LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
Data File : BF118847.D
Acq On : 7 Feb 2020 13:40
Operator : CG/JU
Sample : L1431-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-209

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-BF020320.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	2.157	8	12	18	rVB	60721	86604	1.60%	0.208%
2	5.022	496	499	507	rVB	62252	82238	1.52%	0.197%
3	5.434	564	569	572	rBV	3515841	3282922	60.54%	7.877%
4	6.445	736	741	744	rBV	3409414	3165486	58.38%	7.595%
5	6.810	800	803	807	rBV	1321520	1162954	21.45%	2.790%
6	6.969	826	830	834	rBV	3442582	2927610	53.99%	7.024%
7	7.369	892	898	902	rBV	2279043	2186931	40.33%	5.247%
8	8.092	1017	1021	1028	rBV	1718413	1540960	28.42%	3.697%
9	9.169	1200	1204	1218	rBV	4614209	4391057	80.98%	10.536%
10	9.563	1268	1271	1279	rVB	165718	157379	2.90%	0.378%
11	9.845	1315	1319	1323	rBV	1823990	1874823	34.58%	4.498%
12	9.880	1323	1325	1342	rVB	183085	202909	3.74%	0.487%
13	10.051	1351	1354	1359	rBV	81717	79666	1.47%	0.191%
14	10.392	1409	1412	1418	rBV	91683	85318	1.57%	0.205%
15	10.633	1449	1453	1469	rBV	3024489	3324433	61.31%	7.976%
