LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
Data File : BF114898.D
Acq On : 7 Jun 2019 15:30
Operator : HP/JU
Sample : K3218-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1873

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-BF060419.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	5.269	535	541	544	rBV	6174852	6596434	86.72%	9.703%
2	6.304	711	717	720	rBV	6261171	6733415	88.52%	9.904%
3	6.428	733	738	742	rBV	6700237	7074837	93.01%	10.406%
4	6.657	773	777	781	rBV	2008144	1546444	20.33%	2.275%
5	6.816	800	804	807	rBV	6295017	5382404	70.76%	7.917%
6	7.222	867	873	876	rBV	4518321	4399787	57.84%	6.472%
7	7.940	991	995	998	rBV	2171037	1981862	26.06%	2.915%
8	9.016	1173	1178	1181	rBV	8064368	7583055	99.69%	11.154%
9	9.404	1241	1244	1248	rBV	1139323	1016386	13.36%	1.495%
10	9.539	1264	1267	1273	rBV	82875	165293	2.17%	0.243%
11	9.592	1273	1276	1288	rVB2	94110	147616	1.94%	0.217%
12	9.686	1288	1292	1295	rBV	2437885	2230812	29.33%	3.281%
13	10.469	1420	1425	1428	rBV	5327718	5153662	67.75%	7.580%
14	11.157	1538	1542	1546	rBV	2793981	2413727	31.73%	3.550%
15	11.704	1630	1635	1644	rBV	943377	1044127	13.73%	1.536%
16	12.486	1765	1768	1780	rBV	267754	333090	4.38%	0.490%
17	12.745	1807	1812	1815	rBV	7314829	7606368	100.00%	11.188%
18	13.651	1963	1966	1977	rBV	766710	940136	12.36%	1.383%
19	13.792	1985	1990	1997	rBV	1996599	1973313	25.94%	2.902%
20	13.992	2021	2024	2028	rBV	144142	143561	1.89%	0.211%
21	14.316	2076	2079	2085	rBV	228204	234206	3.08%	0.344%
22	14.633	2129	2133	2140	rBV	266652	278784	3.67%	0.410%
23	14.951	2183	2187	2194	rBV	248611	280361	3.69%	0.412%
24	15.227	2229	2234	2240	rBV	1620584	1855855	24.40%	2.730%
25	15.298	2242	2246	2254	rVB	226874	283447	3.73%	0.417%
26	15.686	2308	2312	2316	rBV	180795	261379	3.44%	0.384%
27	15.727	2316	2319	2326	rVB3	87244	141334	1.86%	0.208%
28	16.145	2385	2390	2396	rBV	110334	185228	2.44%	0.272%

Sum of corrected areas: 67986923

LSC Report - Integrated Chromatogram

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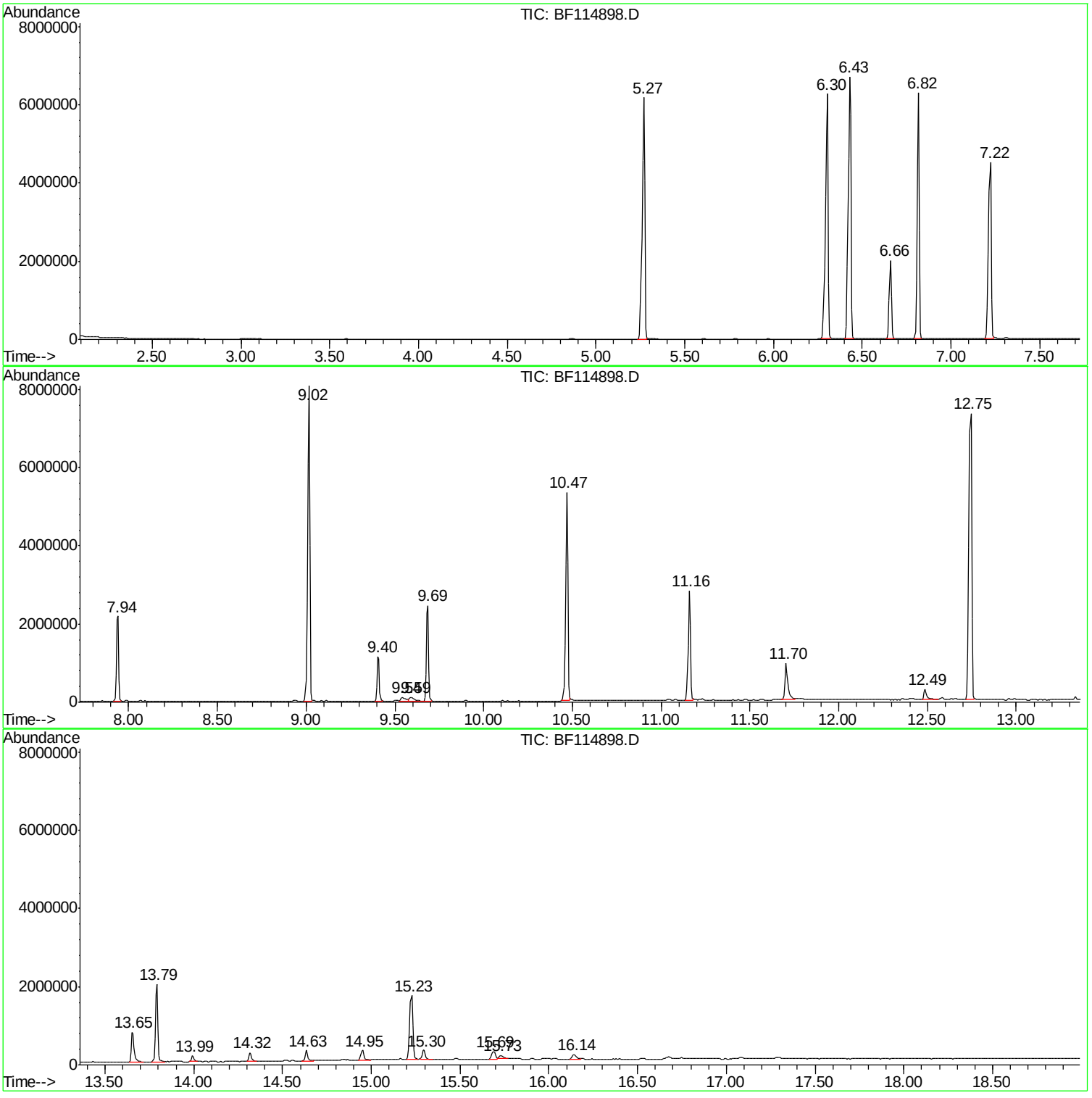
Data File : BF114898.D
Acq On : 7 Jun 2019 15:30
Operator : HP/JU
Sample : K3218-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1873

