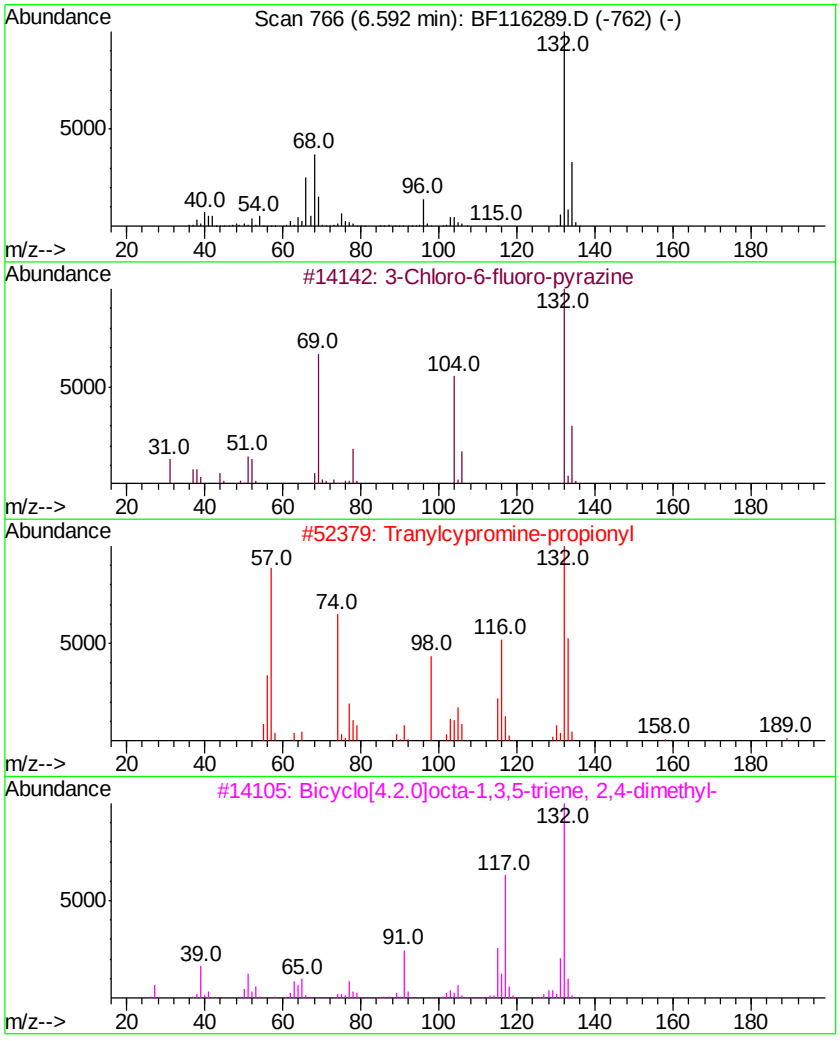
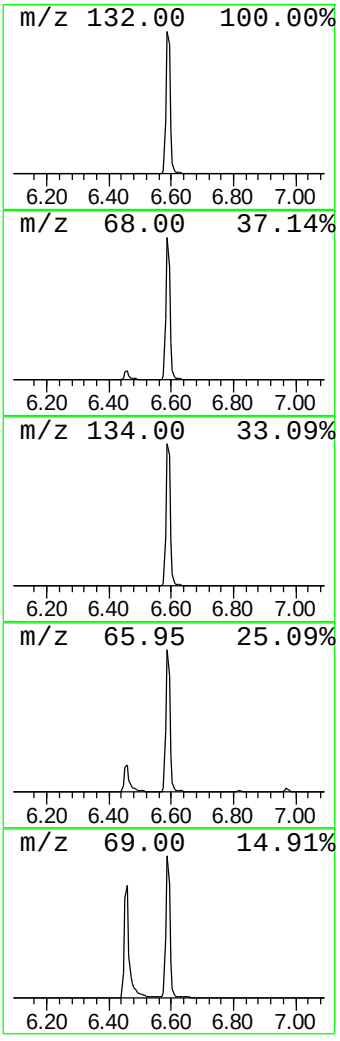
Peak Number 1 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	86.72 ng	1953520	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	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
Data File : BF116289.D
Acq On : 15 Aug 2019 20:16
Operator : HP/JU
Sample : K4356-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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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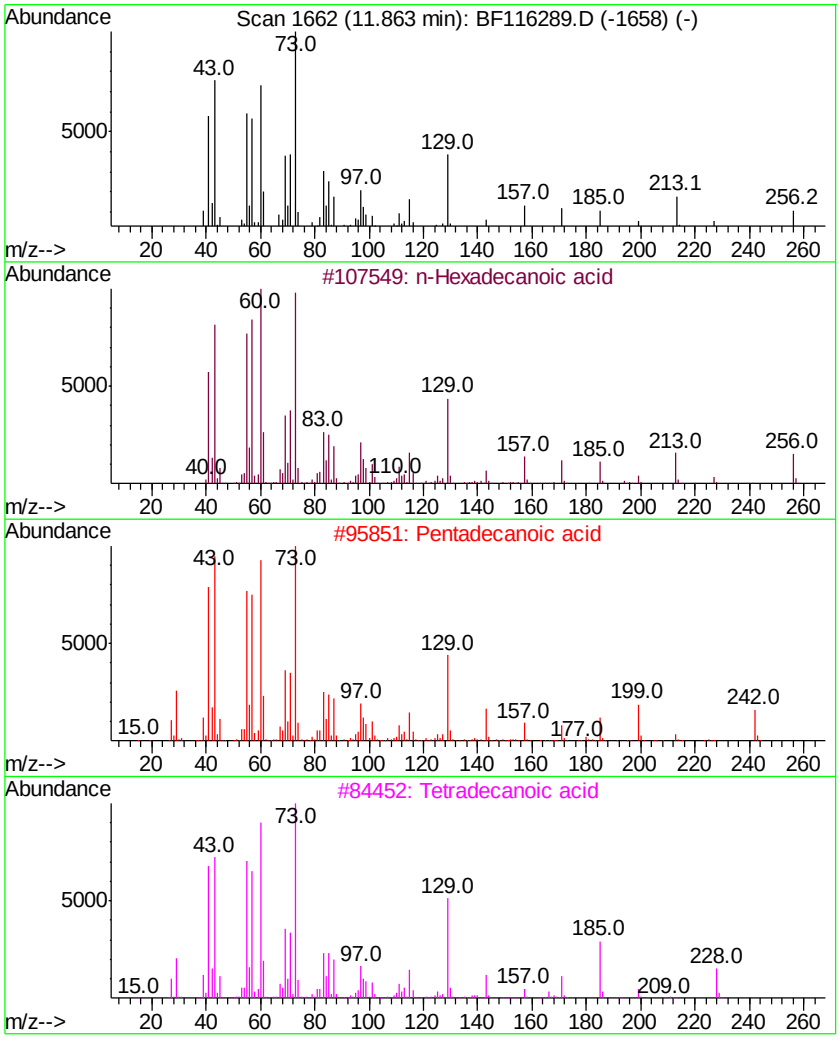
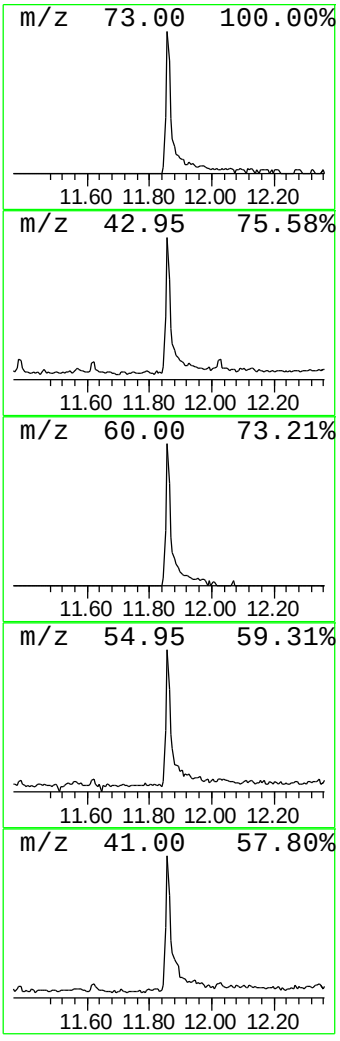
Peak Number 3 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.60 ng	137113	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
Data File : BF116289.D
Acq On : 15 Aug 2019 20:16
Operator : HP/JU
Sample : K4356-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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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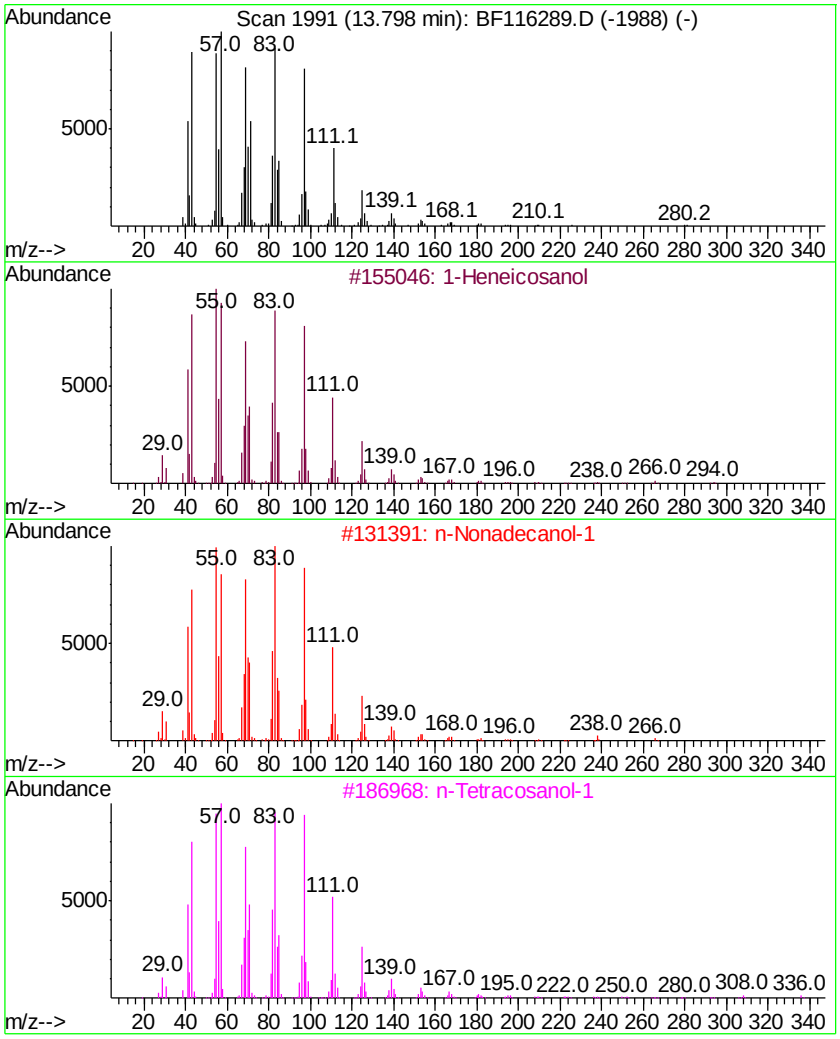
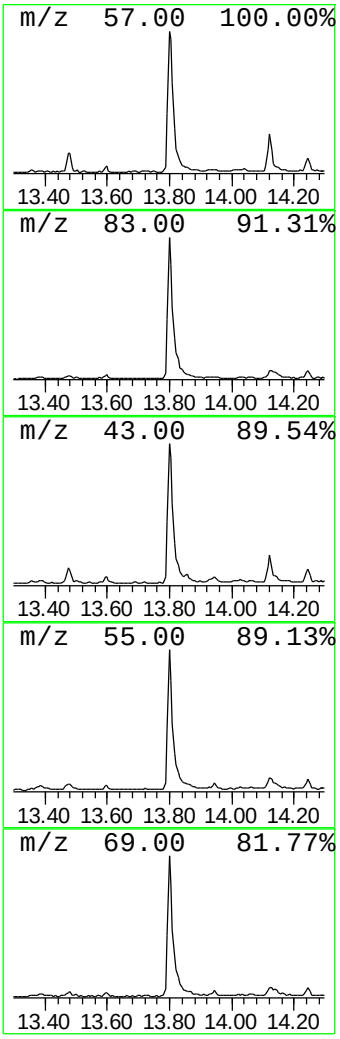
Peak Number 4 1-Heneicosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	19.17 ng	823306	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
Data File : BF116289.D
Acq On : 15 Aug 2019 20:16
Operator : HP/JU
Sample : K4356-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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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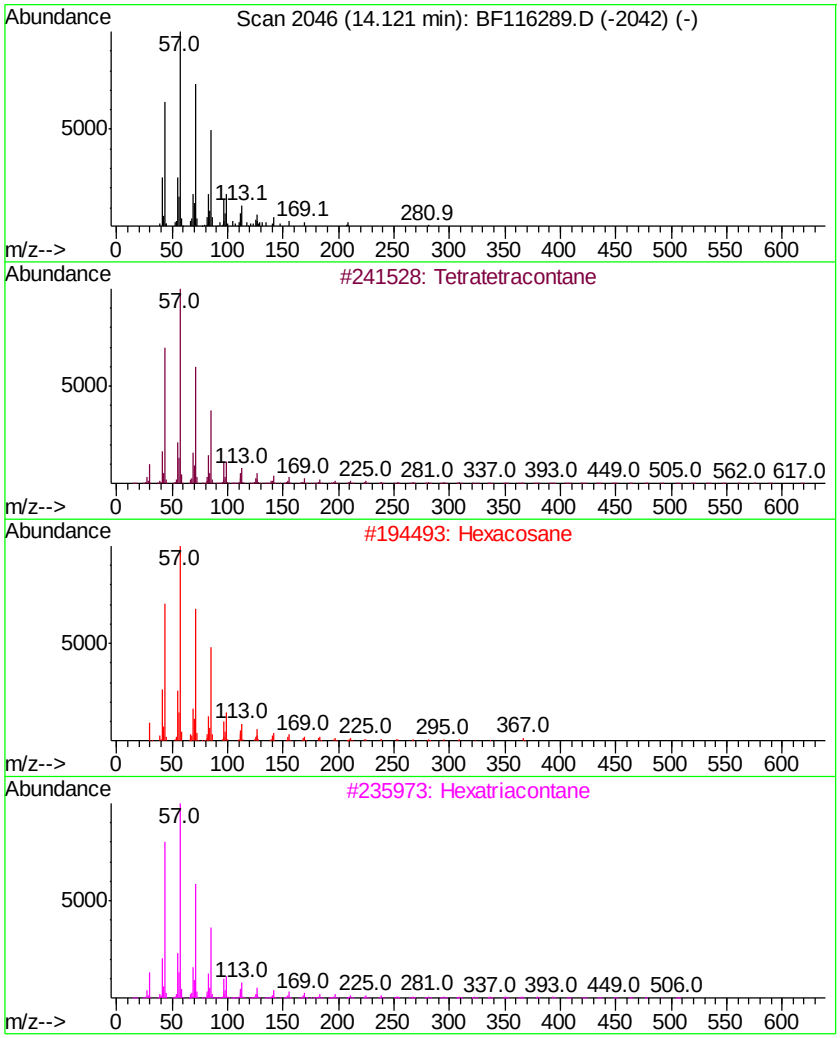
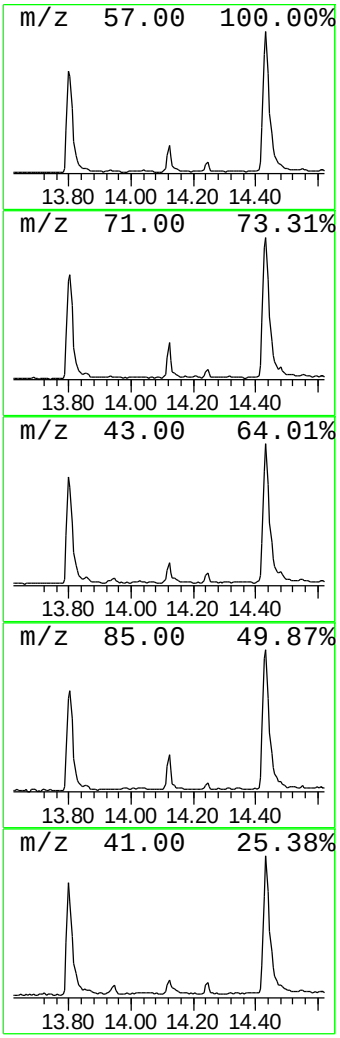