16	11.333	1568	1572	1574	rBV	2358450	2121226	39.12%	5.090%
17	11.351	1574	1575	1579	rVV	260018	222134	4.10%	0.533%
18	11.404	1579	1584	1587	rVB2	51398	66686	1.23%	0.160%
19	11.563	1605	1611	1619	rBV3	39905	67289	1.24%	0.161%
20	11.863	1658	1662	1674	rBV	927867	1061351	19.57%	2.547%
21	11.945	1674	1676	1684	rVB2	53910	75622	1.39%	0.181%
22	12.116	1702	1705	1709	rBV2	102773	98518	1.82%	0.236%
23	12.545	1774	1778	1780	rBV	210640	218100	4.02%	0.523%
24	12.568	1780	1782	1792	rVV3	109898	165562	3.05%	0.397%
25	12.645	1792	1795	1808	rVV	383411	451579	8.33%	1.083%
26	12.768	1809	1816	1819	rVB	153015	166228	3.07%	0.399%
27	12.915	1837	1841	1845	rBV	5514875	5422389	100.00%	13.010%
28	13.815	1991	1994	2004	rBV	413363	571962	10.55%	1.372%
29	13.968	2014	2020	2028	rBV	2193029	2235870	41.23%	5.365%
30	14.139	2045	2049	2054	rVB	101889	97250	1.79%	0.233%
31	14.439	2097	2100	2108	rBV	165830	224364	4.14%	0.538%
32	14.598	2124	2127	2131	rBV	52061	55648	1.03%	0.134%
33	14.745	2148	2152	2155	rVB	206128	198783	3.67%	0.477%
34	14.815	2160	2164	2170	rVB	387719	399635	7.37%	0.959%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