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
Data File : BF114898.D
Acq On : 7 Jun 2019 15:30
Operator : HP/JU
Sample : K3218-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1873

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

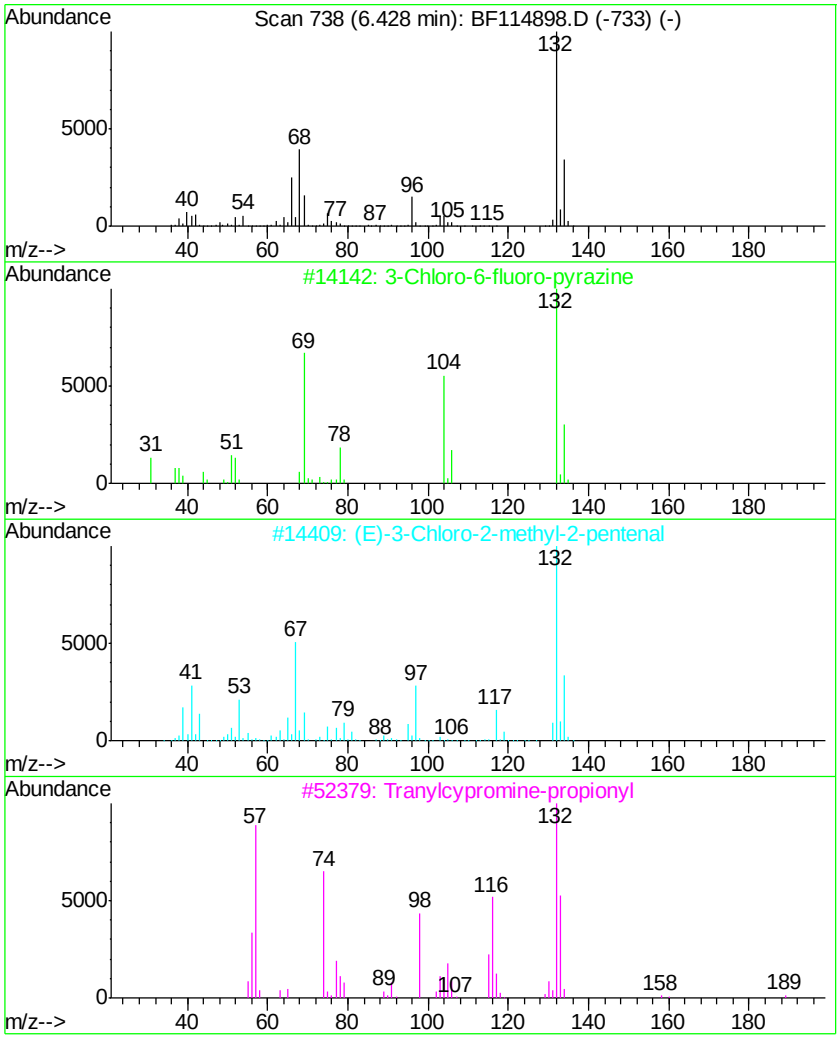
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

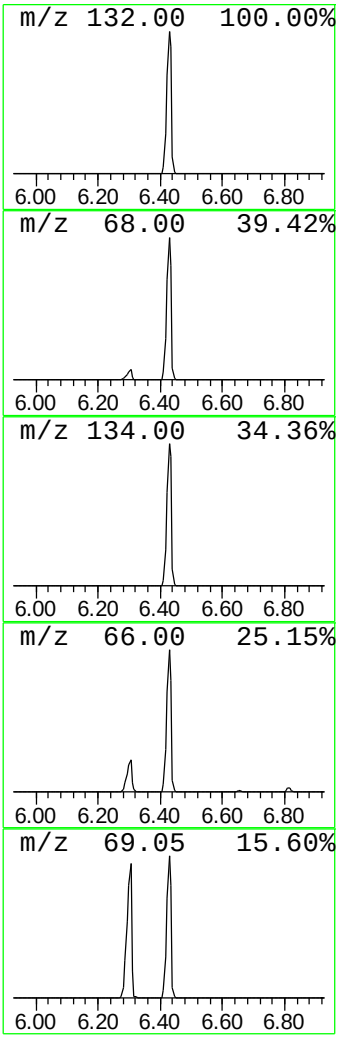
****

Peak Number 1 unknown6.43 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	91.50 ng	7074840	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
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Acq On : 7 Jun 2019 15:30
Operator : HP/JU
Sample : K3218-07
Misc :
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Instrument : BNA_F
ClientSampleId : RT-1873