Peak Number 5 Tetratetracontane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	2.72 ng	116919	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Hexatriacontane	507	C36H74	000630-06-8	91
4	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Operator : HP/JU
Sample : K4356-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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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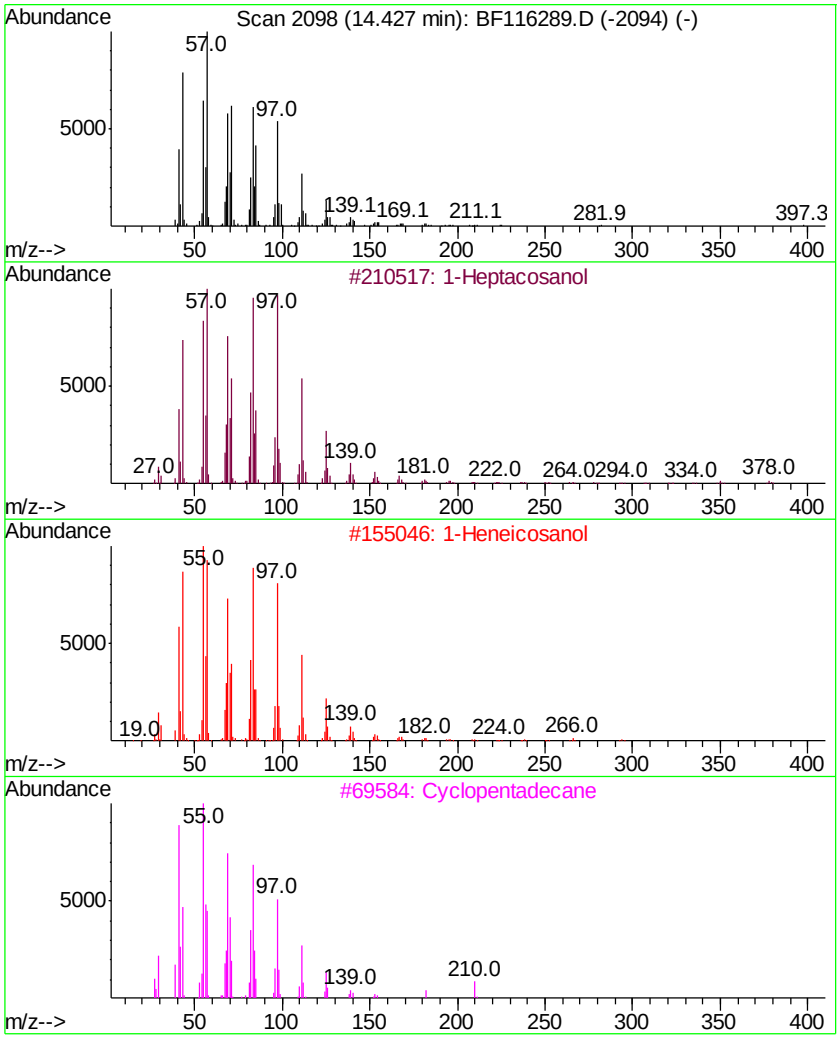
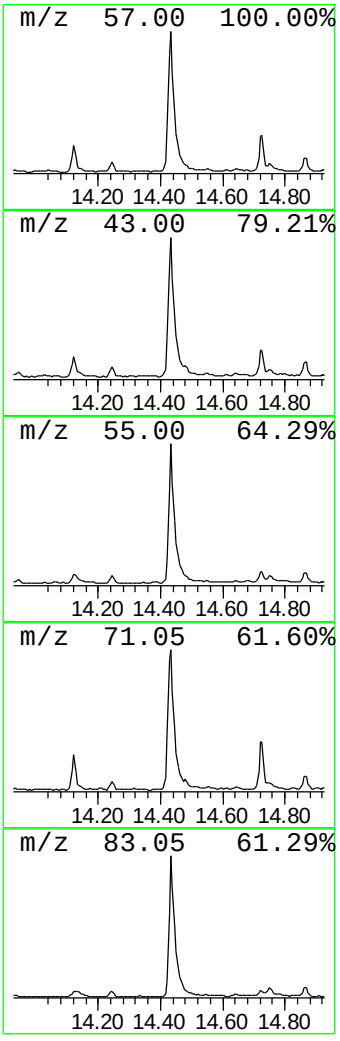
Peak Number 6 1-Heptacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	28.97 ng	1244080	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Cyclopentadecane	210	C15H30	000295-48-7	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93





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Acq On : 15 Aug 2019 20:16
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Sample : K4356-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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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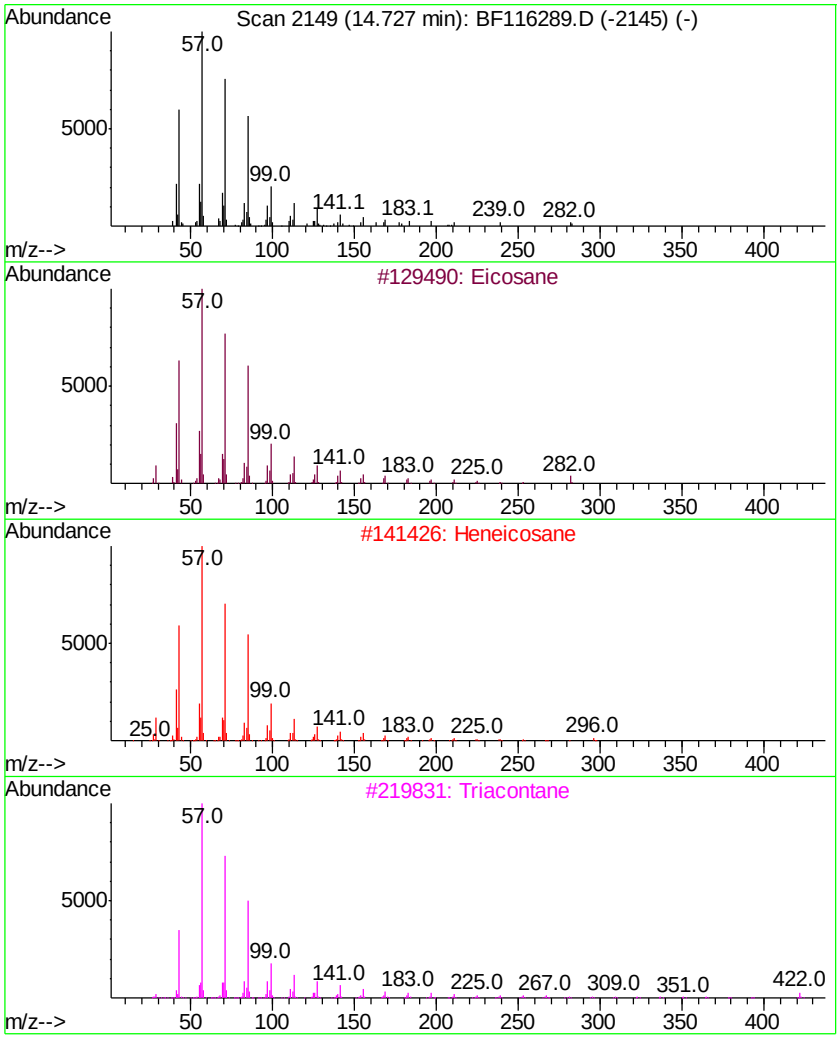
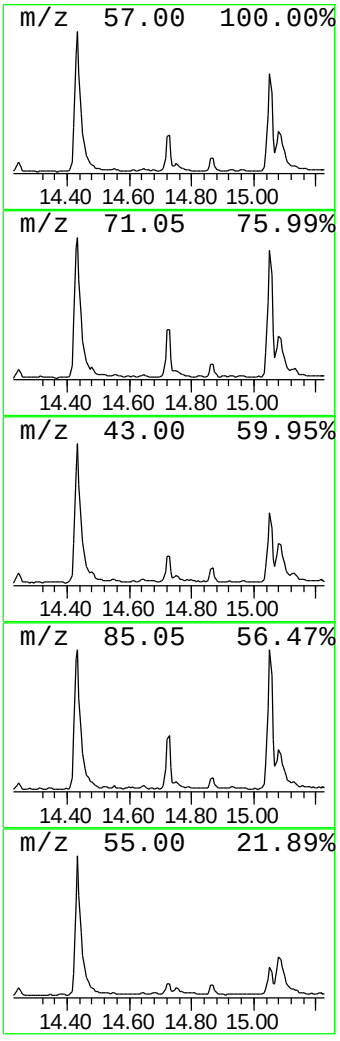
Peak Number 7 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.20 ng	114290	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heneicosane	296	C21H44	000629-94-7	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Heptadecane	240	C17H36	000629-78-7	87





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Data File : BF116289.D
Acq On : 15 Aug 2019 20:16
