LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
Data File : BF117244.D
Acq On : 25 Sep 2019 17:04
Operator : JU
Sample : K5021-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1488-RBR200031-RBR200036

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	5.440	566	570	585	rBV	715855	708885	81.88%	9.416%
2	6.457	738	743	761	rBV	748028	838009	96.80%	11.131%
3	6.587	761	765	772	rVV	951662	836055	96.57%	11.105%
4	6.810	800	803	813	rBV	250470	232036	26.80%	3.082%
5	6.969	826	830	846	rBV	671408	584554	67.52%	7.765%
6	7.375	895	899	916	rBV	456074	482146	55.69%	6.404%
7	8.092	1017	1021	1037	rBV	235961	298898	34.53%	3.970%
8	9.169	1200	1204	1220	rBV	978442	865727	100.00%	11.499%
9	9.563	1268	1271	1282	rVB	74018	83282	9.62%	1.106%
10	9.845	1316	1319	1331	rBV	348689	351807	40.64%	4.673%
11	10.639	1450	1454	1470	rBV	462787	492746	56.92%	6.545%
12	11.333	1568	1572	1583	rBV	302834	342162	39.52%	4.545%
13	12.551	1776	1779	1789	rBB	43628	42394	4.90%	0.563%
14	12.780	1813	1818	1825	rBB	36001	41088	4.75%	0.546%
15	12.916	1837	1841	1852	rVB	755125	668504	77.22%	8.880%
16	13.857	1995	2001	2002	rBV5	9404	16163	1.87%	0.215%
17	13.974	2017	2021	2031	rVB	192979	220324	25.45%	2.927%
18	14.127	2043	2047	2051	rVB	12457	11494	1.33%	0.153%
19	14.427	2092	2098	2102	rBV2	21844	23210	2.68%	0.308%
20	14.733	2145	2150	2154	rBV	25797	28593	3.30%	0.380%
21	15.015	2193	2198	2201	rBV2	10032	15675	1.81%	0.208%
22	15.057	2201	2205	2212	rVB2	33794	43340	5.01%	0.576%
23	15.374	2255	2259	2264	rBV	7868	11423	1.32%	0.152%
24	15.433	2264	2269	2278	rVV	145430	204811	23.66%	2.720%
25	15.851	2330	2340	2348	rBV	27705	44437	5.13%	0.590%
26	16.333	2416	2422	2427	rBV3	13188	23955	2.77%	0.318%
27	16.904	2513	2519	2526	rBV5	7735	16821	1.94%	0.223%

