LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
Data File : BF117280.D
Acq On : 1 Oct 2019 16:46
Operator : JU
Sample : K5083-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190701-RR-COMPOSITE-1

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-BF091319.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	5.422	564	567	592	rBV	629131	662140	69.75%	7.696%
2	6.445	737	741	760	rBV	763051	760773	80.14%	8.843%
3	6.575	760	763	773	rVV	865145	763481	80.43%	8.874%
4	6.804	799	802	813	rBV	238526	203855	21.47%	2.369%
5	6.963	825	829	843	rBV	564871	553936	58.35%	6.439%
6	7.369	894	898	914	rBV	381525	445911	46.97%	5.183%
7	8.086	1017	1020	1036	rBV	268067	268461	28.28%	3.120%
8	9.157	1199	1202	1213	rBV	903636	862957	90.91%	10.031%
9	9.557	1266	1270	1279	rBV	99744	95762	10.09%	1.113%
10	9.839	1314	1318	1328	rBV	373927	330182	34.78%	3.838%
11	10.627	1449	1452	1466	rBV	518345	523746	55.17%	6.088%
12	11.327	1567	1571	1588	rBV	321026	329860	34.75%	3.834%
13	11.851	1657	1660	1667	rBV2	17631	23964	2.52%	0.279%
14	12.633	1791	1793	1800	rBV	12650	19814	2.09%	0.230%