Operator : HP/JU
Sample : K4356-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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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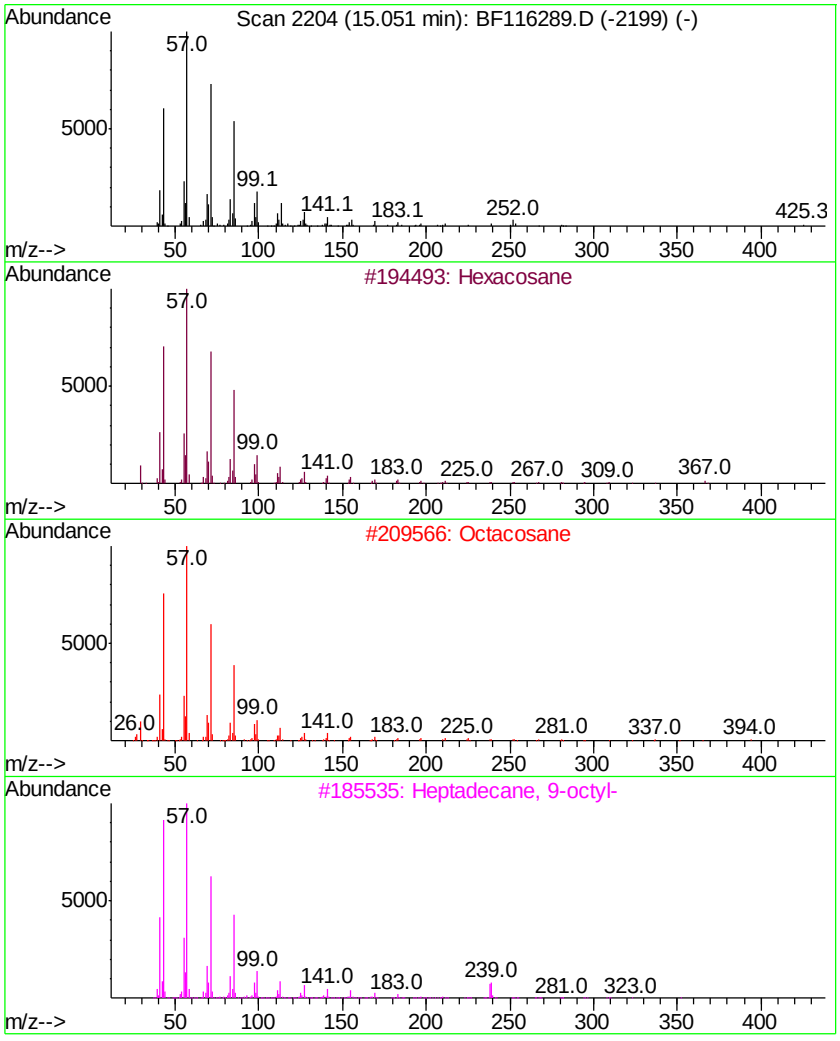
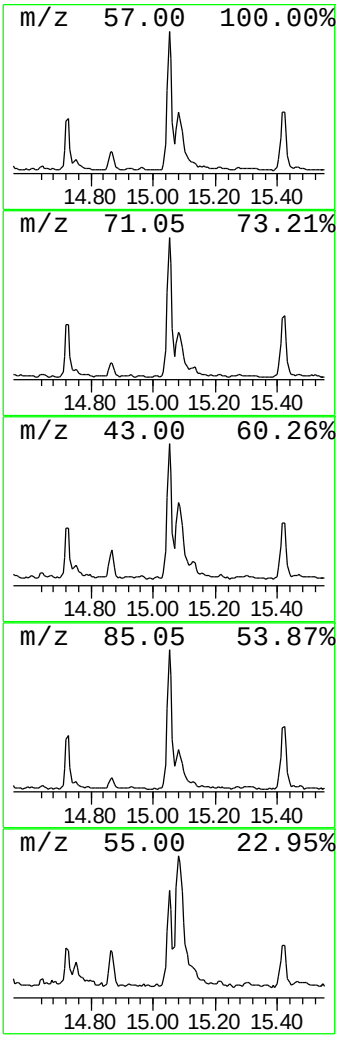
Peak Number 8 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	6.87 ng	356151	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptadecane	240	C17H36	000629-78-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
Data File : BF116289.D
Acq On : 15 Aug 2019 20:16
Operator : HP/JU
Sample : K4356-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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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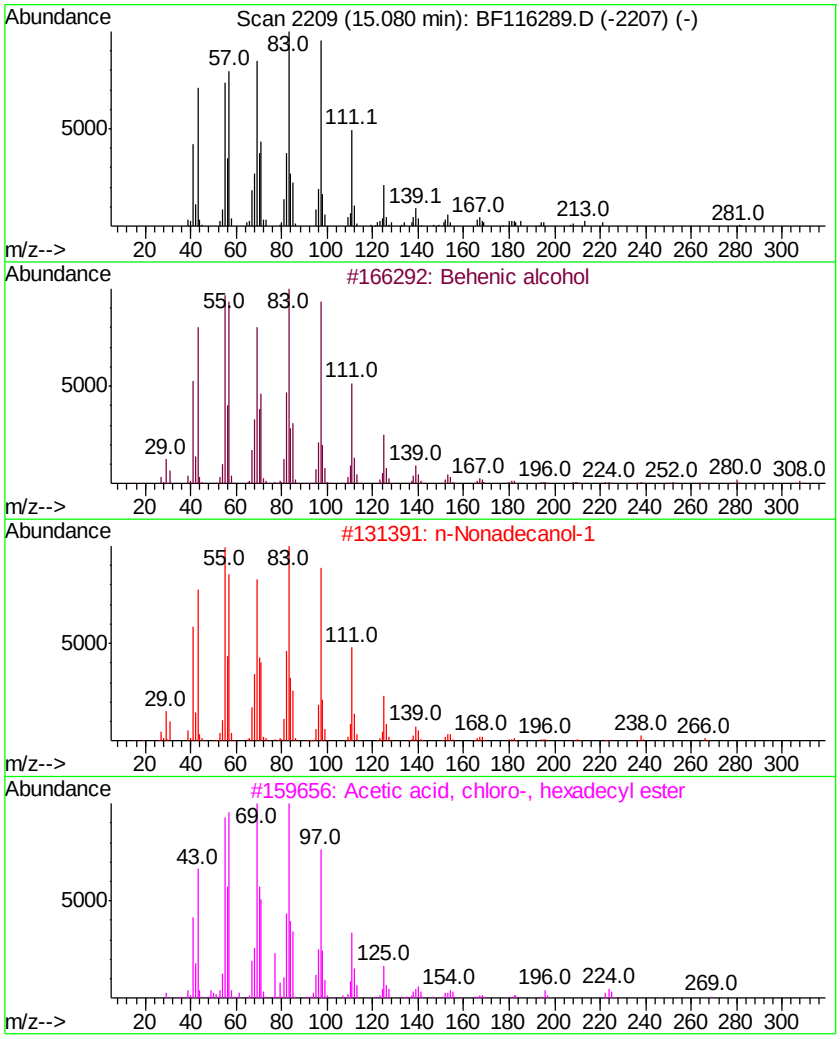
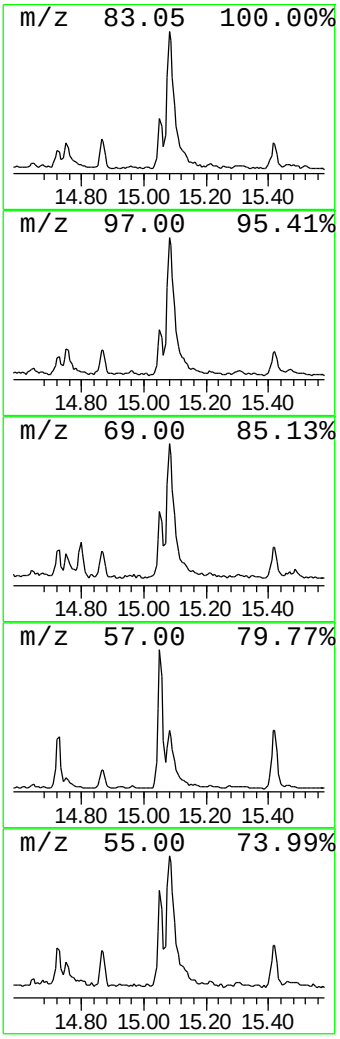
Peak Number 9 Behenic alcohol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	6.34 ng	328673	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	93
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
3	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	70
4	1-Docosene	308	C22H44	001599-67-3	64
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	62





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Acq On : 15 Aug 2019 20:16
Operator : HP/JU
Sample : K4356-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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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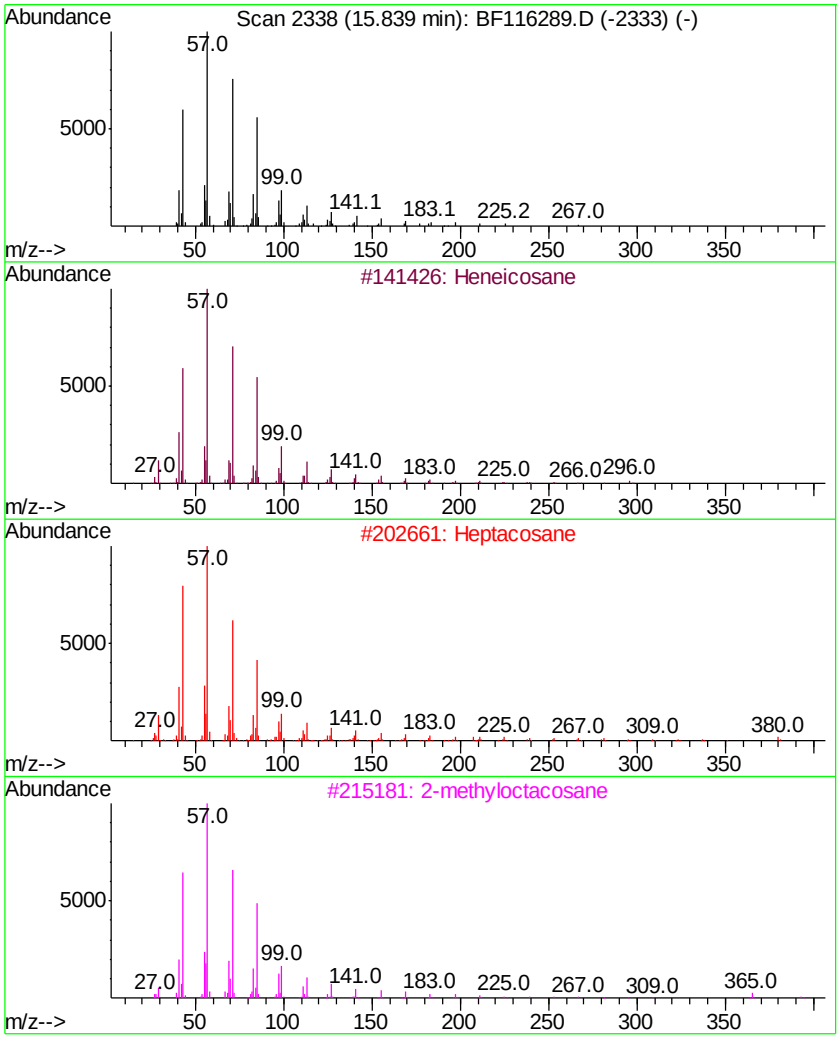
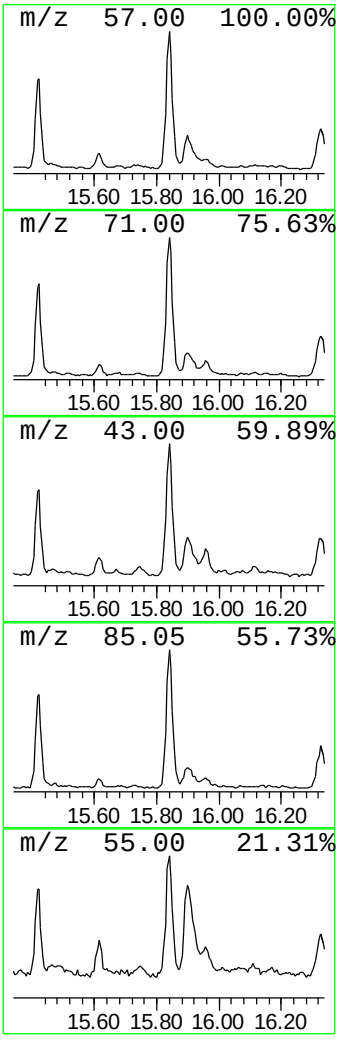