Data File : BF118847.D
Acq On : 7 Feb 2020 13:40
Operator : CG/JU
Sample : L1431-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-209

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-BF020320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.998	2191	2195	2197	rBV	53881	73430	1.35%	0.176%
36	15.074	2204	2208	2212	rBV	232852	256496	4.73%	0.615%
37	15.415	2261	2266	2270	rVV	1438368	1934134	35.67%	4.641%
38	15.445	2270	2271	2278	rVB	254561	230159	4.24%	0.552%
39	15.868	2338	2343	2348	rBV	157231	252262	4.65%	0.605%
40	15.933	2350	2354	2361	rVV7	36516	82777	1.53%	0.199%
41	16.362	2423	2427	2436	rVB3	80421	151918	2.80%	0.365%
42	16.851	2505	2510	2518	rVV2	54041	127465	2.35%	0.306%
43	16.945	2522	2526	2534	rVB3	48341	97970	1.81%	0.235%

Sum of corrected areas: 41678097

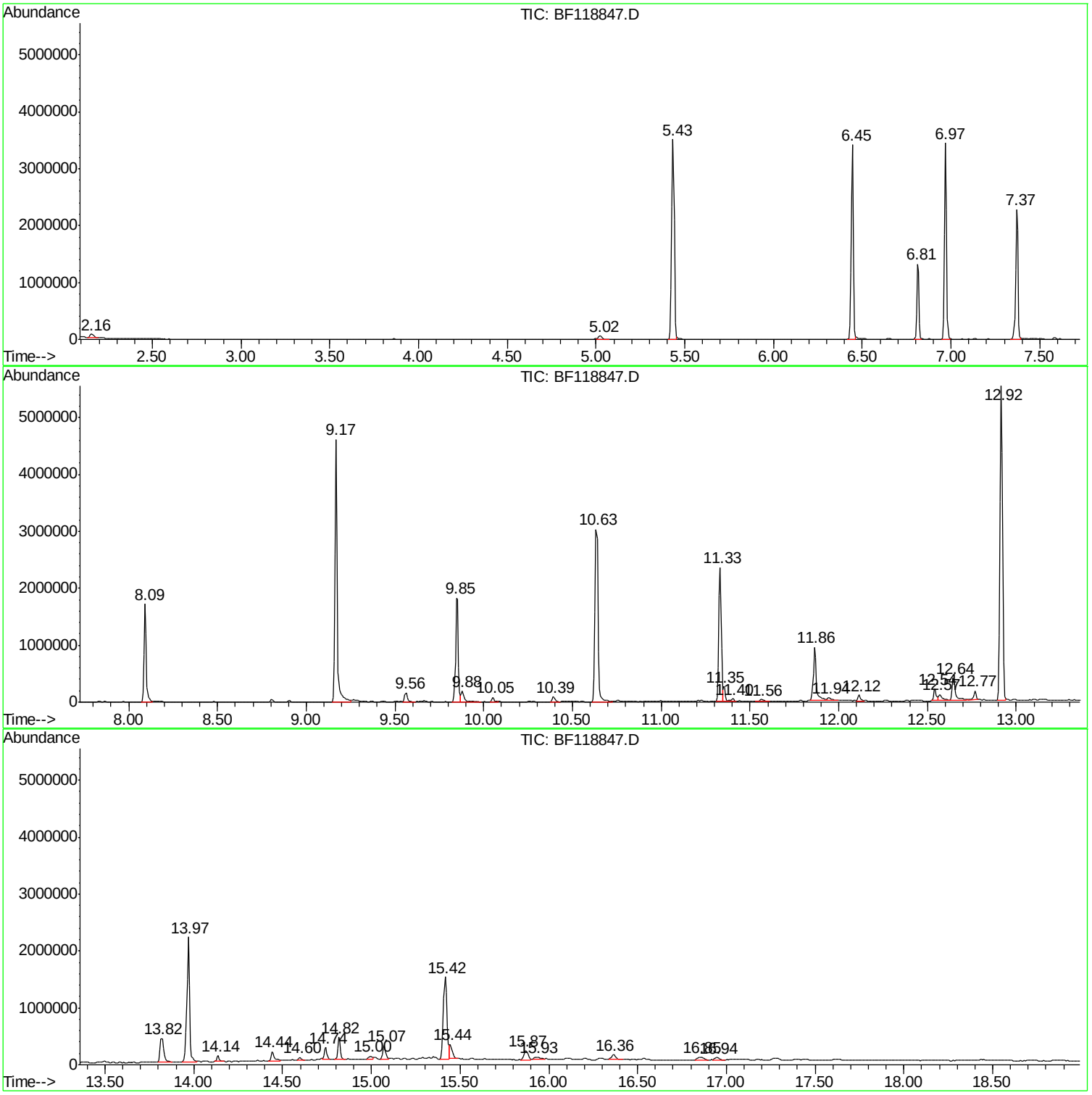
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
Data File : BF118847.D
Acq On : 7 Feb 2020 13:40
Operator : CG/JU
Sample : L1431-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-209

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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\BF020720\