15	12.910	1835	1840	1843	rBV	1054114	949286	100.00%	11.034%
16	13.133	1874	1878	1883	rBV4	4931	10883	1.15%	0.126%
17	13.810	1988	1993	2008	rBV3	84035	228867	24.11%	2.660%
18	13.968	2016	2020	2028	rBV	299172	292459	30.81%	3.399%
19	14.115	2041	2045	2051	rBV	42355	43261	4.56%	0.503%
20	14.421	2093	2097	2101	rBV	93199	85145	8.97%	0.990%
21	14.474	2101	2106	2112	rVB6	7096	13869	1.46%	0.161%
22	14.721	2144	2148	2153	rBV	158181	146863	15.47%	1.707%
23	14.798	2157	2161	2166	rVB	49812	54402	5.73%	0.632%
24	15.051	2199	2204	2209	rVB	161462	182304	19.20%	2.119%
25	15.421	2261	2267	2276	rBV	307689	438182	46.16%	5.093%
26	15.839	2332	2338	2347	rBV	106386	157375	16.58%	1.829%
27	15.933	2347	2354	2355	rBV4	8627	13831	1.46%	0.161%
28	15.956	2355	2358	2365	rVB7	7754	14457	1.52%	0.168%
29	16.321	2413	2420	2432	rVB2	54598	99005	10.43%	1.151%
30	16.892	2511	2517	2524	rVB6	14145	28287	2.98%	0.329%

Sum of corrected areas: 8603318

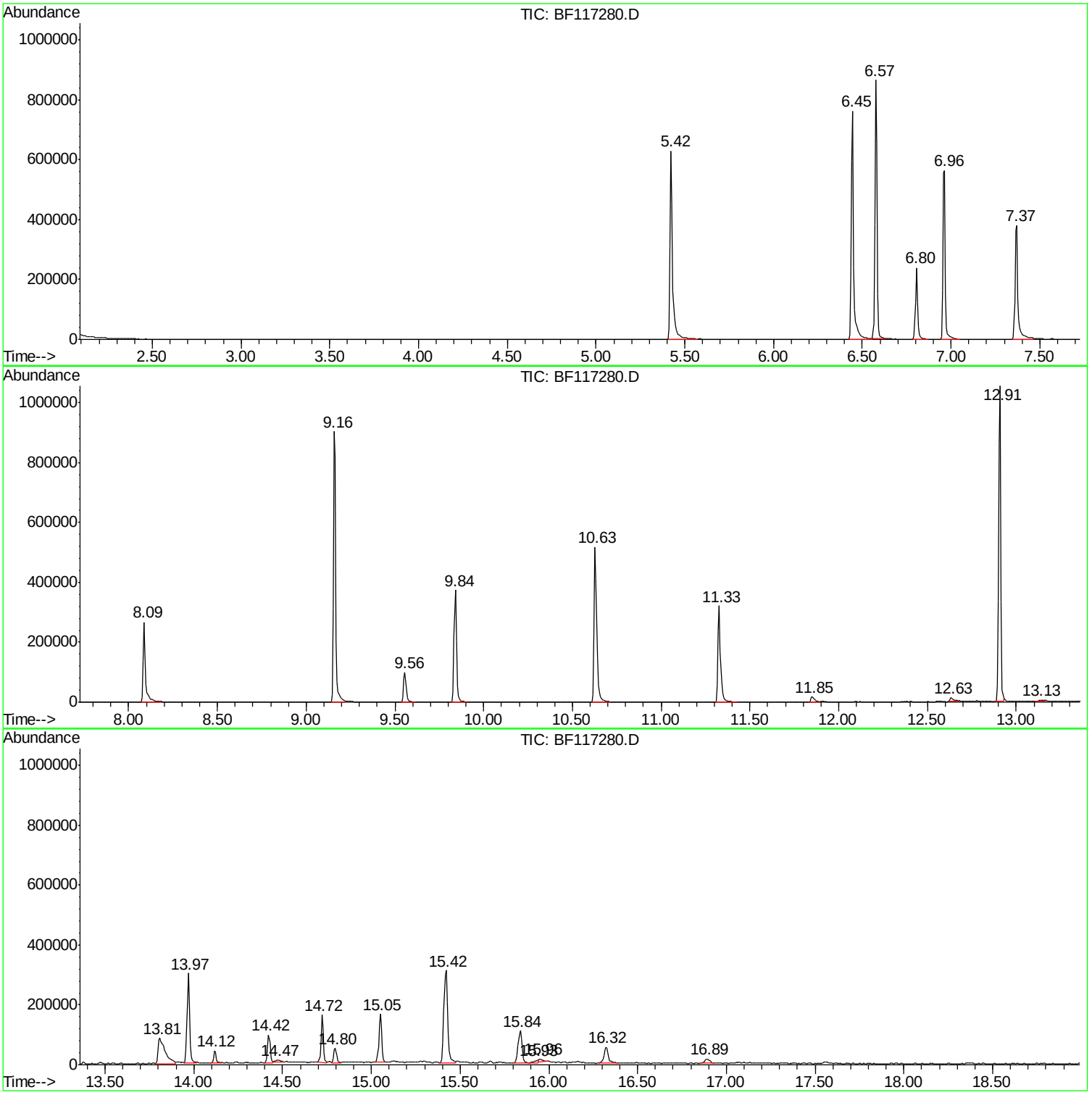
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
Data File : BF117280.D
Acq On : 1 Oct 2019 16:46
Operator : JU