Peak Number 10 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	5.32 ng	276129	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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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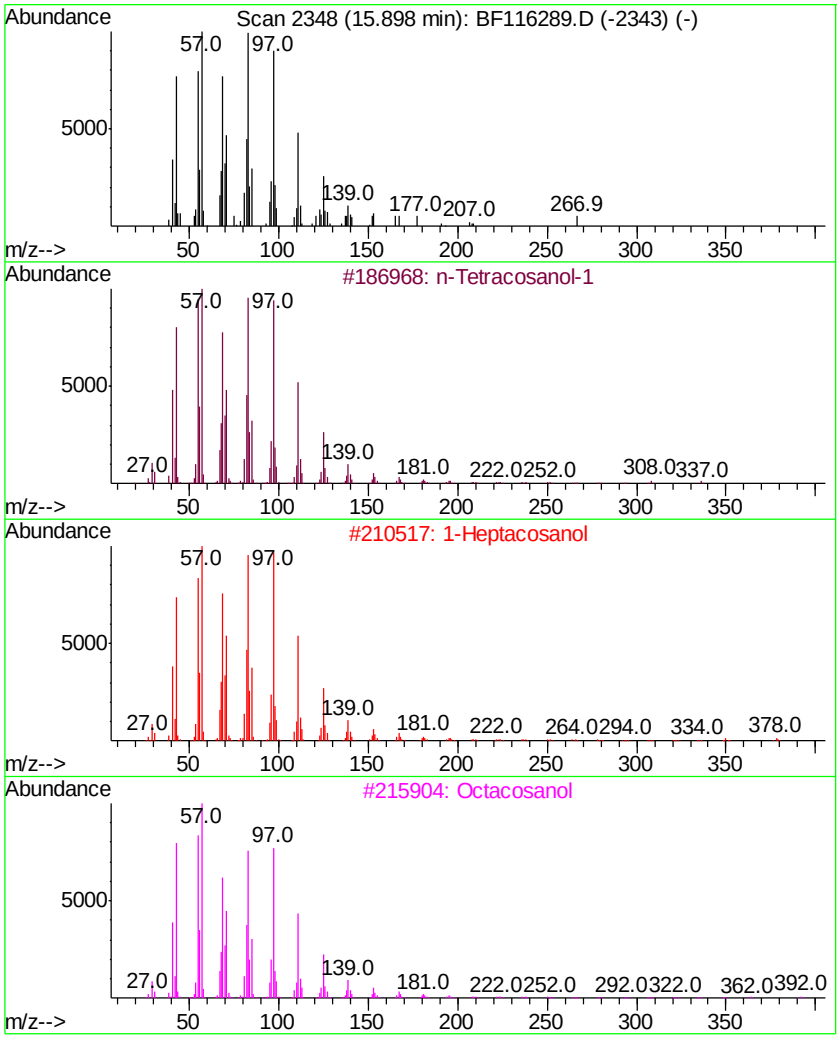
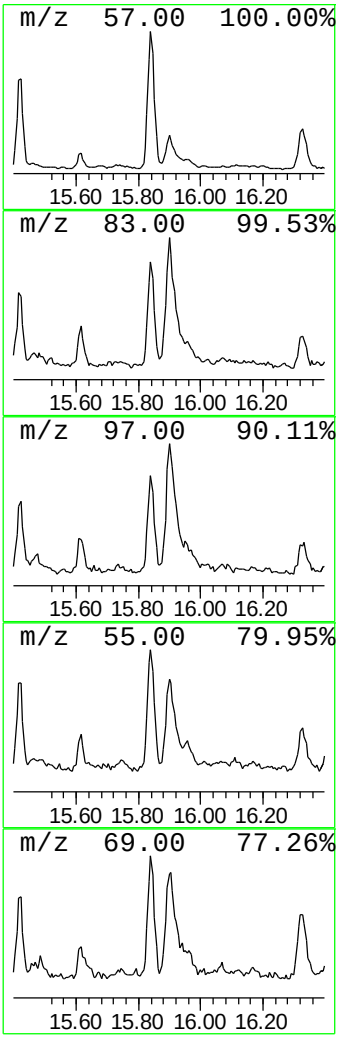
Peak Number 11 n-Tetracosanol-1 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	3.06 ng	158522	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	95
3	Octacosanol	410	C28H58O	000557-61-9	93
4	Octacosyl acetate	452	C30H60O2	018206-97-8	92
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





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Sample : K4356-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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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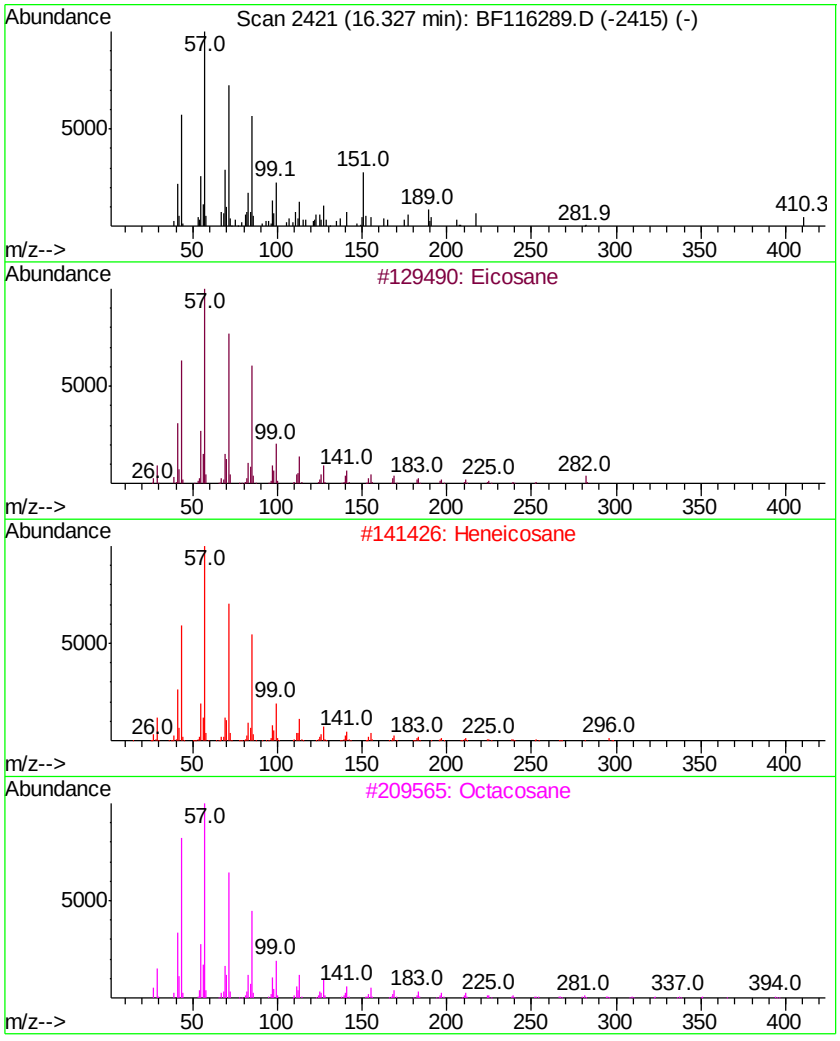
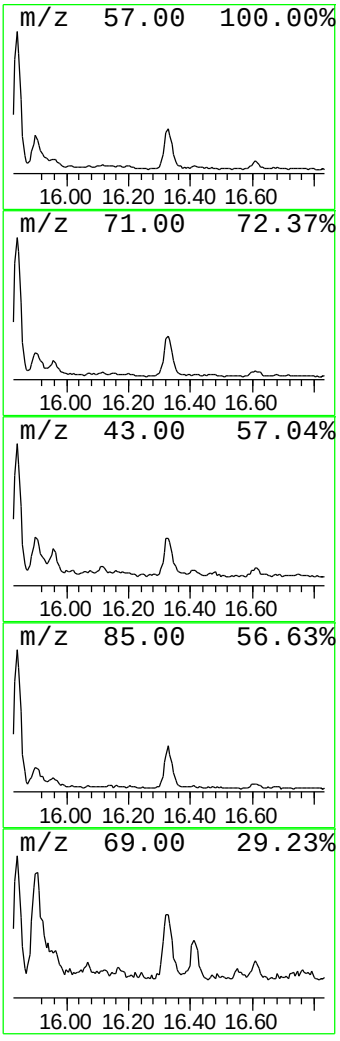
Peak Number 12 Docosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	2.98 ng	154758	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heneicosane	296	C21H44	000629-94-7	81
3	Octacosane	394	C28H58	000630-02-4	74
4	Docosane	310	C22H46	000629-97-0	72
5	Pentacosane	352	C25H52	000629-99-2	72





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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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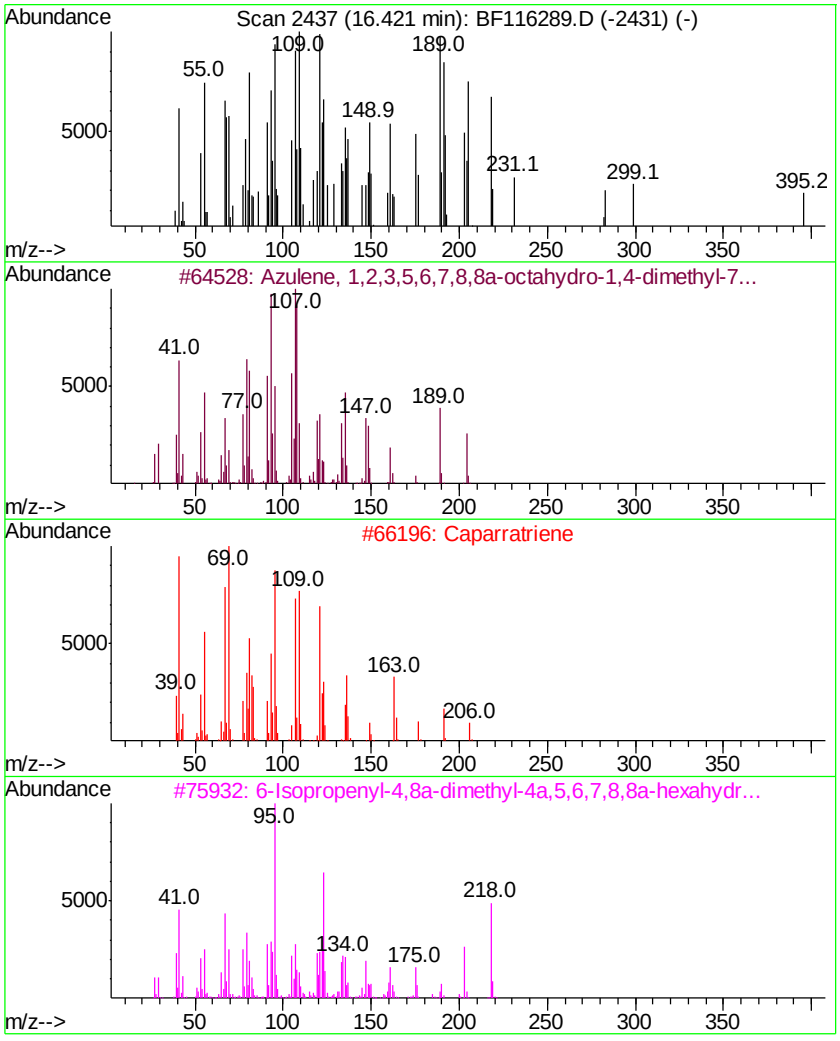
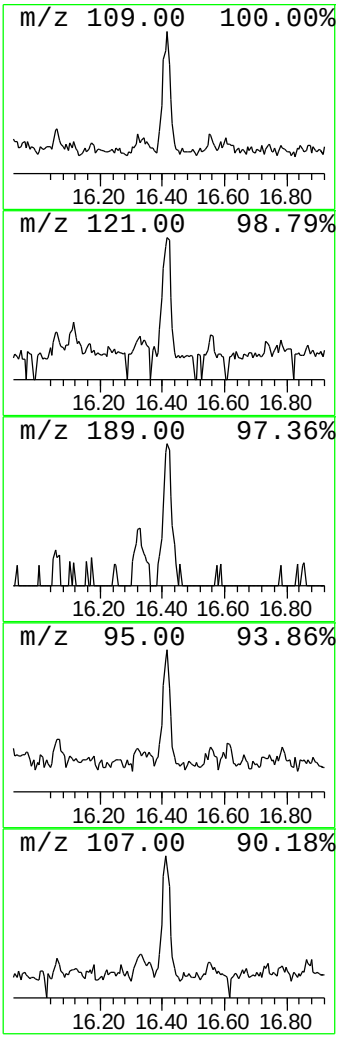