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.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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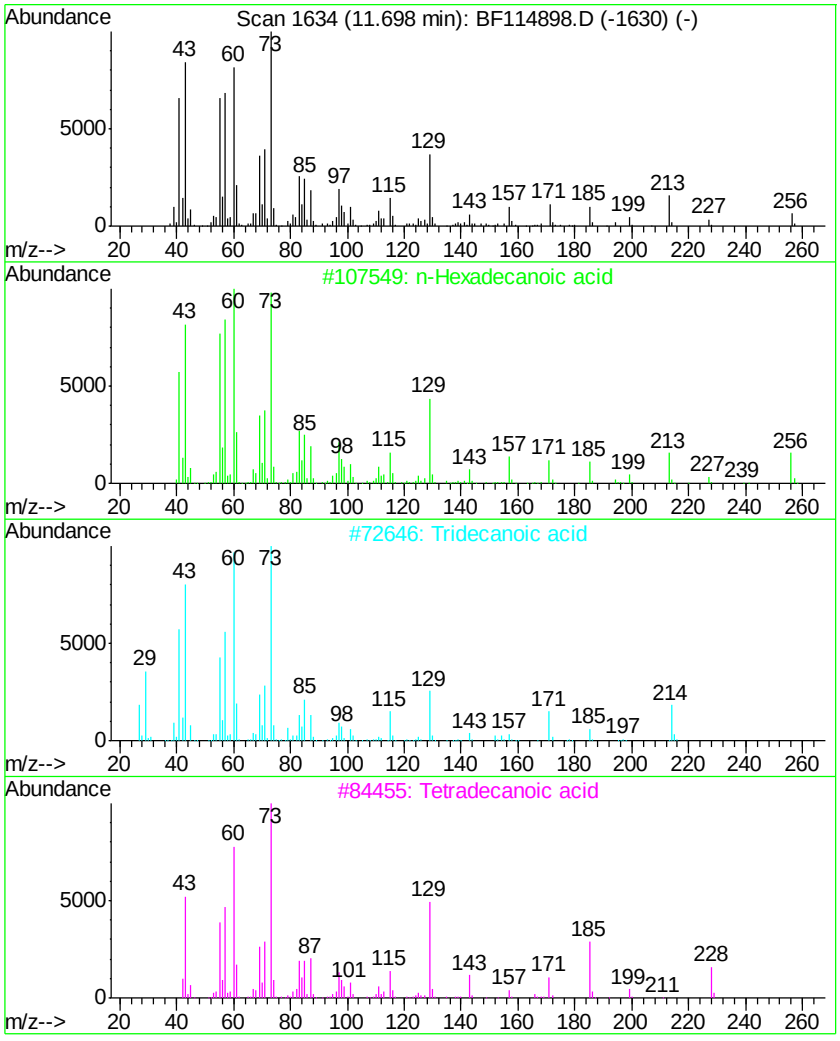
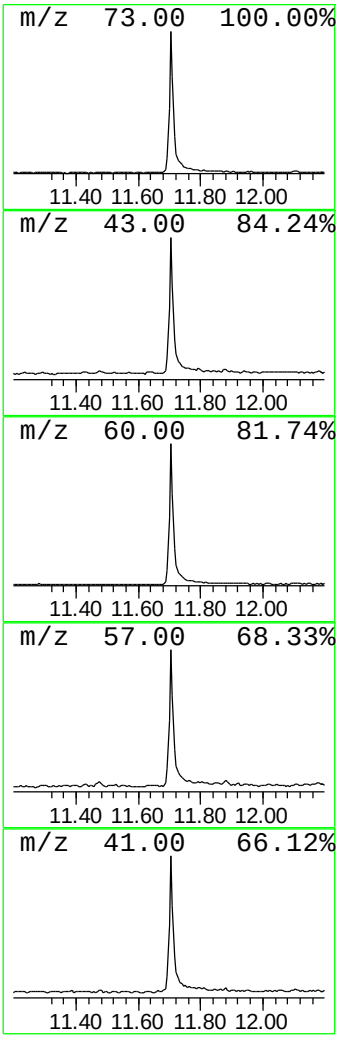
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	8.65 ng	1044130	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
Data File : BF114898.D
Acq On : 7 Jun 2019 15:30
Operator : HP/JU
Sample : K3218-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1873