Sample : K5083-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20190701-RR-COMPOSITE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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\BF100119\
Data File : BF117280.D
Acq On : 1 Oct 2019 16:46
Operator : JU
Sample : K5083-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190701-RR-COMPOSITE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

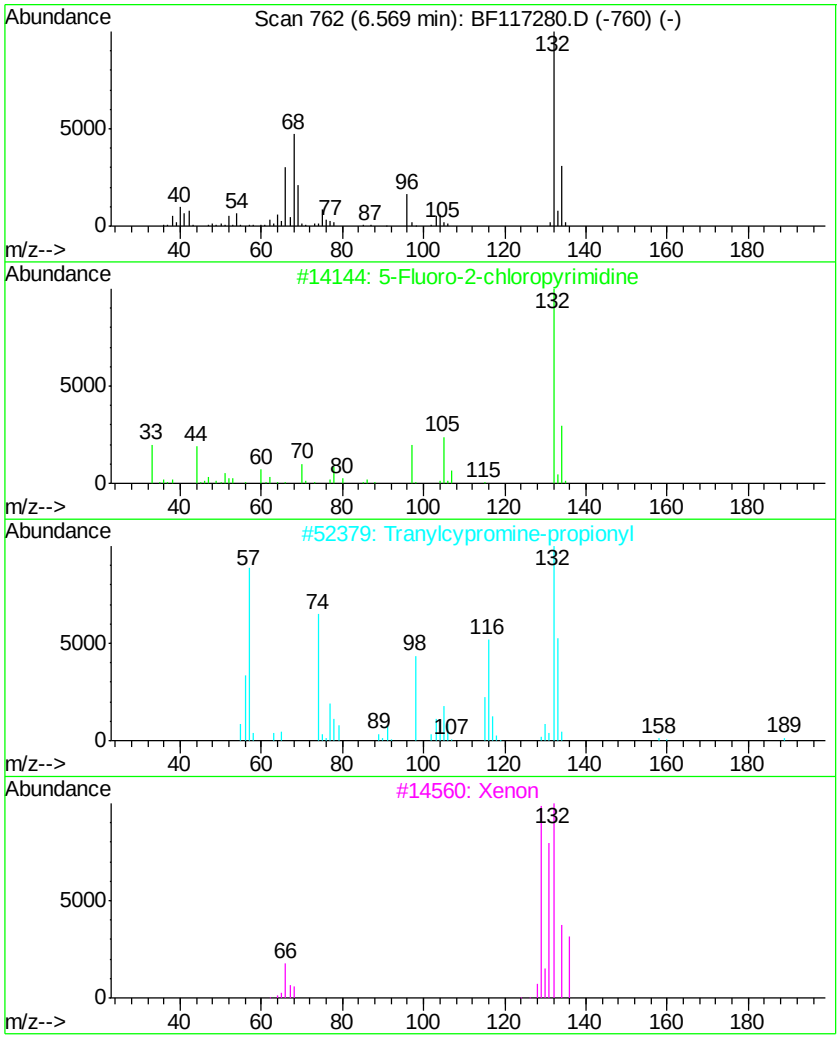
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

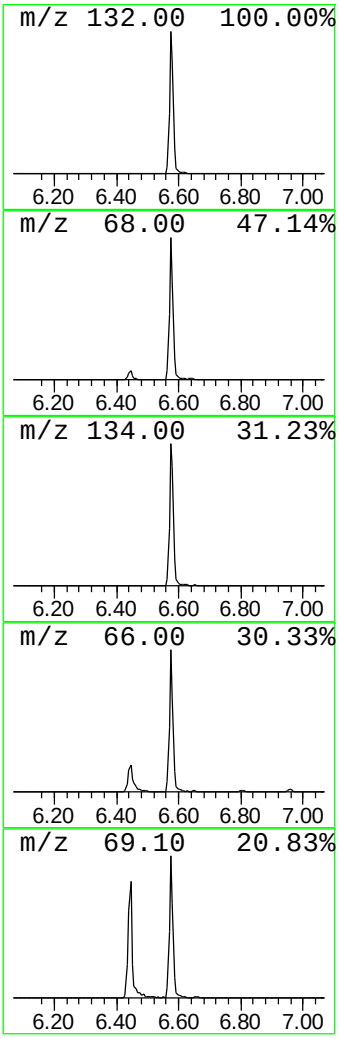
****

Peak Number 1 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	74.90 ng	763481	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Xenon	132	Xe	007440-63-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
Data File : BF117280.D
Acq On : 1 Oct 2019 16:46
Operator : JU
Sample : K5083-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190701-RR-COMPOSITE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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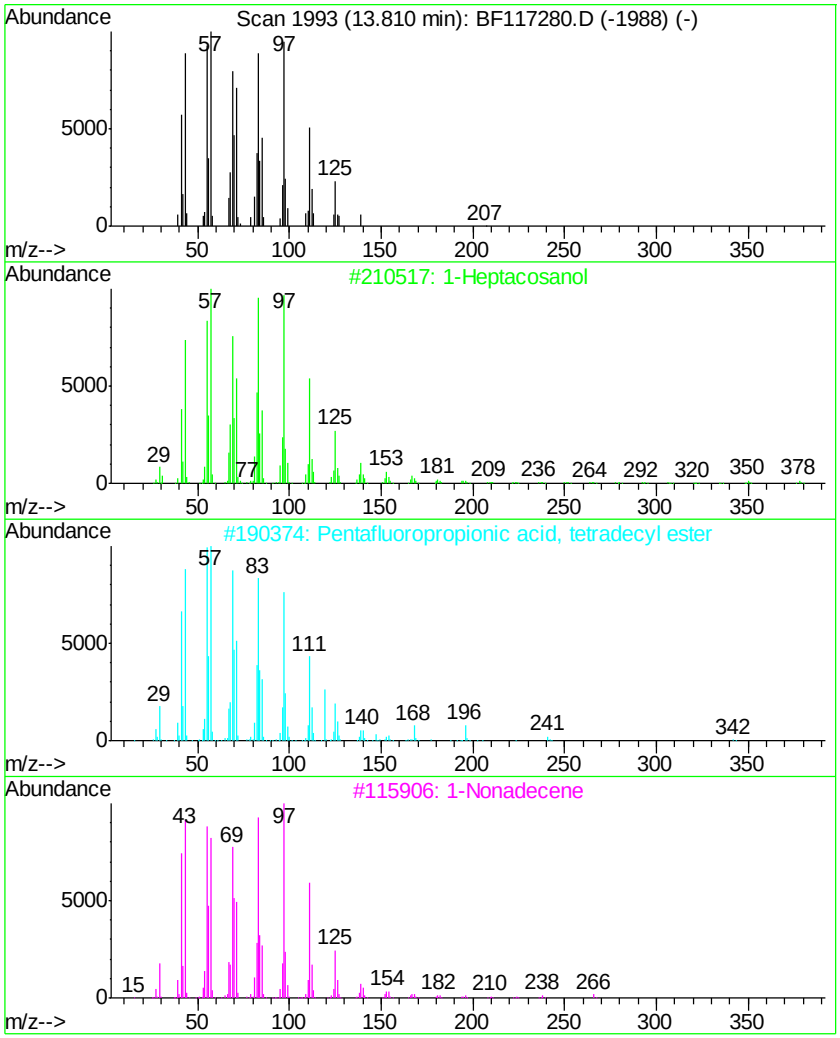
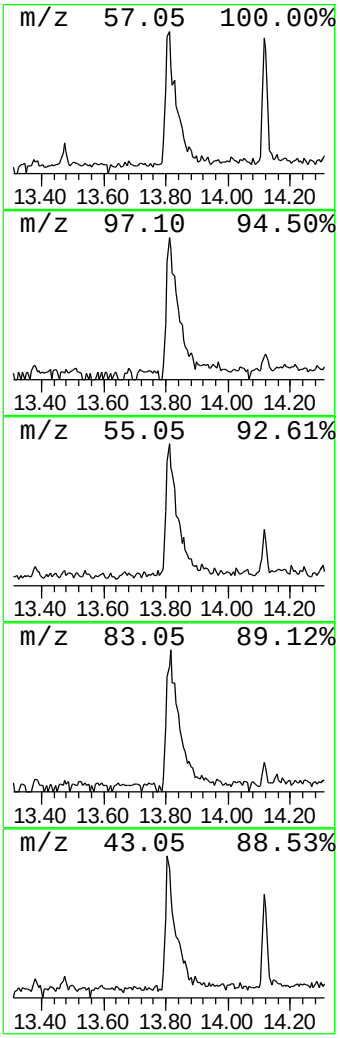