Data File : BF118847.D
Acq On : 7 Feb 2020 13:40
Operator : CG/JU
Sample : L1431-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-209

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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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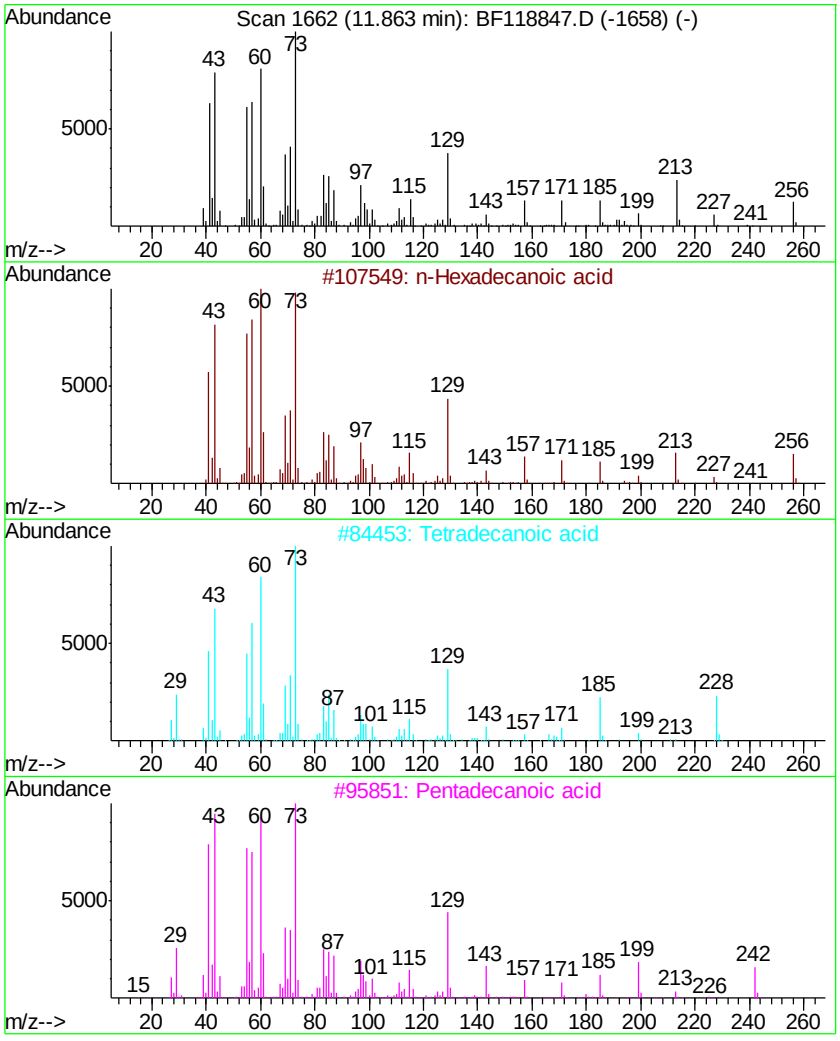
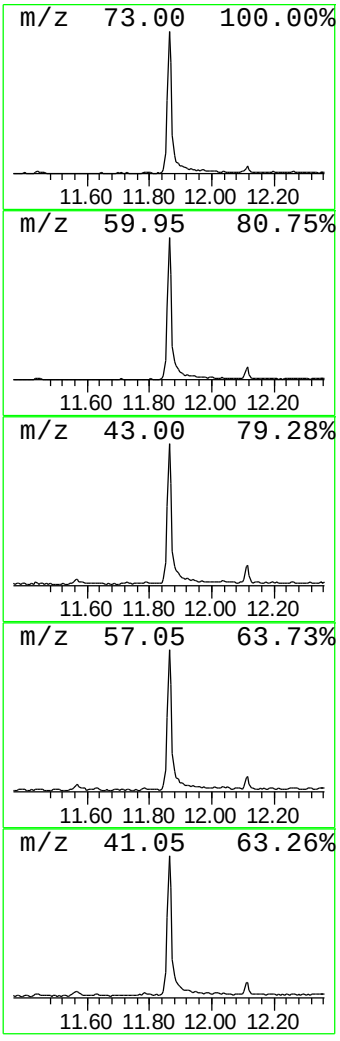
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	10.01 ng	1061350	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
Data File : BF118847.D
Acq On : 7 Feb 2020 13:40
Operator : CG/JU
Sample : L1431-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-209

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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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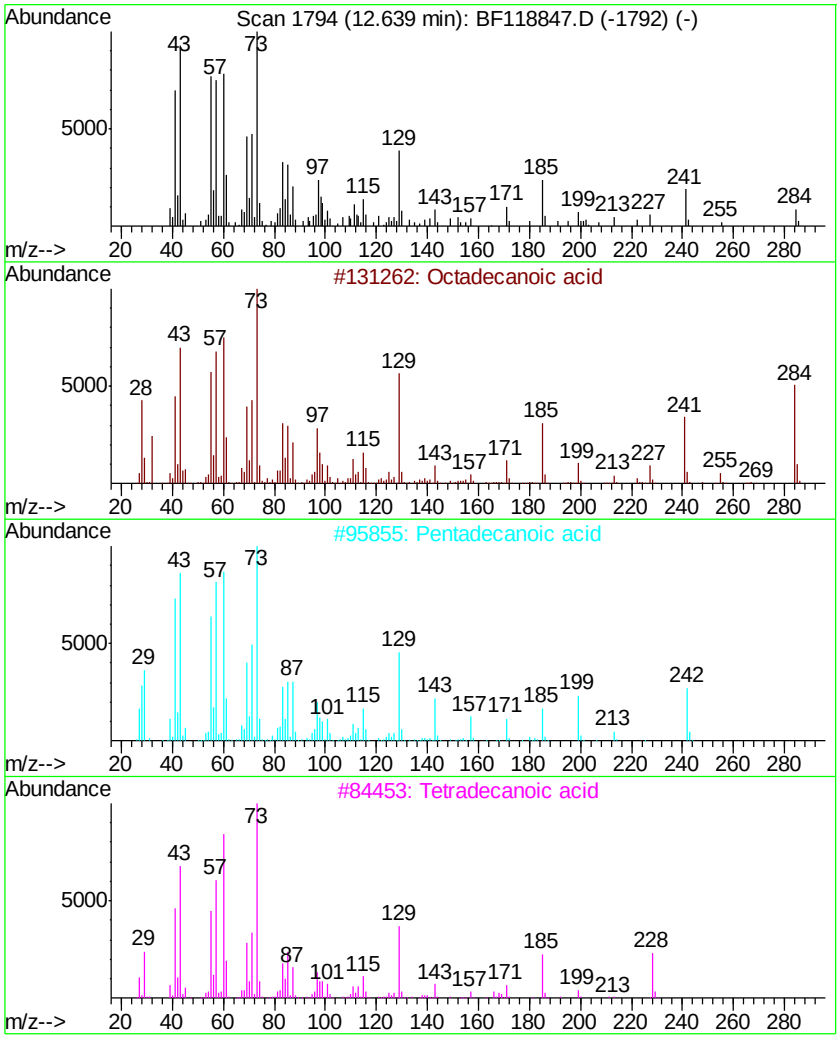
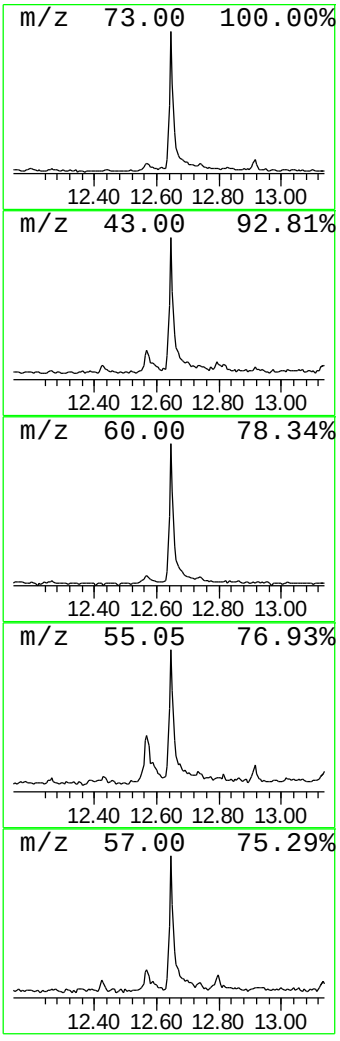
Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	4.26 ng	451579	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	n-Decanoic acid	172	C10H20O2	000334-48-5	62
5	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