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.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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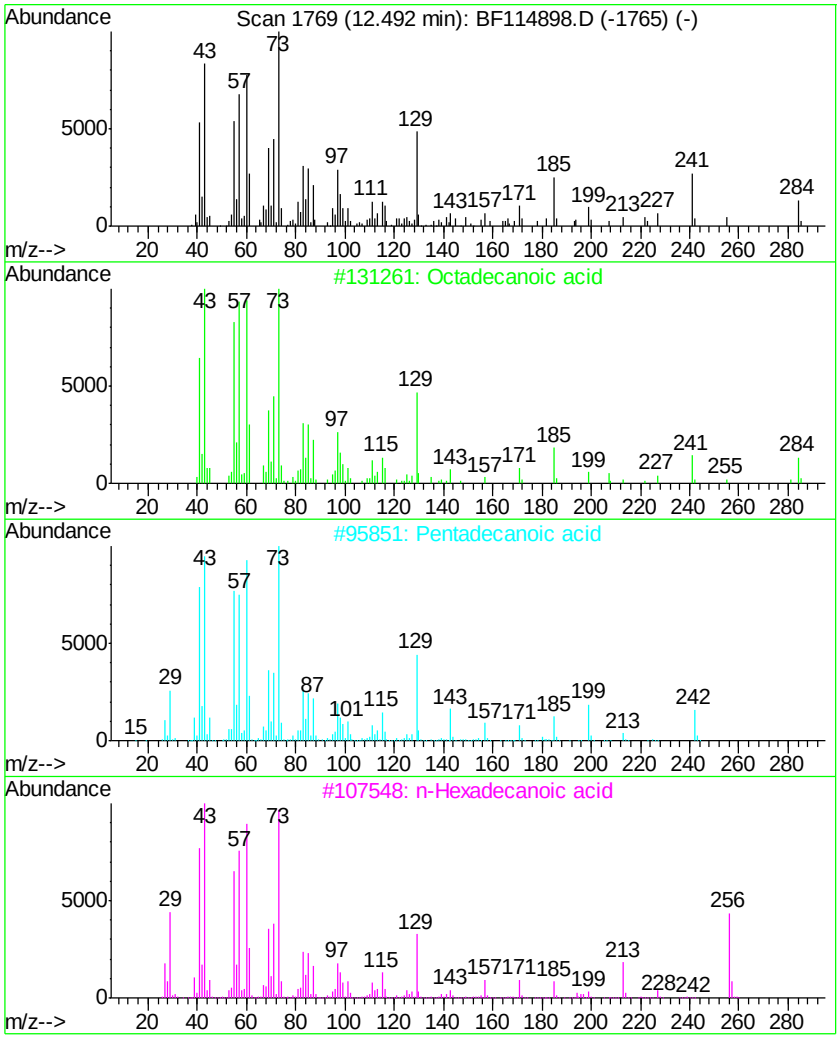
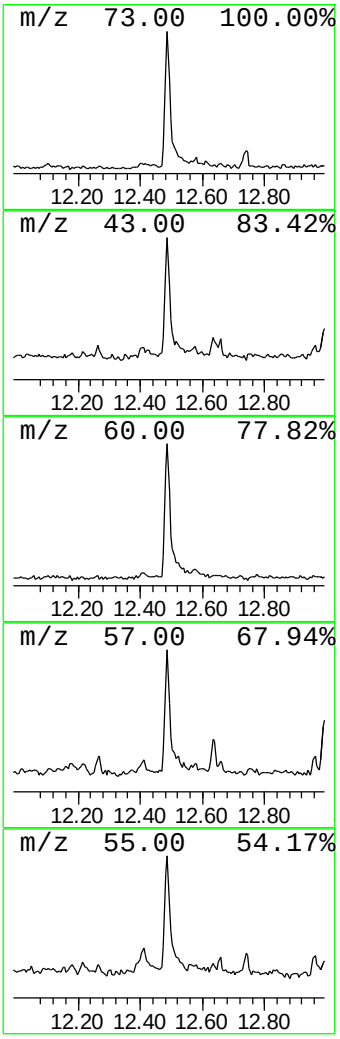
Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	3.38 ng	333090	Chrysene-d12	13.79

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	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4	n-Decanoic acid	172	C10H20O2	000334-48-5	78
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
Data File : BF114898.D
Acq On : 7 Jun 2019 15:30
Operator : HP/JU
Sample : K3218-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1873

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

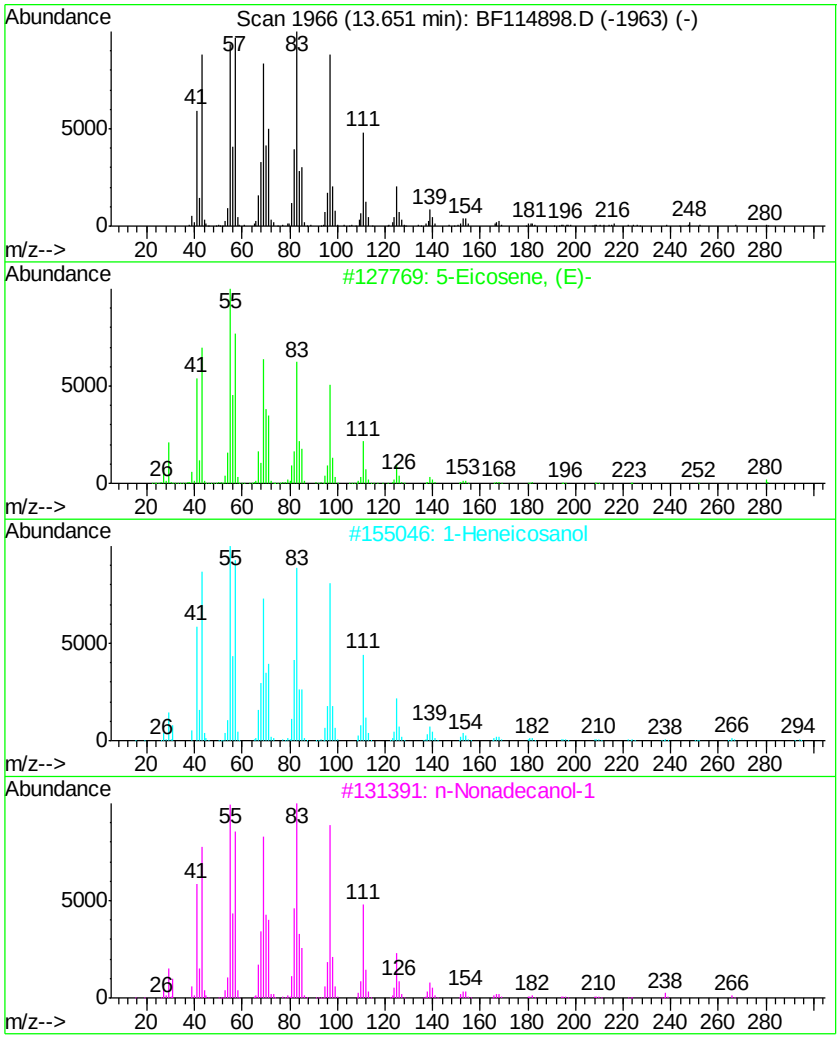
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