Peak Number 3 1-Heptacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	15.65 ng	228867	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	91
2	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
Data File : BF117280.D
Acq On : 1 Oct 2019 16:46
Operator : JU
Sample : K5083-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190701-RR-COMPOSITE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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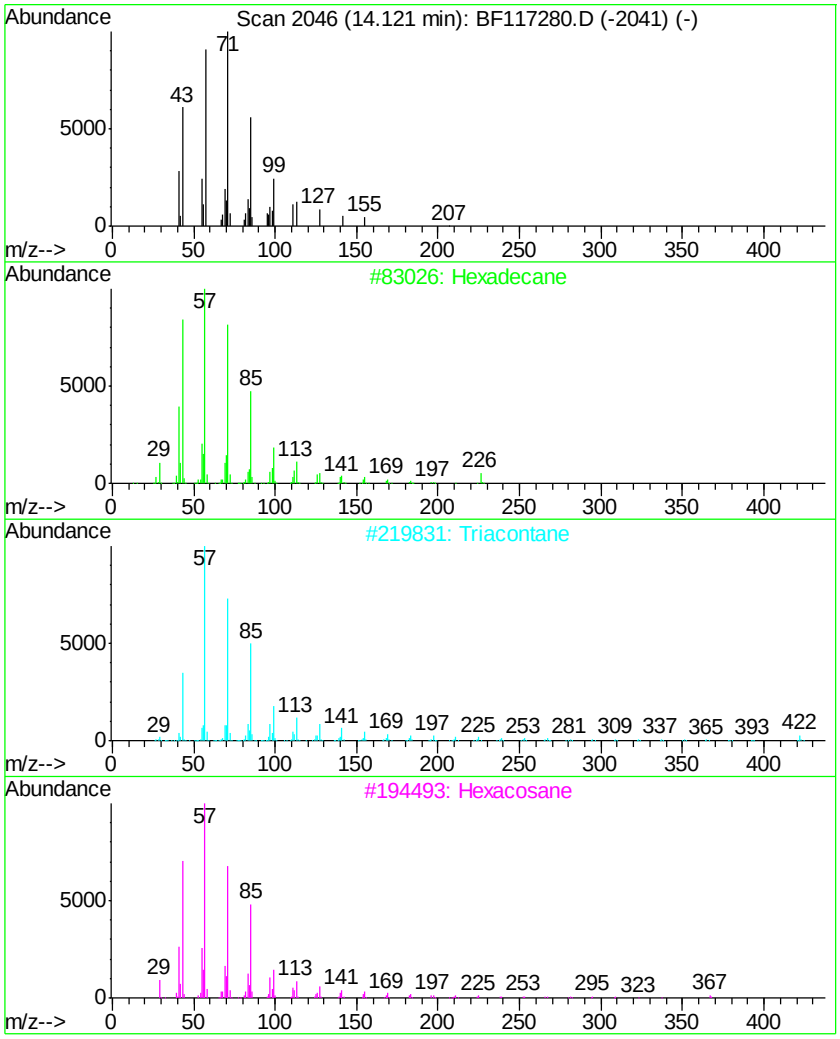
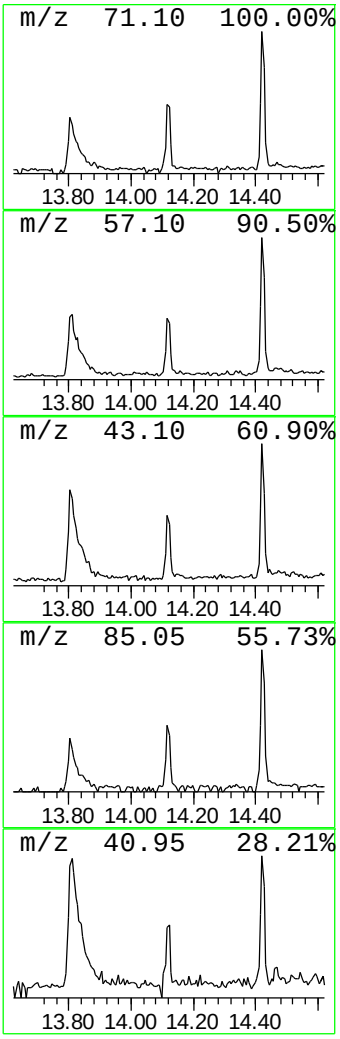
Peak Number 4 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	2.96 ng	43261	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Triacontane	422	C30H62	000638-68-6	83
3	Hexacosane	366	C26H54	000630-01-3	83
4	Octacosane	394	C28H58	000630-02-4	72
5	Heneicosane	296	C21H44	000629-94-7	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
Data File : BF117280.D
Acq On : 1 Oct 2019 16:46
Operator : JU
Sample : K5083-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190701-RR-COMPOSITE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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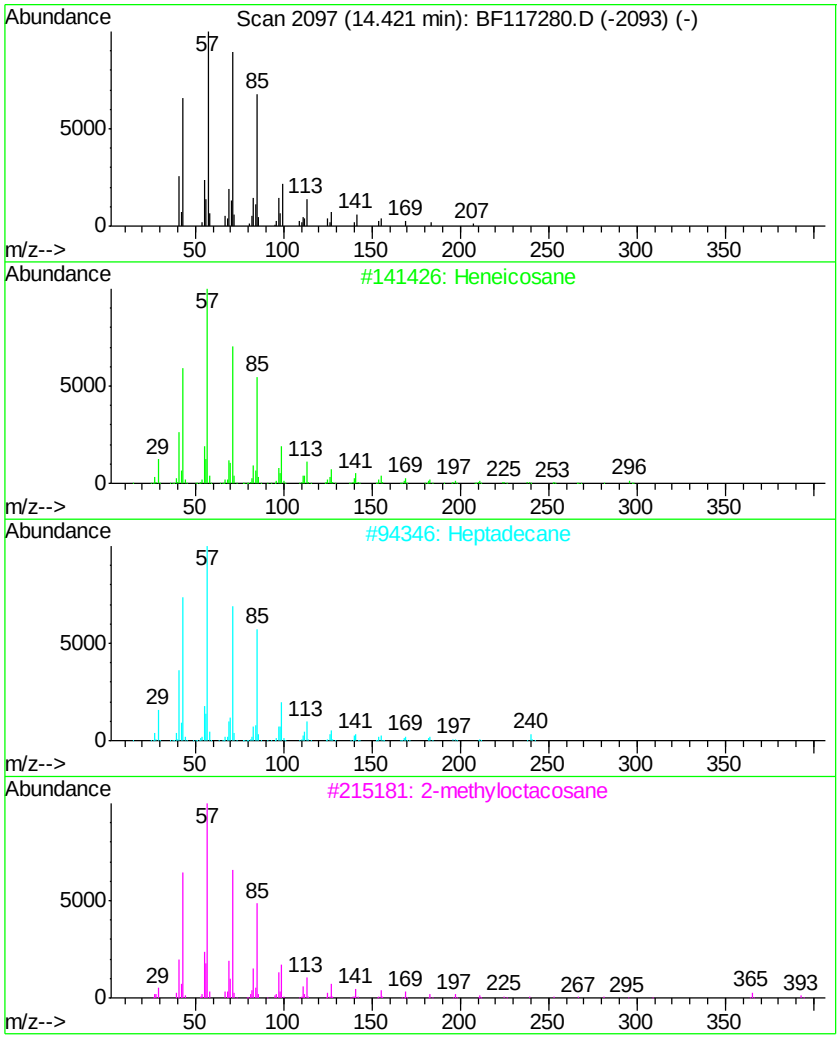