Data File : BF118847.D
Acq On : 7 Feb 2020 13:40
Operator : CG/JU
Sample : L1431-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-209

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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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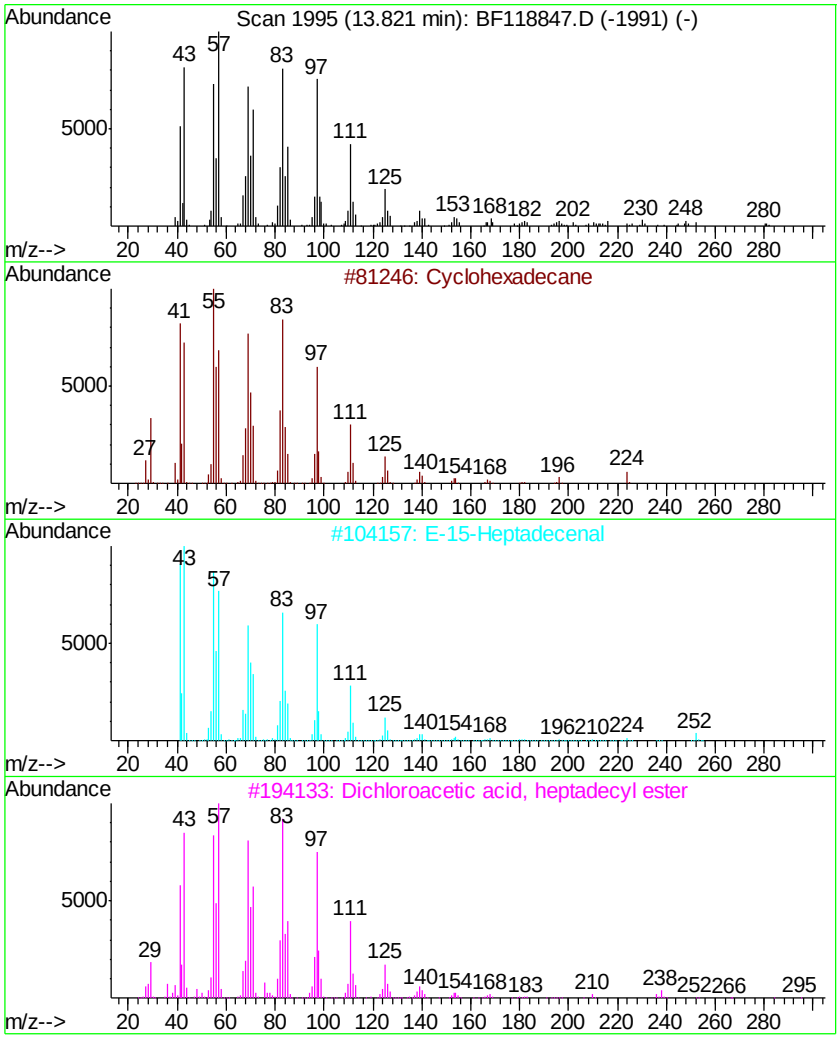
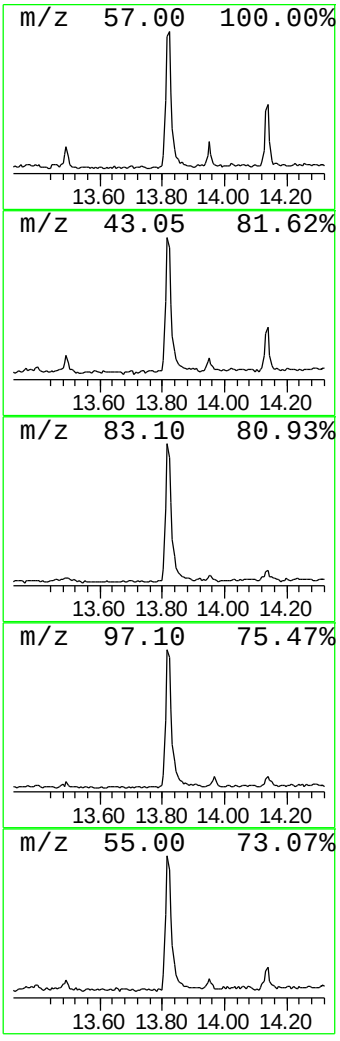
Peak Number 5 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	5.12 ng	571962	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	99
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	98
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
Data File : BF118847.D
Acq On : 7 Feb 2020 13:40
Operator : CG/JU
Sample : L1431-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-209

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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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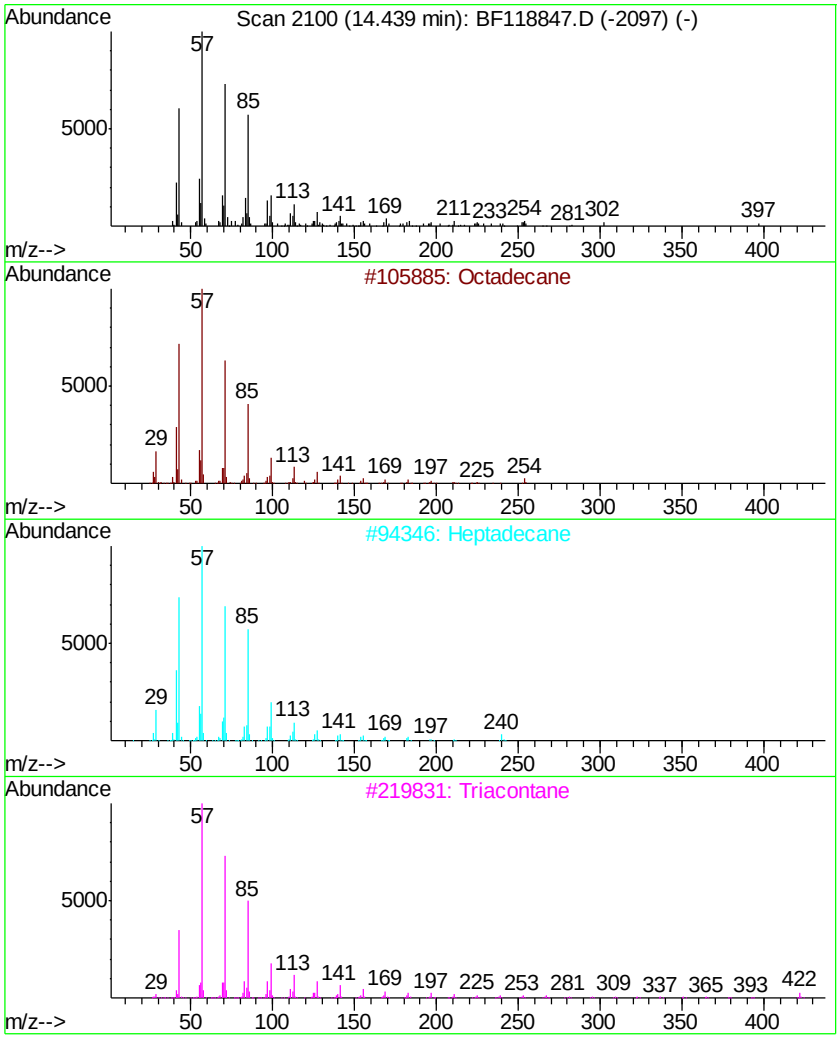
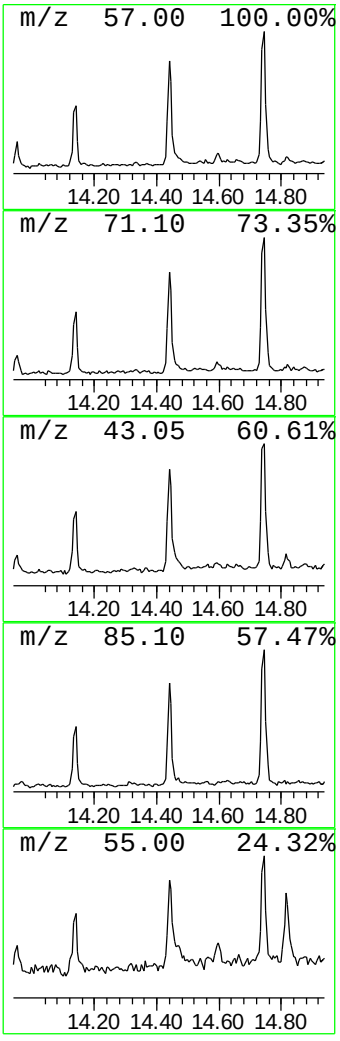
Peak Number 6 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	2.01 ng	224364	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	98