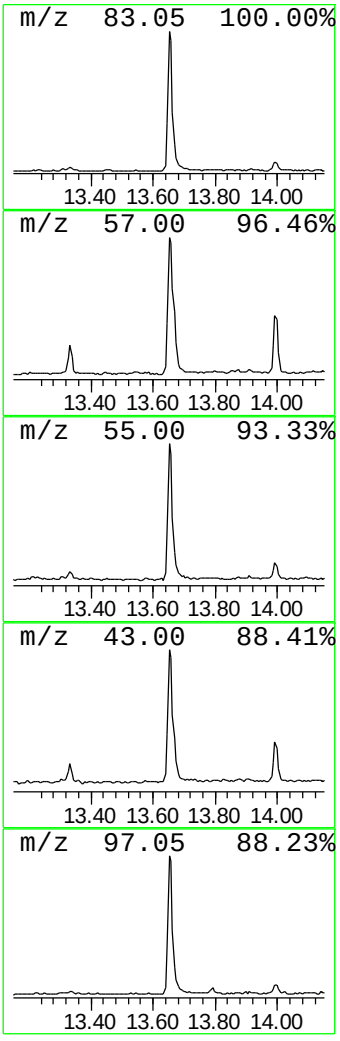
****

Peak Number 5 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	9.53 ng	940136	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
Data File : BF114898.D
Acq On : 7 Jun 2019 15:30
Operator : HP/JU
Sample : K3218-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1873

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.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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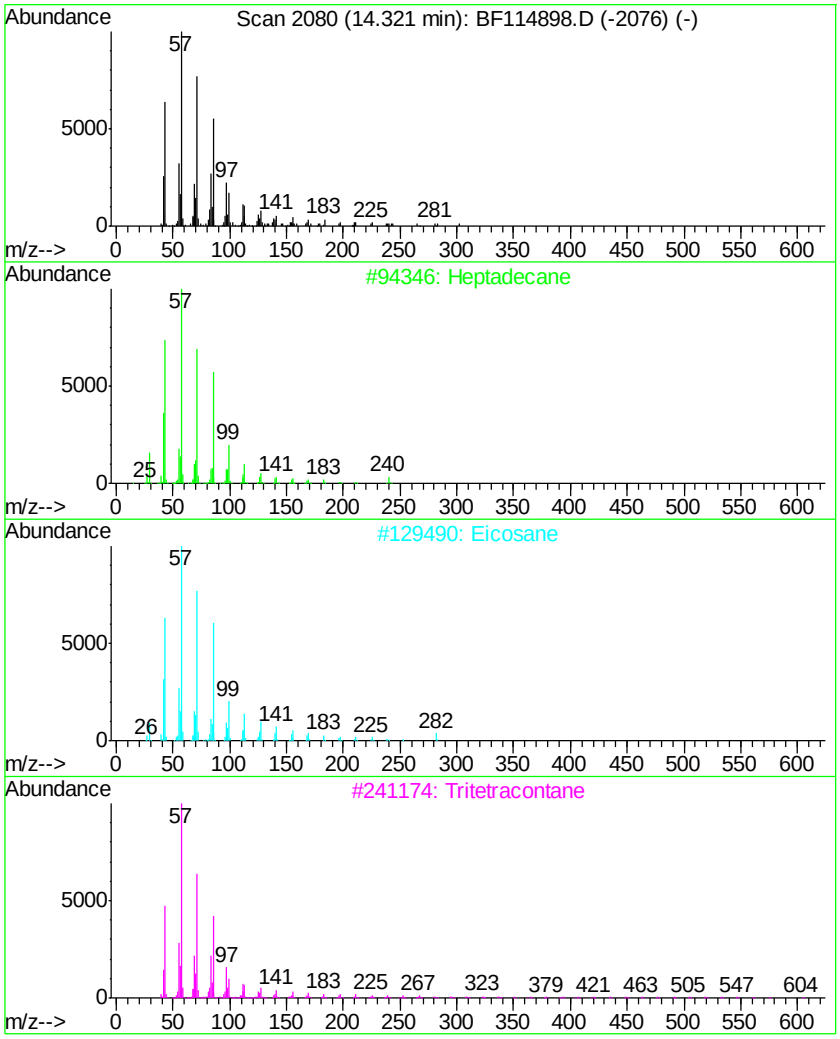
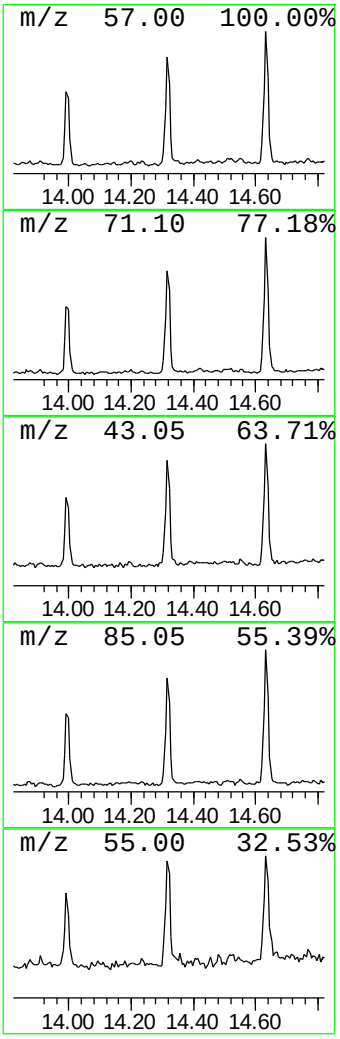
Peak Number 6 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	2.37 ng	234206	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Eicosane	282	C20H42	000112-95-8	95
3	Tritetracontane	605	C43H88	007098-21-7	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
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Sample : K3218-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1873