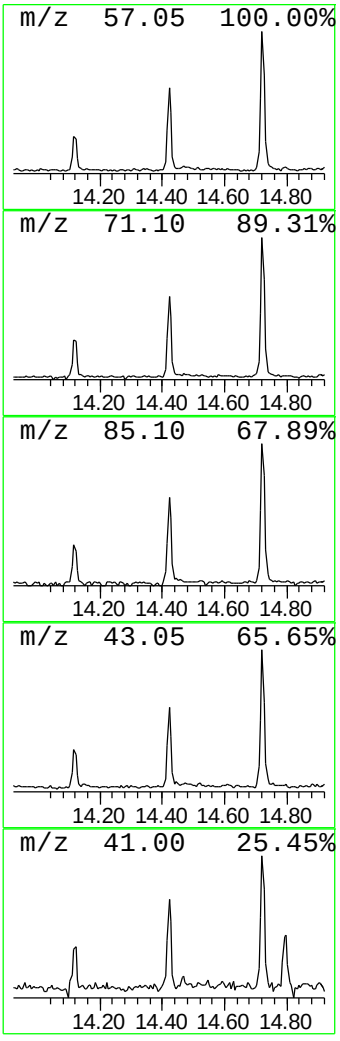
Peak Number 5 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	5.82 ng	85145	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Hexacosane	366	C26H54	000630-01-3	87
5	10-Methylnonadecane	282	C20H42	056862-62-5	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
Data File : BF117280.D
Acq On : 1 Oct 2019 16:46
Operator : JU
Sample : K5083-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190701-RR-COMPOSITE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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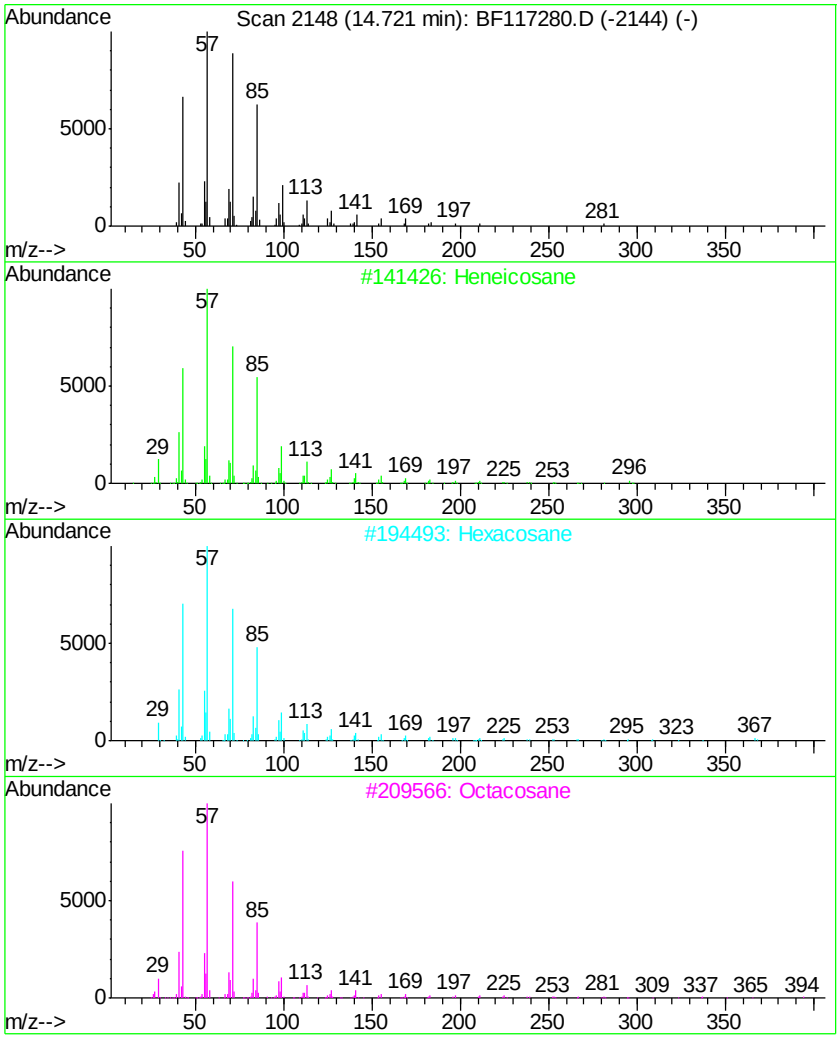
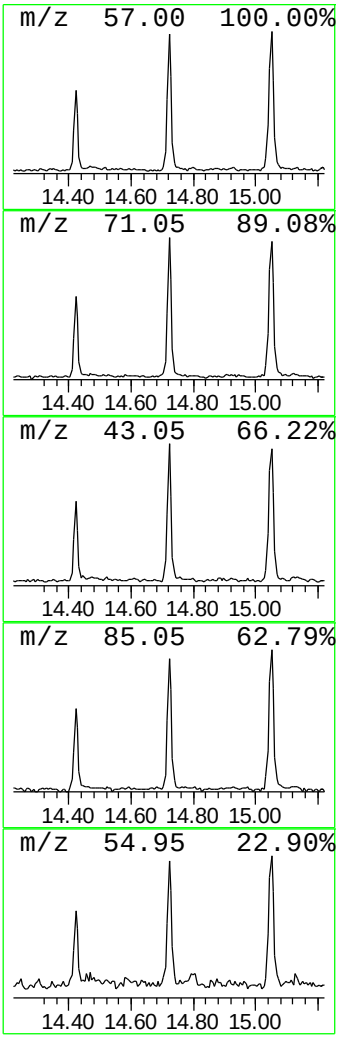
Peak Number 6 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	6.70 ng	146863	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octacosane	394	C28H58	000630-02-4	83
4	Hexadecane	226	C16H34	000544-76-3	83
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
Data File : BF117280.D
Acq On : 1 Oct 2019 16:46
Operator : JU