Peak Number 13 unknown16.42 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	2.27 ng	117971	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 1,2,3,5,6,7,8,8a-octahv...	204	C15H24	003691-11-0	44
2	Caparratriene	206	C15H26	1000374-08-7	38
3	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	35
4	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	30
5	5-(1-Isopropenyl-4,5-dimethylbic...	332	C22H36O2	1000195-69-8	30





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Operator : HP/JU
Sample : K4356-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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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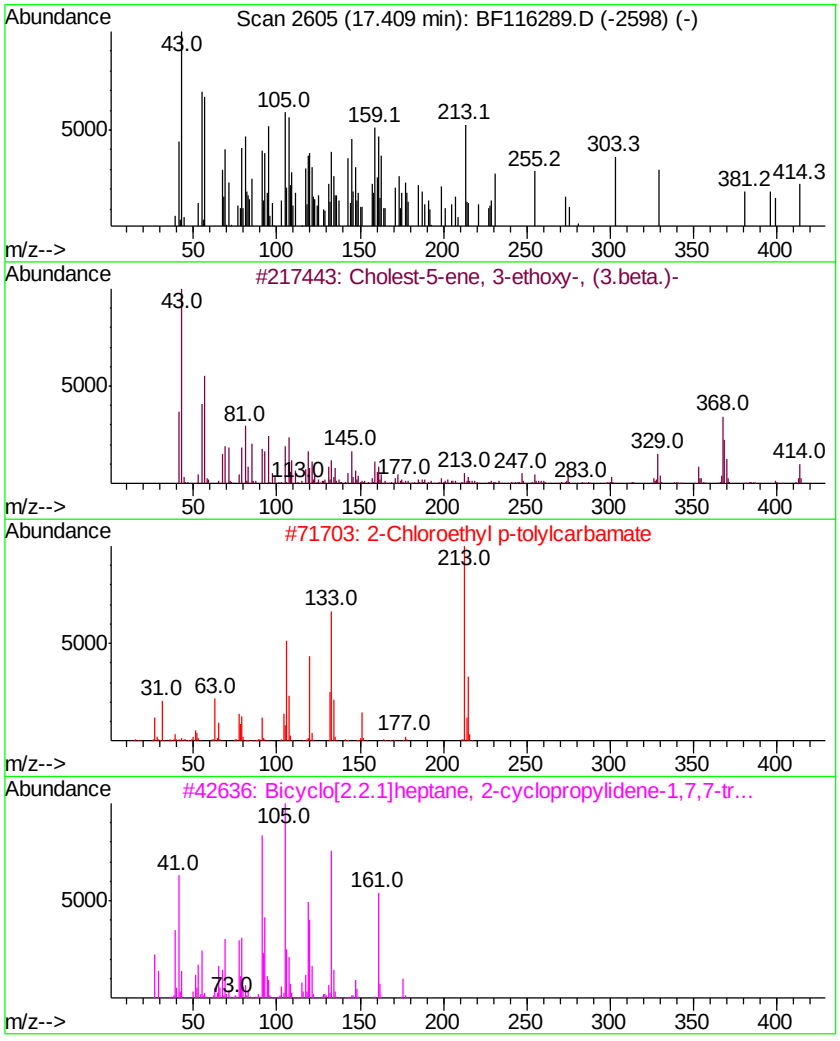
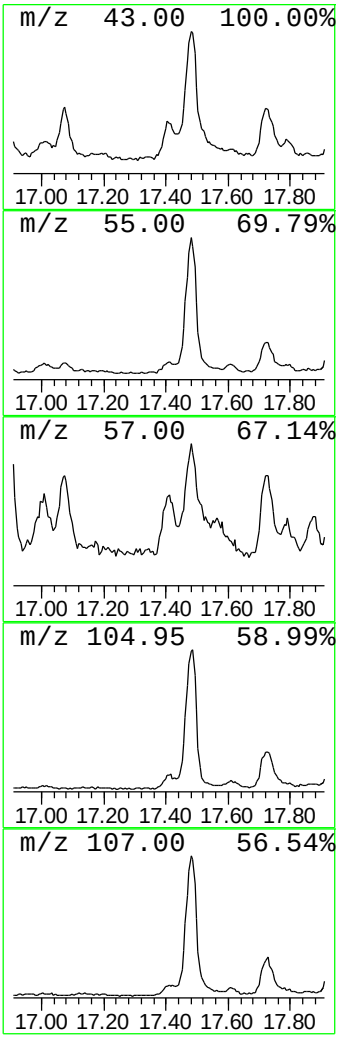
Peak Number 14 unknown17.41 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	3.73 ng	193398	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	46
2	2-Chloroethyl p-tolylcarbamate	213	C10H12ClNO2	074552-28-6	18
3	Bicyclo[2.2.1]heptane, 2-cyclopr...	176	C13H20	1000159-45-7	14
4	2-Chloroethyl o-tolylcarbamate	213	C10H12ClNO2	090869-76-4	14
5	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	12





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Sample : K4356-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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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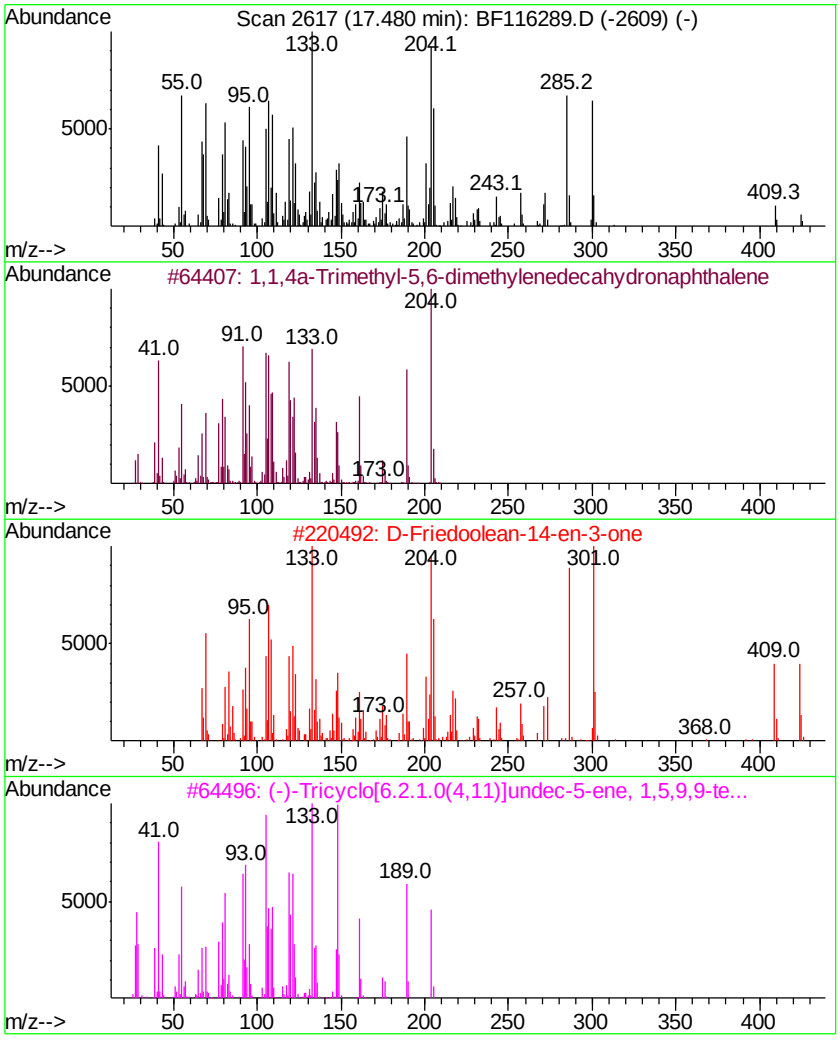
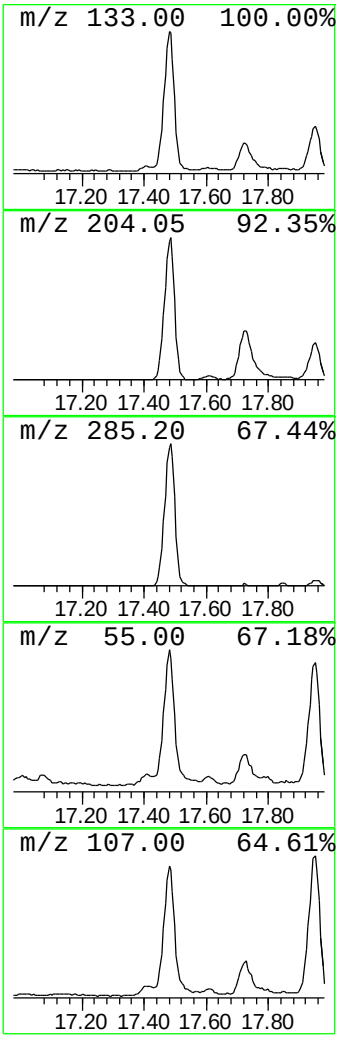
Peak Number 15 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.48	43.41 ng	2251110	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	55