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.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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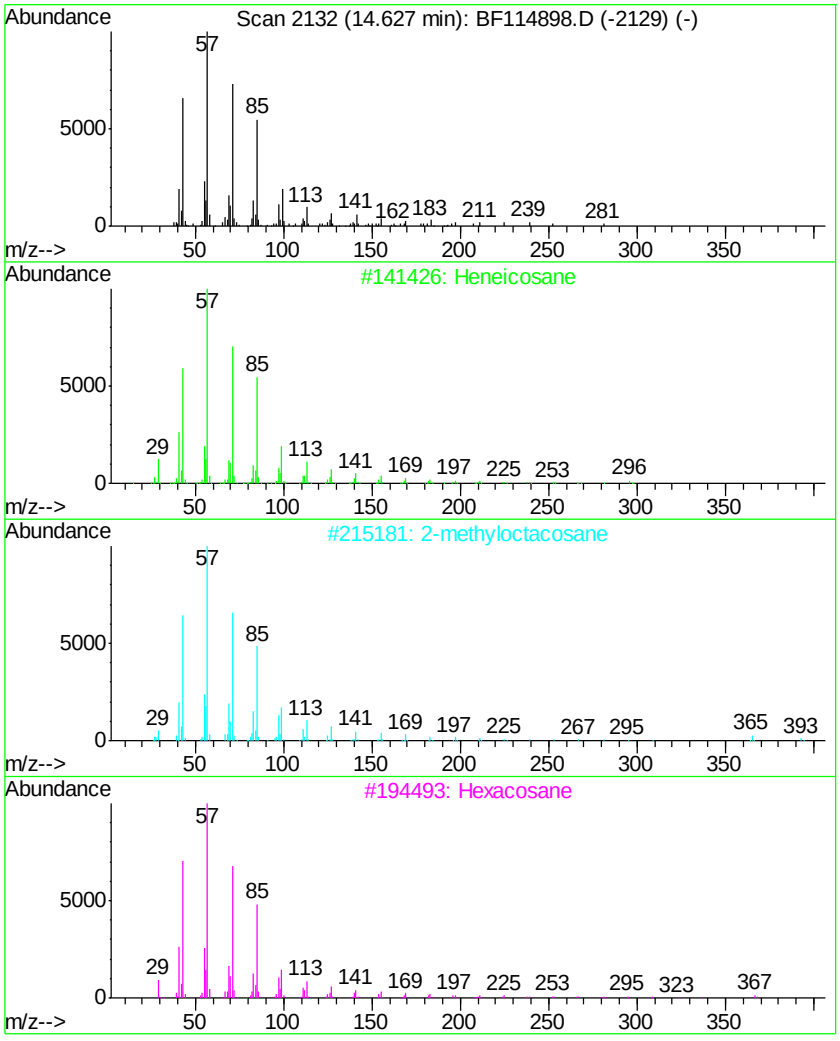
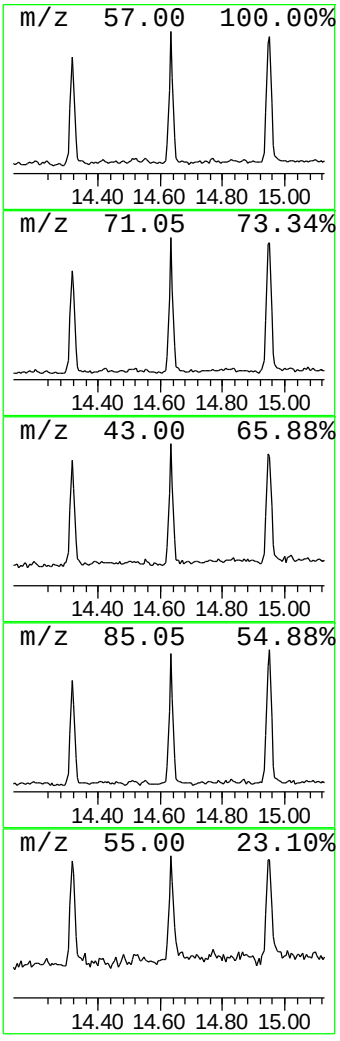
Peak Number 7 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	3.00 ng	278784	Perylene-d12	15.23

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





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ClientSampleId : RT-1873

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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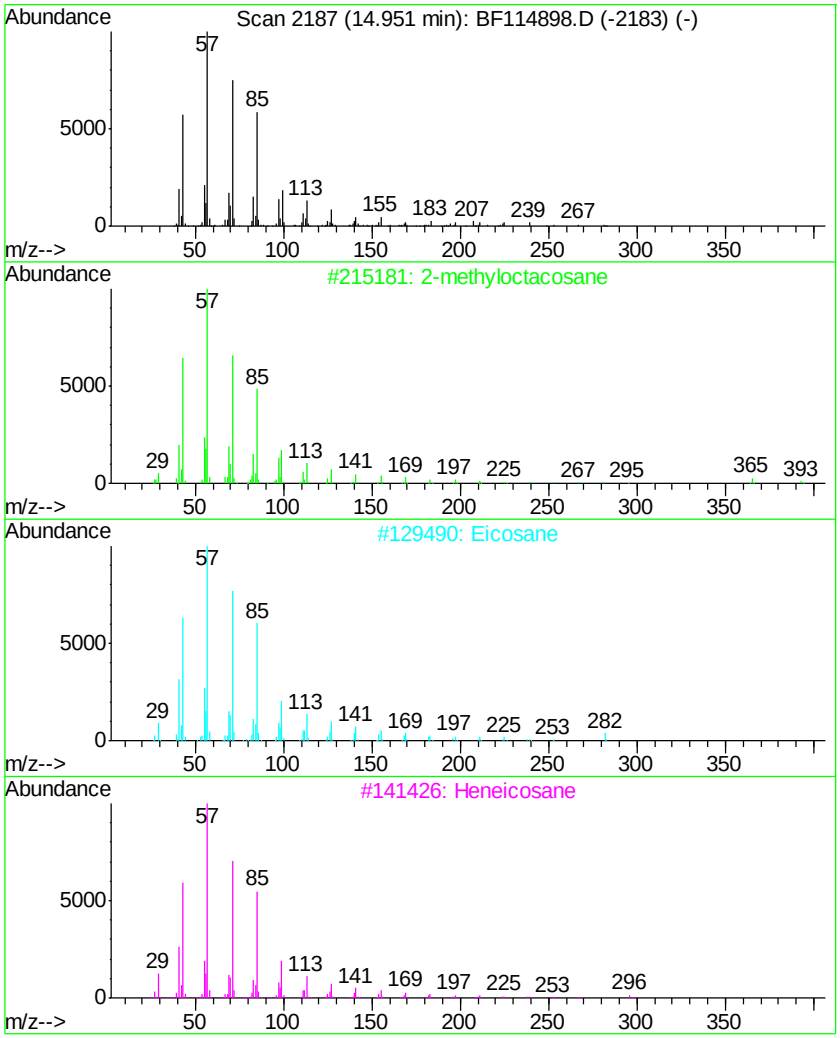
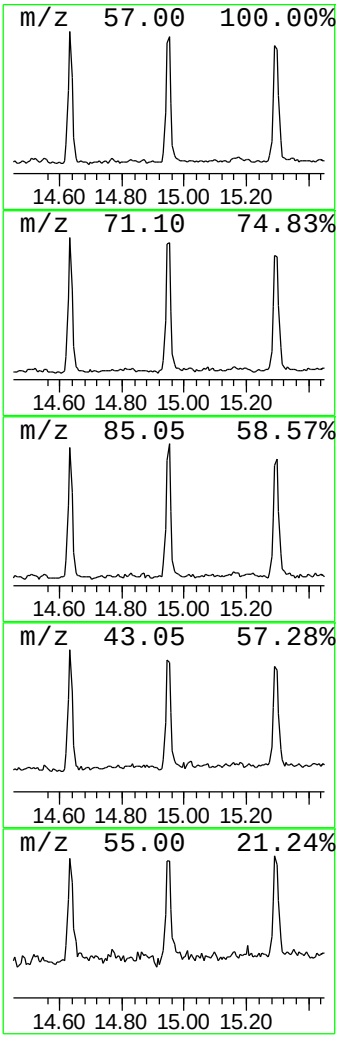
Peak Number 8 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	3.02 ng	280361	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Docosane	310	C22H46	000629-97-0	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
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Instrument : BNA_F
ClientSampleId : RT-1873