Sample : K5083-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190701-RR-COMPOSITE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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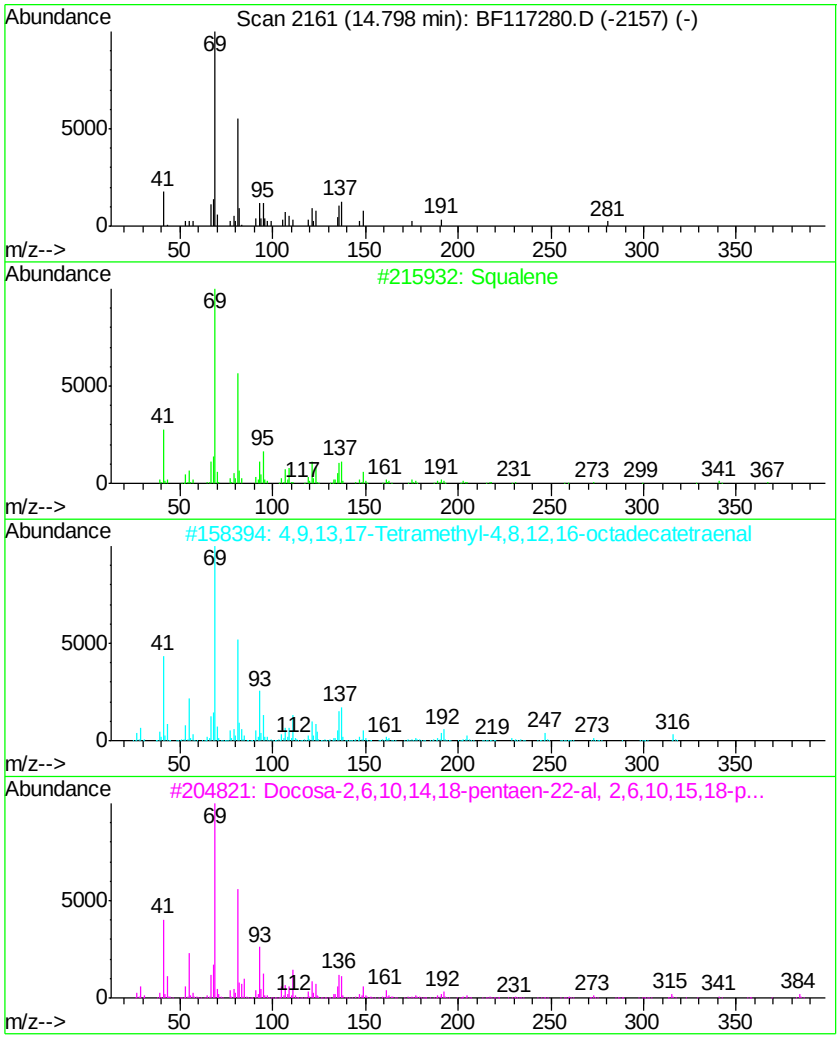
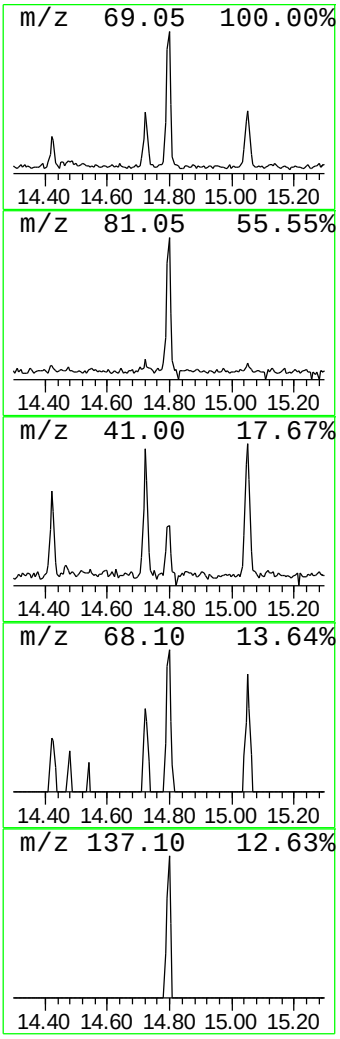
Peak Number 7 Squalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	2.48 ng	54402	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	91
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	91
4	Supraene	410	C30H50	007683-64-9	91
5	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
Data File : BF117280.D
Acq On : 1 Oct 2019 16:46
Operator : JU
Sample : K5083-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190701-RR-COMPOSITE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

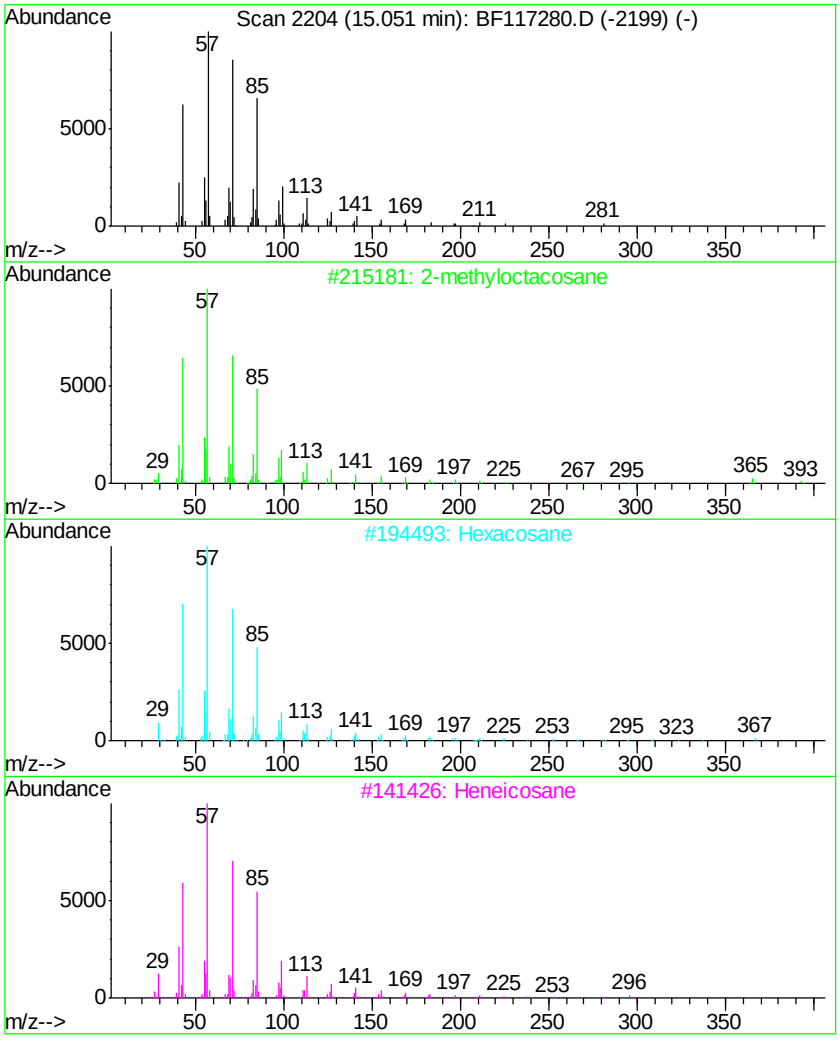
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

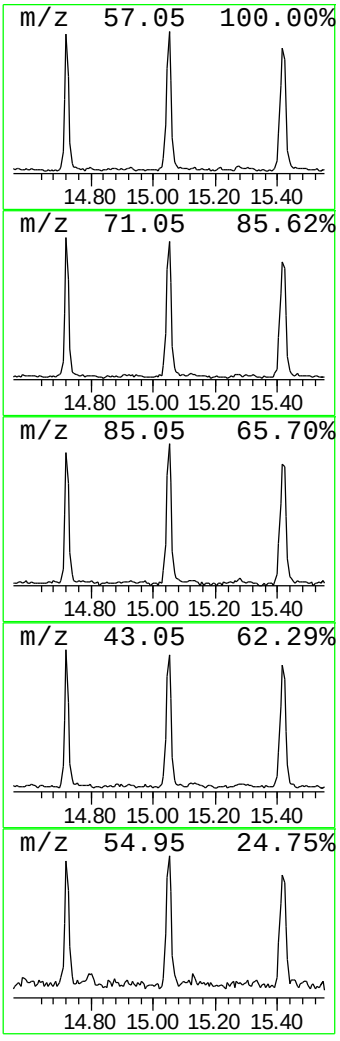
****

Peak Number 8 2-methyloctacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	8.32 ng	182304	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	90
2	Hexacosane	366	C26H54	000630-01-3	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Pentacosane	352	C25H52	000629-99-2	86