2	D-Friedoolean-14-en-3-one	424	C30H48O	000514-07-8	53
3	(-)-Tricyclo[6.2.1.0(4,11)]undec...	204	C15H24	1000154-06-7	43
4	1,4-Methano-1H-indene, octahydro...	204	C15H24	087064-18-4	41
5	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	41





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Operator : HP/JU
Sample : K4356-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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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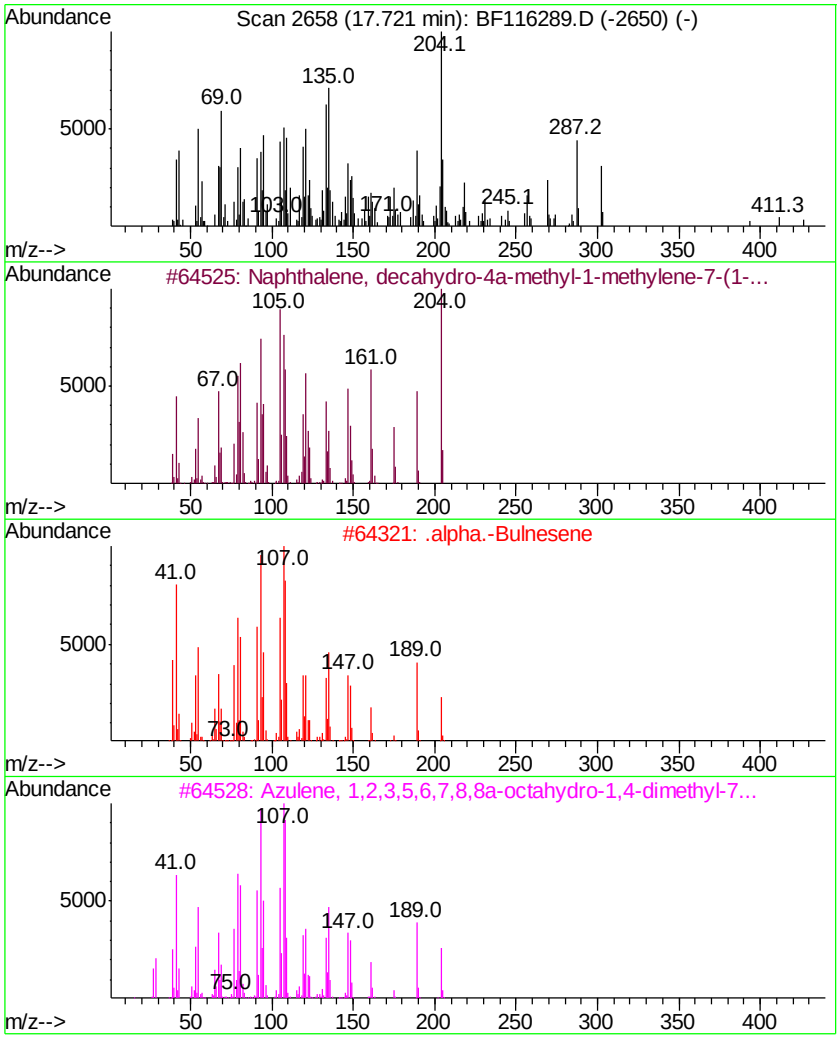
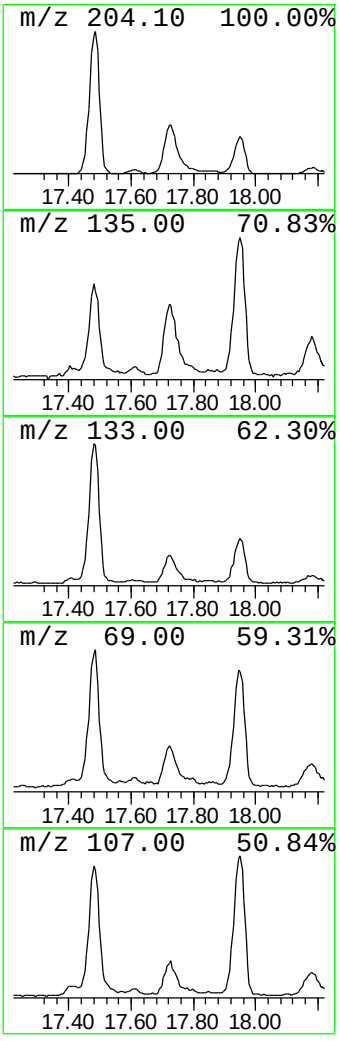
Peak Number 16 Naphthalene, decahydro-4a-m... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	14.26 ng	739315	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	70
2	.alpha.-Bulnesene	204	C15H24	1000374-19-9	58
3	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	53
4	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	53
5	1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	45





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Operator : HP/JU
Sample : K4356-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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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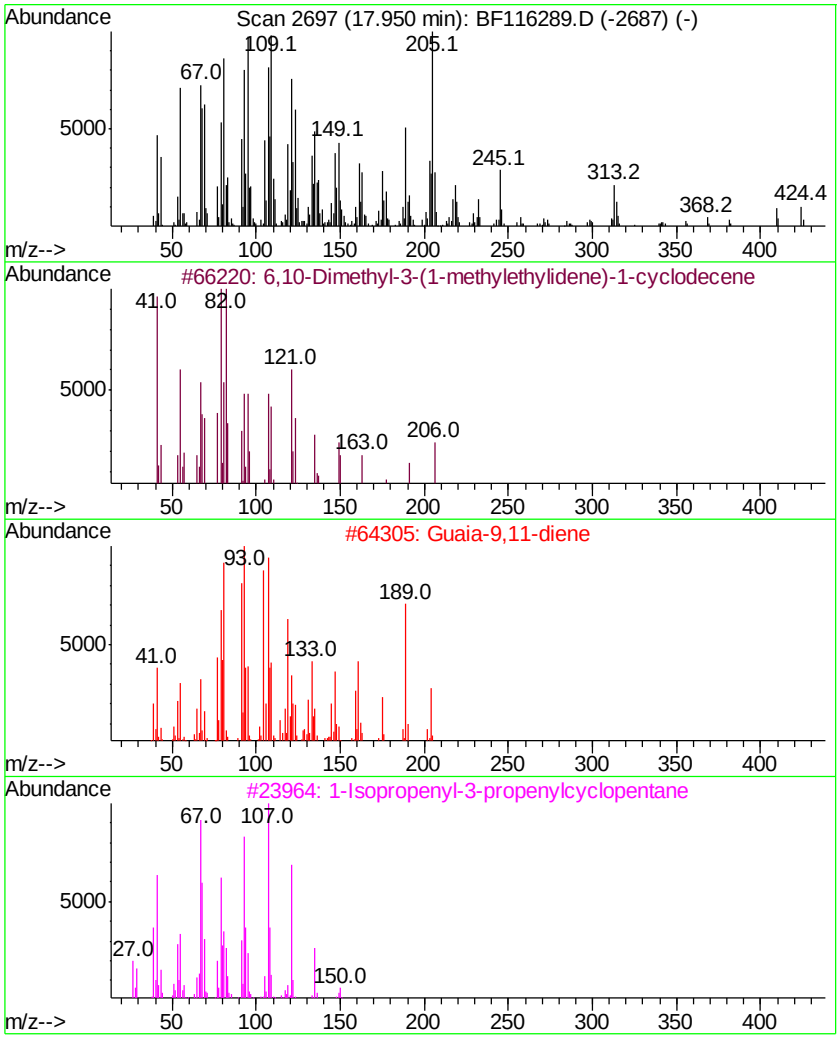
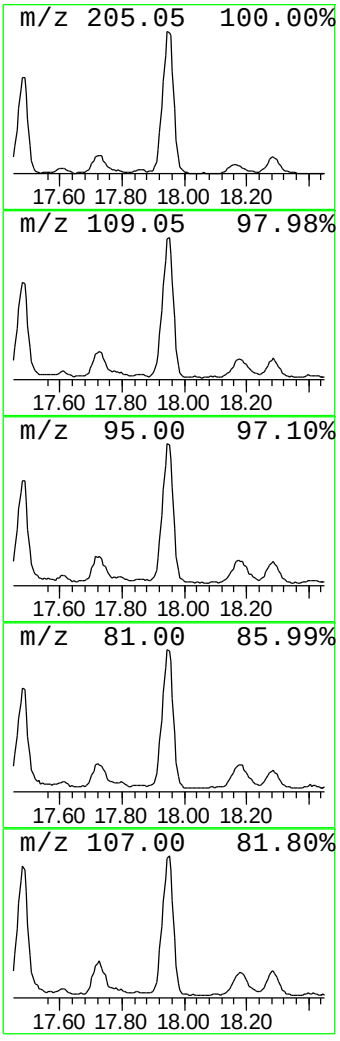
Peak Number 17 6,10-Dimethyl-3-(1-methylet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	43.55 ng	2258570	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,10-Dimethyl-3-(1-methylethylid...	206	C15H26	069239-71-0	55