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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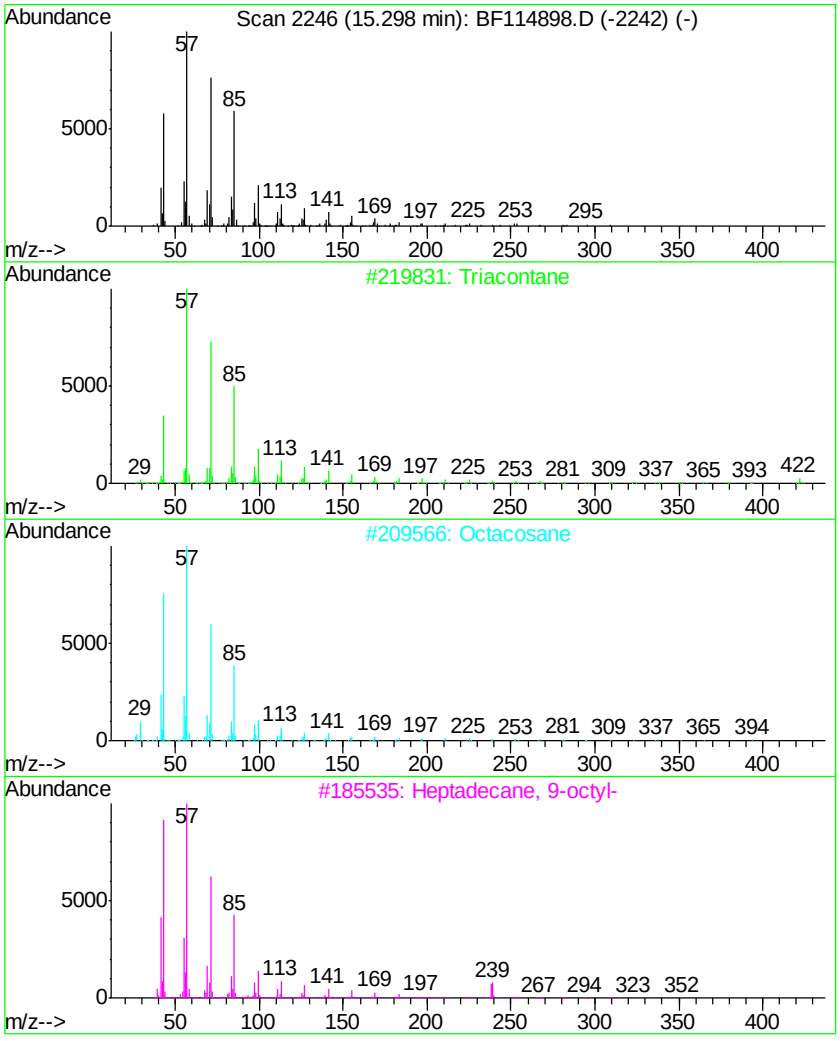
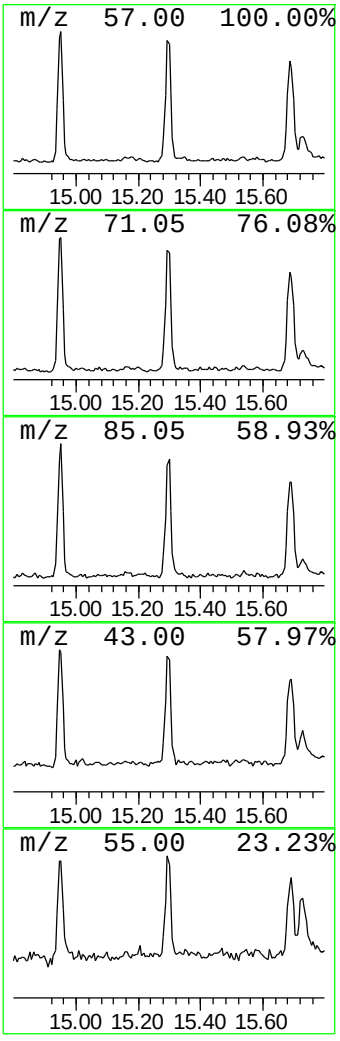
Peak Number 9 Triacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	3.05 ng	283447	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	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	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Library Search Compound Report