5	Octacosane	394	C28H58	000630-02-4	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
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Acq On : 1 Oct 2019 16:46
Operator : JU
Sample : K5083-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190701-RR-COMPOSITE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

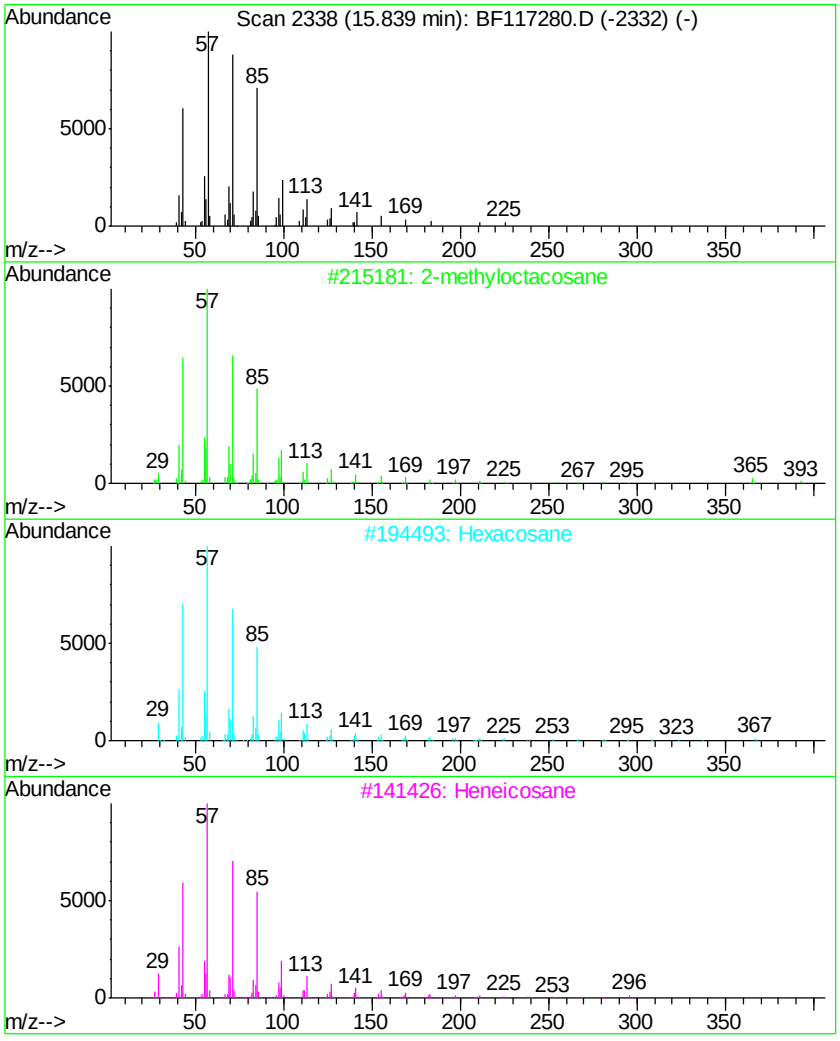
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

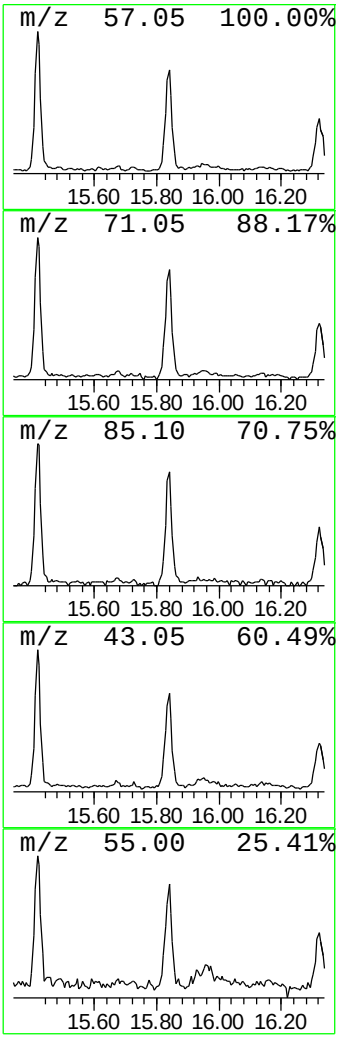
****

Peak Number 9 Tridecanol, 2-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	7.18 ng	157375	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90
5	2-methyltetracosane	352	C25H52	1000376-72-6	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
Data File : BF117280.D
Acq On : 1 Oct 2019 16:46
Operator : JU
Sample : K5083-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190701-RR-COMPOSITE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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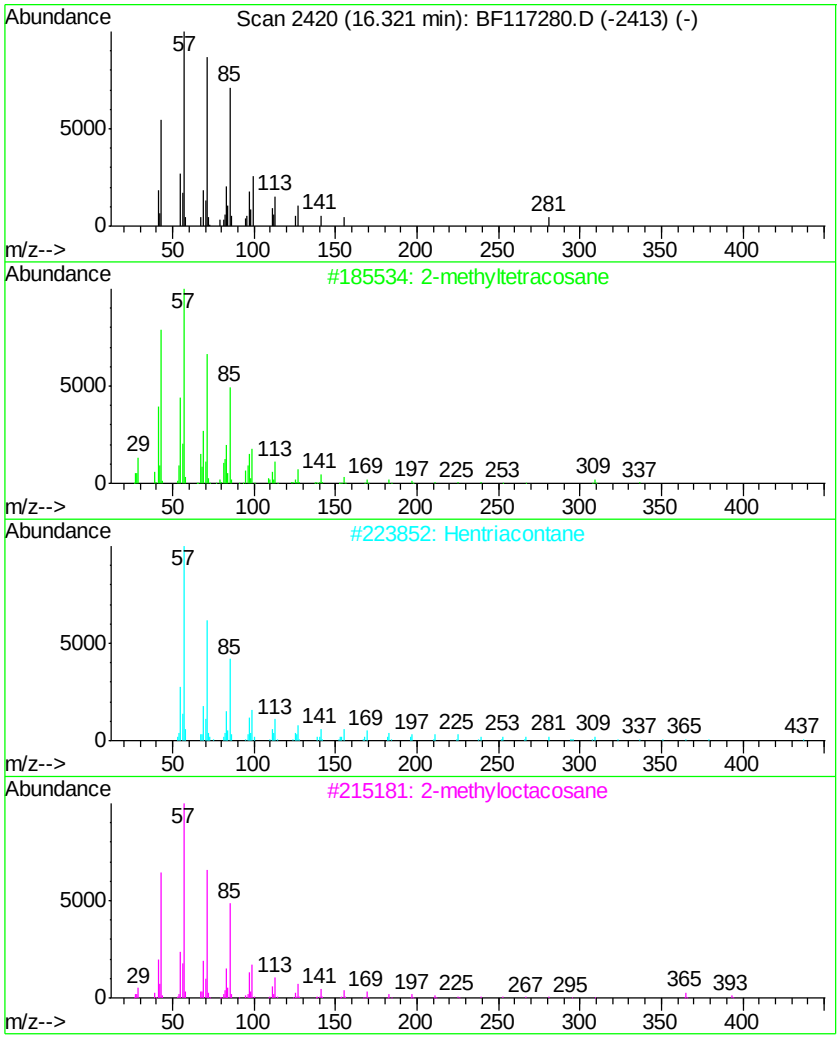
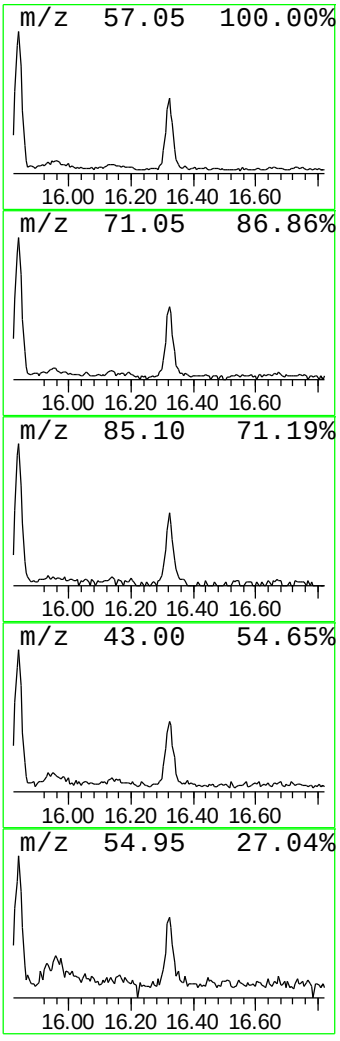
Peak Number 10 Hentriacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	4.52 ng	99005	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyltetracosane	352	C25H52	1000376-72-6	91
2	Hentriacontane	437	C31H64	000630-04-6	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Tritetracontane	605	C43H88	007098-21-7	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100119\
Data File : BF117280.D
Acq On : 1 Oct 2019 16:46
Operator : JU
Sample : K5083-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20190701-RR-COMPOSITE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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
unknown6.57	6.57	74.9	ng	763481	1	6.80	203855	20.0
1-Heptacosanol	13.81	15.7	ng	228867	5	13.97	292459	20.0
Hexadecane	14.12	3.0	ng	43261	5	13.97	292459	20.0
Heneicosane	14.42	5.8	ng	85145	5	13.97	292459	20.0
Hexacosane	14.72	6.7	ng	146863	6	15.42	438182	20.0
Squalene	14.80	2.5	ng	54402	6	15.42	438182	20.0
2-methyloctacosane	15.05	8.3	ng	182304	6	15.42	438182	20.0
Tridecanol, 2-eth...	15.84	7.2	ng	157375	6	15.42	438182	20.0
Hentriacontane	16.32	4.5	ng	99005	6	15.42	438182	20.0