2	Heptadecane	240	C17H36	000629-78-7	95
3	Triacontane	422	C30H62	000638-68-6	91
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
5	Hexacosane	366	C26H54	000630-01-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
Data File : BF118847.D
Acq On : 7 Feb 2020 13:40
Operator : CG/JU
Sample : L1431-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-209

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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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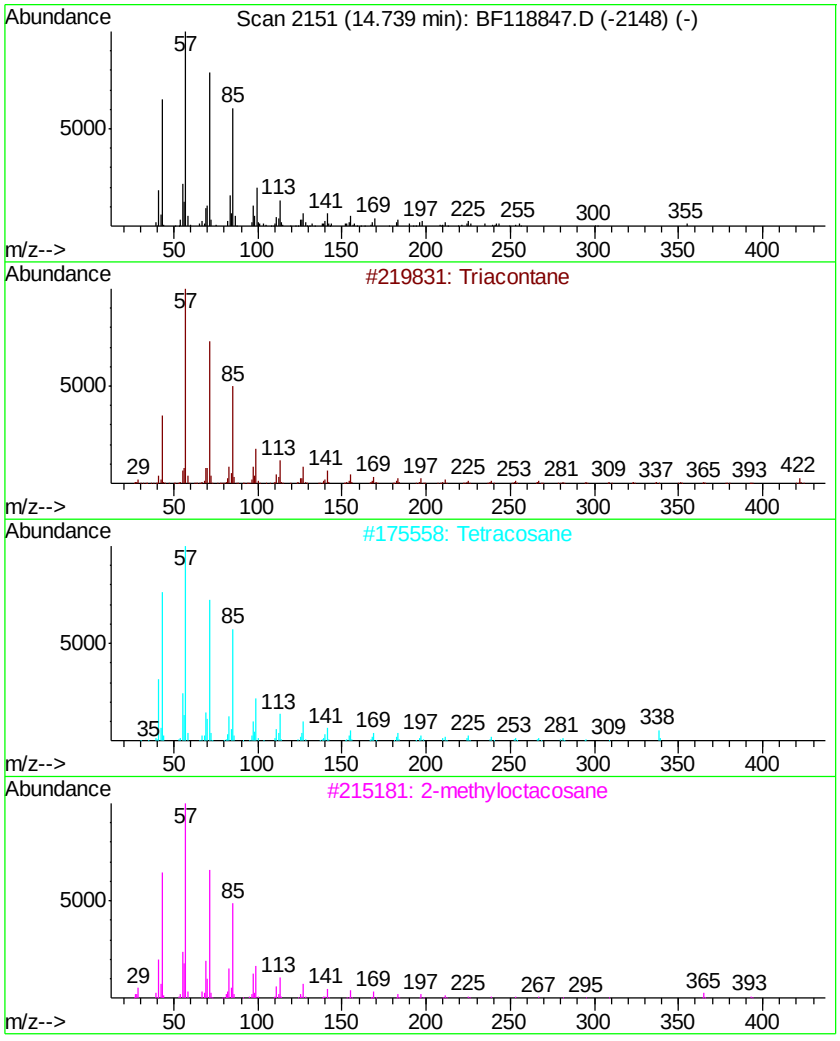
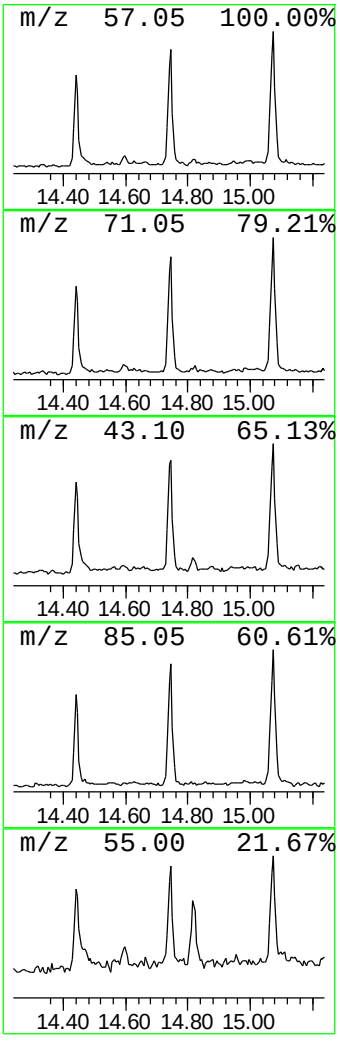
Peak Number 7 Triacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	2.06 ng	198783	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Eicosane	282	C20H42	000112-95-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
Data File : BF118847.D
Acq On : 7 Feb 2020 13:40
Operator : CG/JU
Sample : L1431-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-209

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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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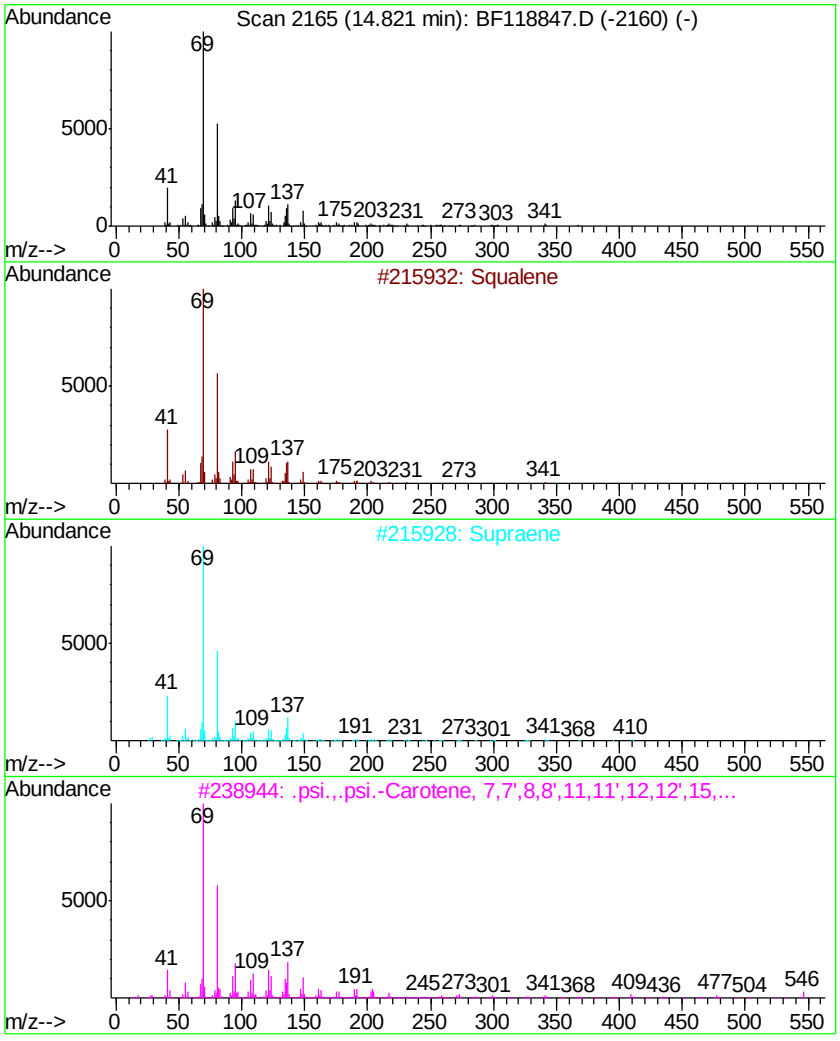