Sum of corrected areas: 7528539

LSC Report - Integrated Chromatogram

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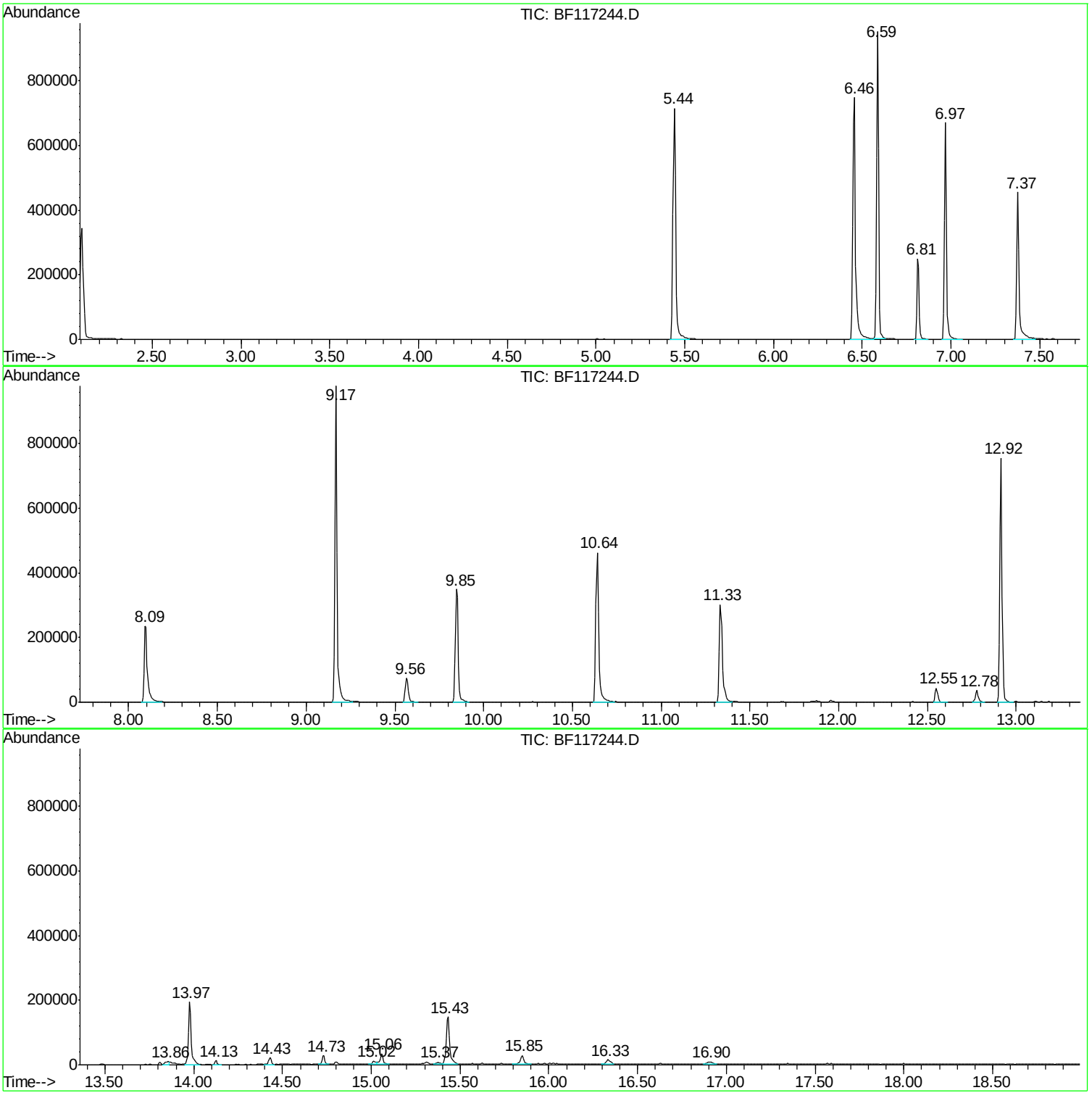
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036

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\BF092519\
Data File : BF117244.D
Acq On : 25 Sep 2019 17:04
Operator : JU
Sample : K5021-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1488-RBR200031-RBR200036