2	Guaia-9,11-diene	204	C15H24	1000374-19-8	47
3	1-Isopropenyl-3-propenylcyclopen...	150	C11H18	1000192-81-2	47
4	(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	46
5	1,5-Cyclodecadiene, 1,5-dimethyl...	204	C15H24	075023-40-4	44





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Sample : K4356-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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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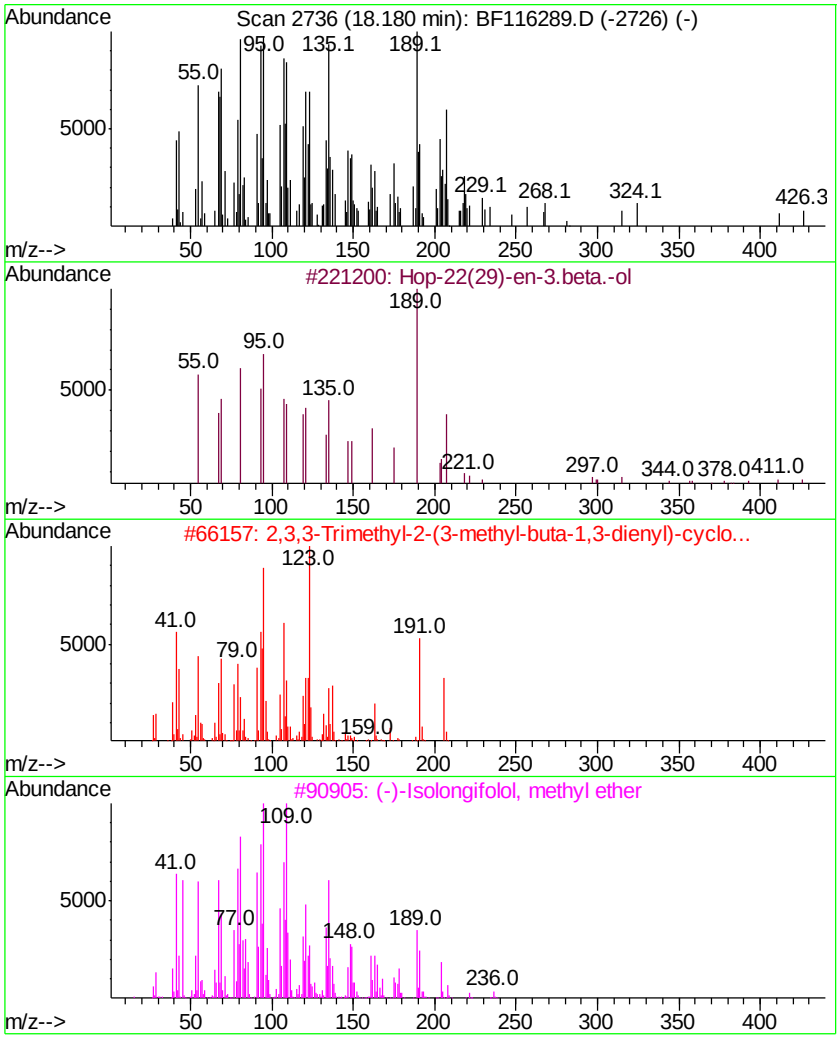
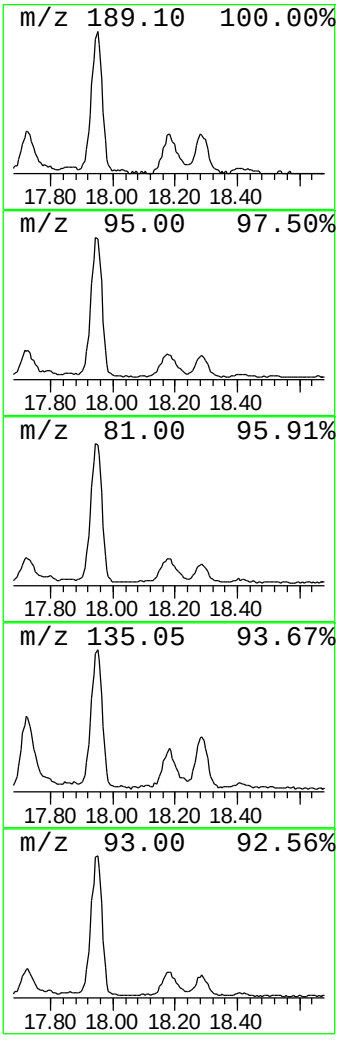
Peak Number 18 Hop-22(29)-en-3.beta.-ol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	9.69 ng	502736	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	70
2	2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	46
3	(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	46
4	4,8-Methanoazulen-9-ol, decahydr...	222	C15H26O	004586-22-5	46
5	Guaia-9,11-diene	204	C15H24	1000374-19-8	42





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Sample : K4356-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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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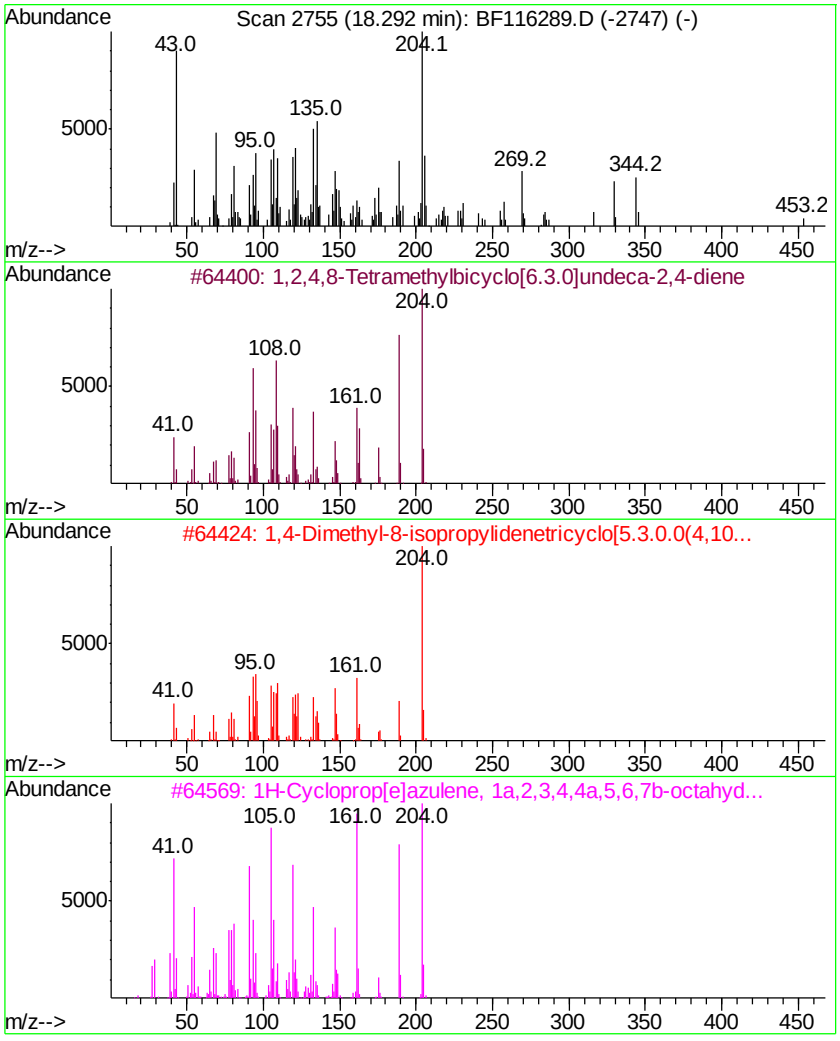
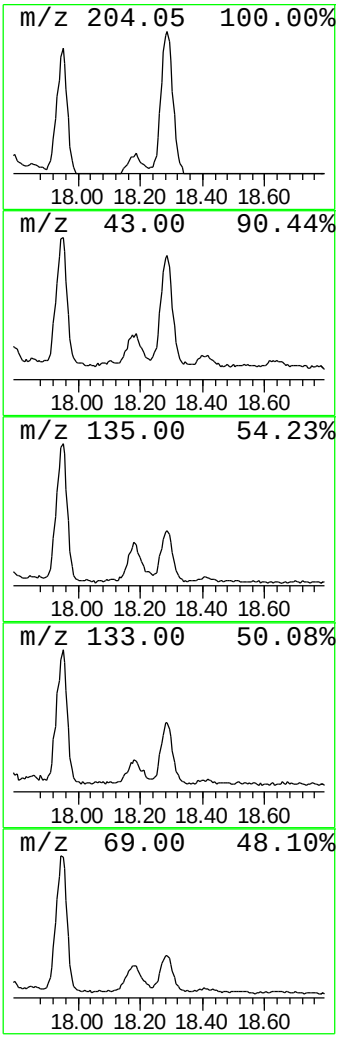
Peak Number 19 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	10.33 ng	535791	Perylene-d12	15.43

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	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	49