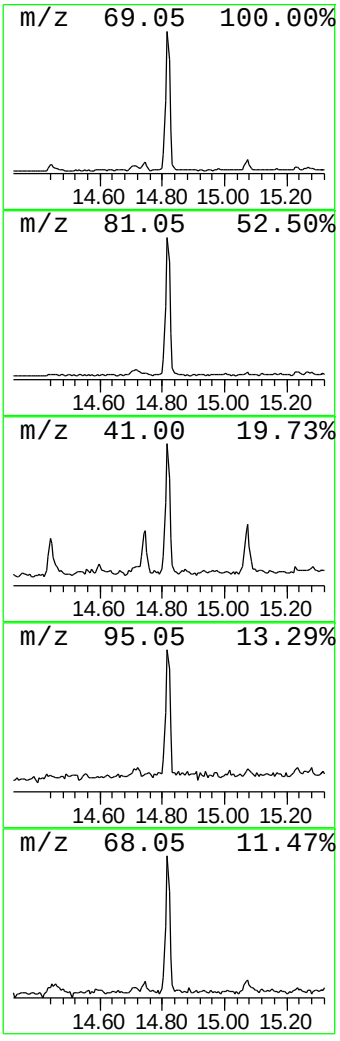
Peak Number 8 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	4.13 ng	399635	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	94
2	Supraene	410	C30H50	007683-64-9	91
3	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	72
5	Farnesol (E), methyl ether	236	C16H28O	1000352-67-3	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
Data File : BF118847.D
Acq On : 7 Feb 2020 13:40
Operator : CG/JU
Sample : L1431-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-209

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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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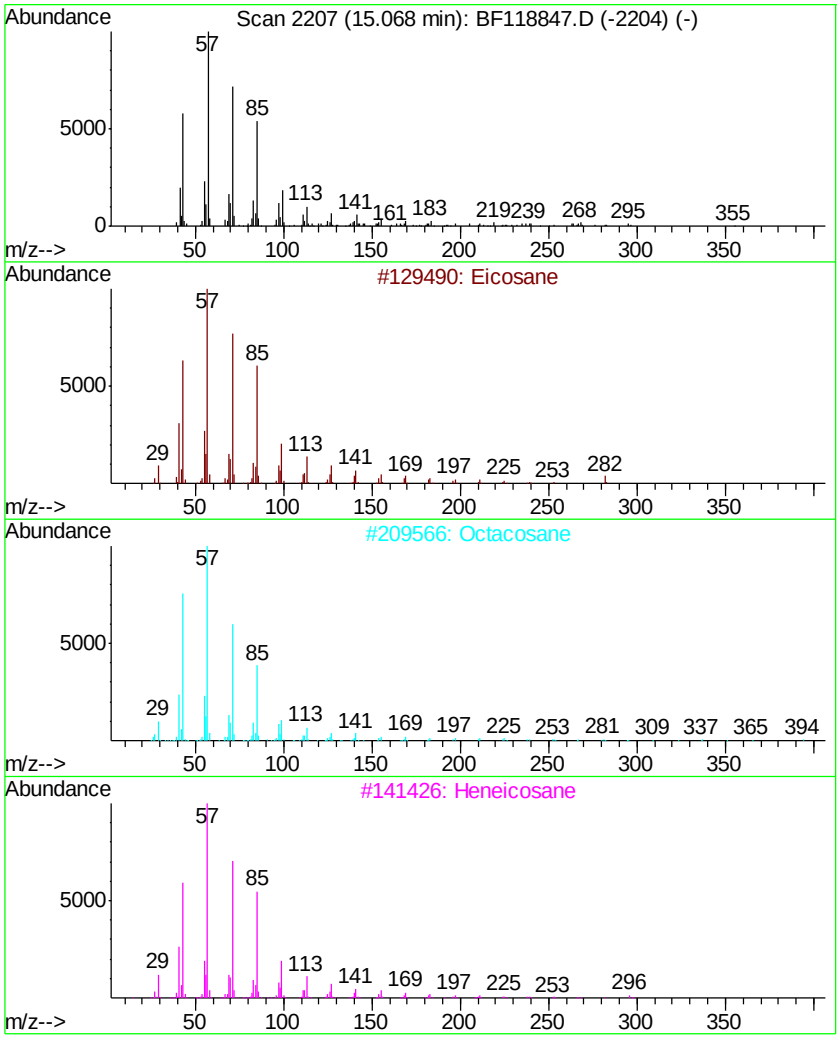
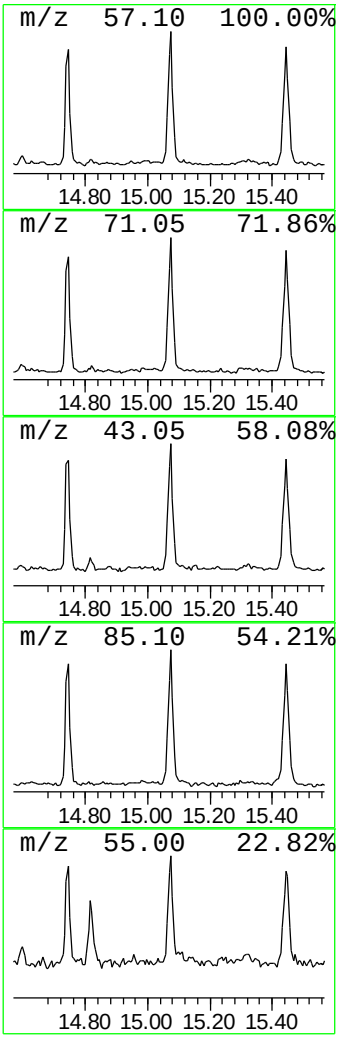
Peak Number 9 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	2.65 ng	256496	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
Data File : BF118847.D
Acq On : 7 Feb 2020 13:40
Operator : CG/JU
Sample : L1431-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-209