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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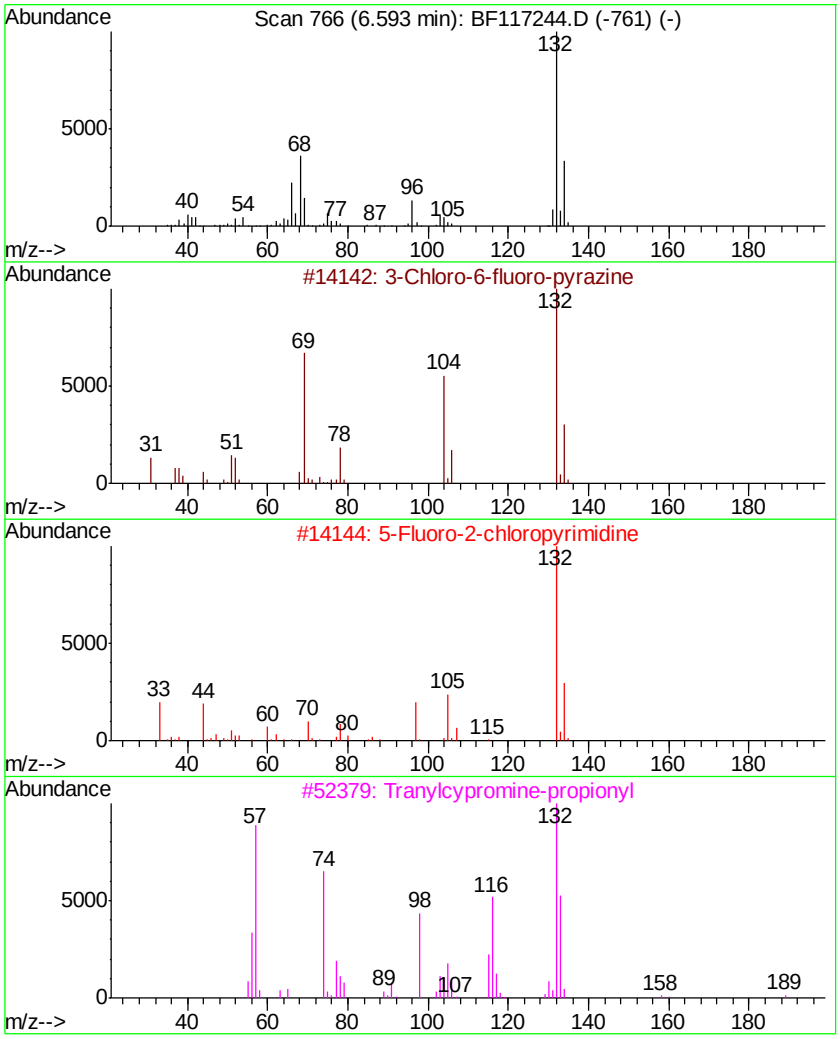
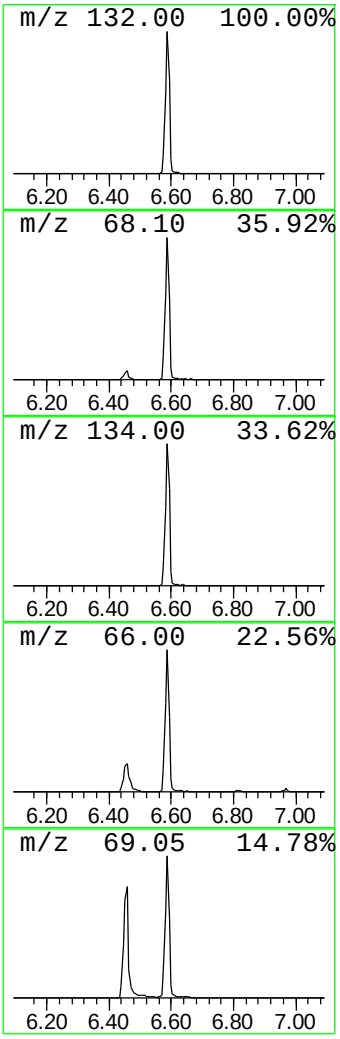
Peak Number 1 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	72.06 ng	836055	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

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Data File : BF117244.D
Acq On : 25 Sep 2019 17:04
Operator : JU
Sample : K5021-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036