3	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	43
4	9,11-Epoxytestosterone acetate	344	C21H28O4	1000128-13-7	40
5	1,4-Methanoazulen-9-ol, decahydr...	222	C15H26O	000465-24-7	38





Tentatively Identified Compound (LSC) summary

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Data File : BF116289.D
Acq On : 15 Aug 2019 20:16
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Sample : K4356-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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	86.7	ng	1953520	1	6.82	450555	20.0
n-Hexadecanoic acid	11.86	3.6	ng	137113	4	11.34	760935	20.0
1-Heneicosanol	13.80	19.2	ng	823306	5	13.98	859009	20.0
Tetratetracontane	14.12	2.7	ng	116919	5	13.98	859009	20.0
1-Heptacosanol	14.43	29.0	ng	1244080	5	13.98	859009	20.0
Eicosane	14.73	2.2	ng	114290	6	15.43	1037130	20.0
Hexacosane	15.05	6.9	ng	356151	6	15.43	1037130	20.0
Behenic alcohol	15.08	6.3	ng	328673	6	15.43	1037130	20.0
Heneicosane	15.84	5.3	ng	276129	6	15.43	1037130	20.0
n-Tetracosanol-1	15.90	3.1	ng	158522	6	15.43	1037130	20.0
Docosane	16.33	3.0	ng	154758	6	15.43	1037130	20.0
unknown16.42	16.42	2.3	ng	117971	6	15.43	1037130	20.0
unknown17.41	17.41	3.7	ng	193398	6	15.43	1037130	20.0
1,1,4a-Trimethyl-...	17.48	43.4	ng	2251110	6	15.43	1037130	20.0
Naphthalene, deca...	17.72	14.3	ng	739315	6	15.43	1037130	20.0
6,10-Dimethyl-3-(...	17.95	43.5	ng	2258570	6	15.43	1037130	20.0
Hop-22(29)-en-3.b...	18.18	9.7	ng	502736	6	15.43	1037130	20.0
1,2,4,8-Tetrameth...	18.29	10.3	ng	535791	6	15.43	1037130	20.0