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Acq On : 7 Jun 2019 15:30
Operator : HP/JU
Sample : K3218-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1873

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

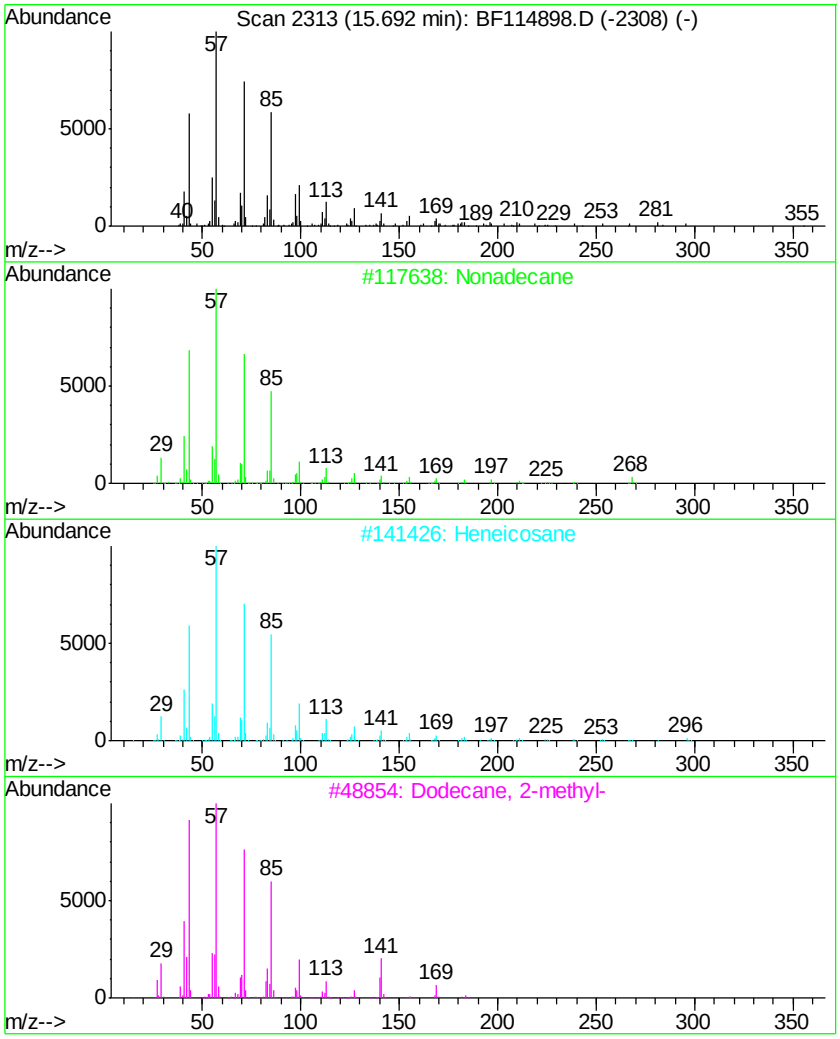
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

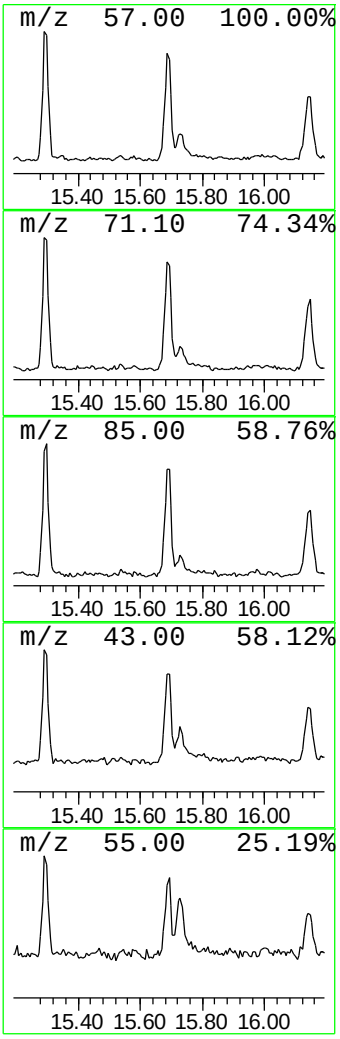
****

Peak Number 10 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	2.82 ng	261379	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Heneicosane	296	C21H44	000629-94-7	90
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
4	Tetracosane	338	C24H50	000646-31-1	87
5	Eicosane	282	C20H42	000112-95-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060719\
Data File : BF114898.D
Acq On : 7 Jun 2019 15:30
Operator : HP/JU
Sample : K3218-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1873

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.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
unknown6.43	6.43	91.5	ng	7074840	1	6.66	1546440	20.0
n-Hexadecanoic acid	11.70	8.7	ng	1044130	4	11.16	2413730	20.0
Octadecanoic acid	12.49	3.4	ng	333090	5	13.79	1973310	20.0
5-Eicosene, (E)-	13.65	9.5	ng	940136	5	13.79	1973310	20.0
Heptadecane	14.32	2.4	ng	234206	5	13.79	1973310	20.0
Heneicosane	14.63	3.0	ng	278784	6	15.23	1855860	20.0
2-methyloctacosane	14.95	3.0	ng	280361	6	15.23	1855860	20.0
Triacontane	15.30	3.0	ng	283447	6	15.23	1855860	20.0
Nonadecane	15.69	2.8	ng	261379	6	15.23	1855860	20.0