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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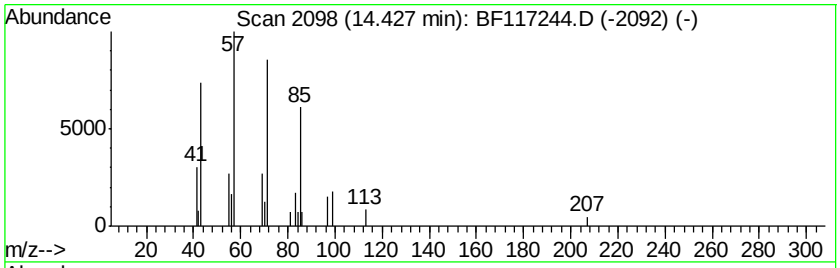
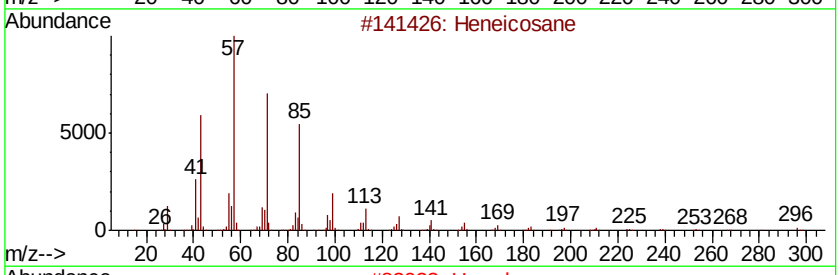
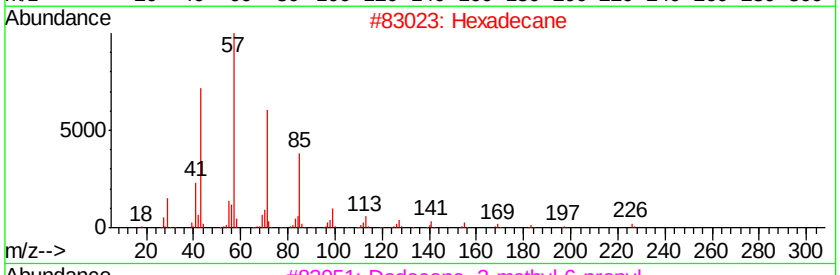
Peak Number 3 Heneicosane Concentration Rank 7

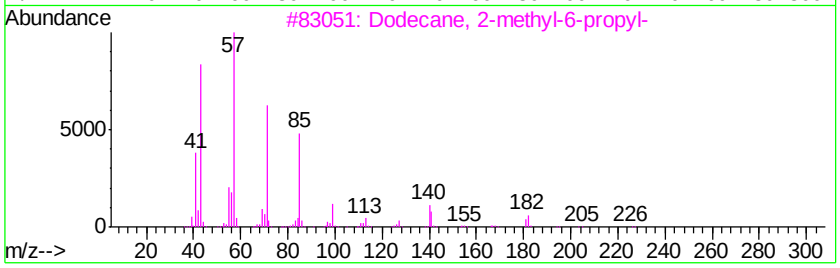
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.11 ng	23210	Chrysene-d12	13.97

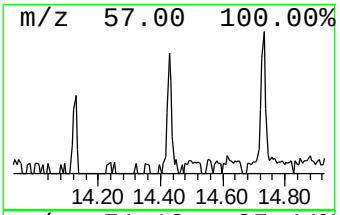
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	78
2	Hexadecane	226	C16H34	000544-76-3	72
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5	Tetratetracontane	619	C44H90	007098-22-8	72

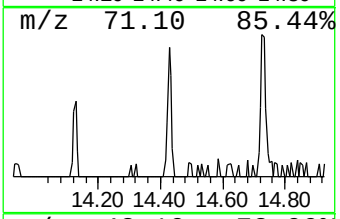


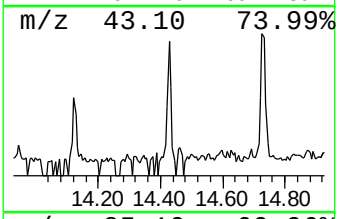


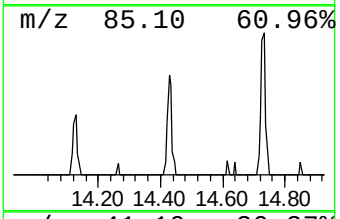


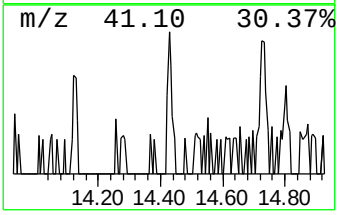












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Data File : BF117244.D
Acq On : 25 Sep 2019 17:04
Operator : JU
Sample : K5021-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1488-RBR200031-RBR200036