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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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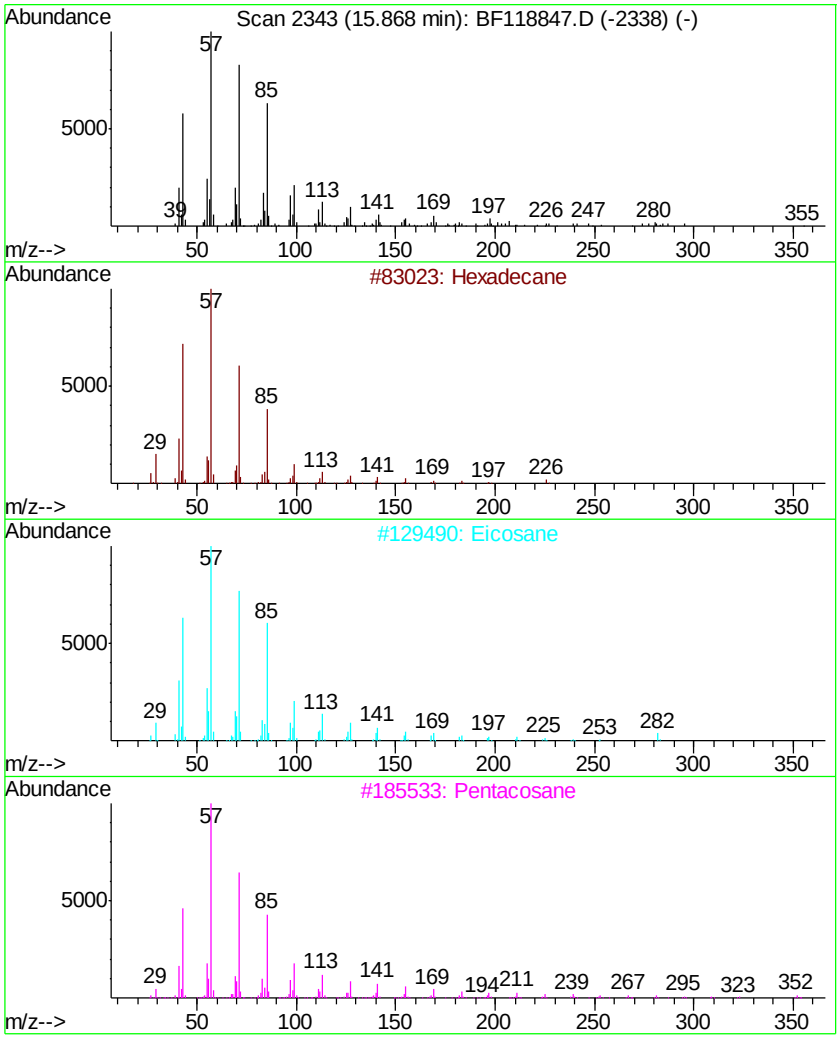
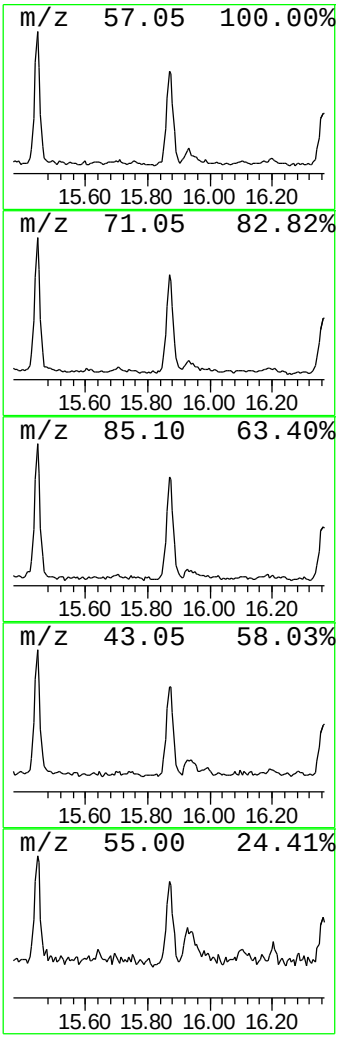
Peak Number 10 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	2.61 ng	252262	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Eicosane	282	C20H42	000112-95-8	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020720\
Data File : BF118847.D
Acq On : 7 Feb 2020 13:40
Operator : CG/JU
Sample : L1431-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-209

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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
n-Hexadecanoic acid	11.86	10.0	ng	1061350	4	11.33	2121230	20.0
Octadecanoic acid	12.64	4.3	ng	451579	4	11.33	2121230	20.0
Cyclohexadecane	13.82	5.1	ng	571962	5	13.97	2235870	20.0
Octadecane	14.44	2.0	ng	224364	5	13.97	2235870	20.0
Triacontane	14.74	2.1	ng	198783	6	15.42	1934130	20.0
Squalene	14.82	4.1	ng	399635	6	15.42	1934130	20.0
Eicosane	15.07	2.6	ng	256496	6	15.42	1934130	20.0
Hexadecane	15.87	2.6	ng	252262	6	15.42	1934130	20.0