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

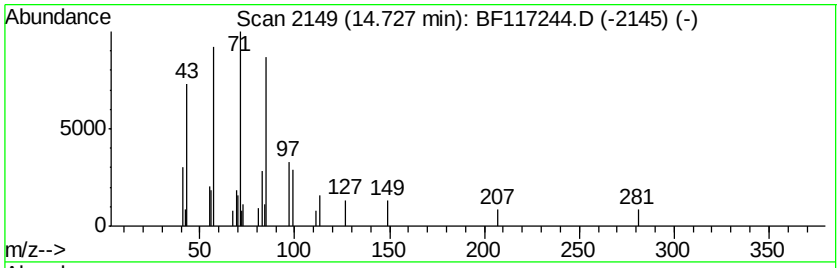
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

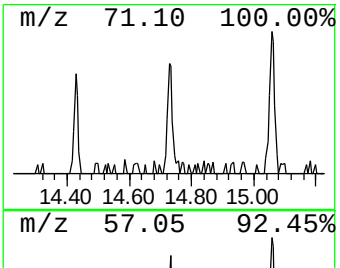
****

Peak Number 4 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.79 ng	28593	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	78
2	Hexacosane	366	C26H54	000630-01-3	72
3	Heneicosane	296	C21H44	000629-94-7	59
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	58





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
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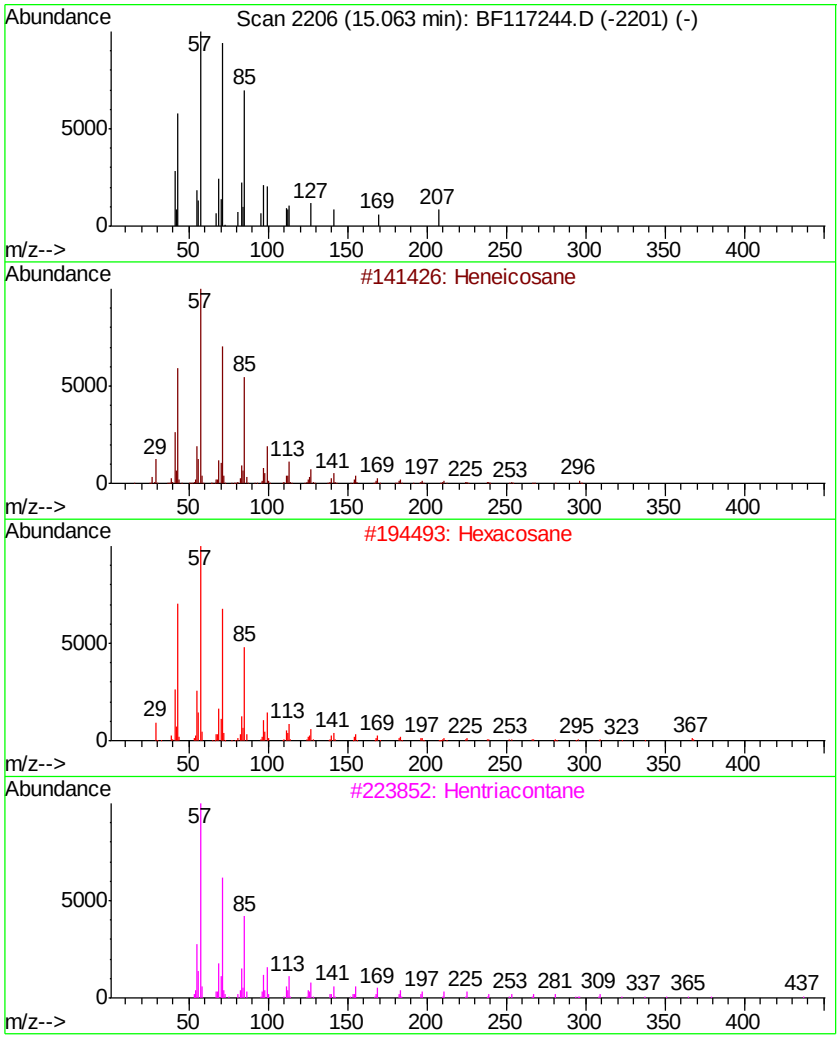
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

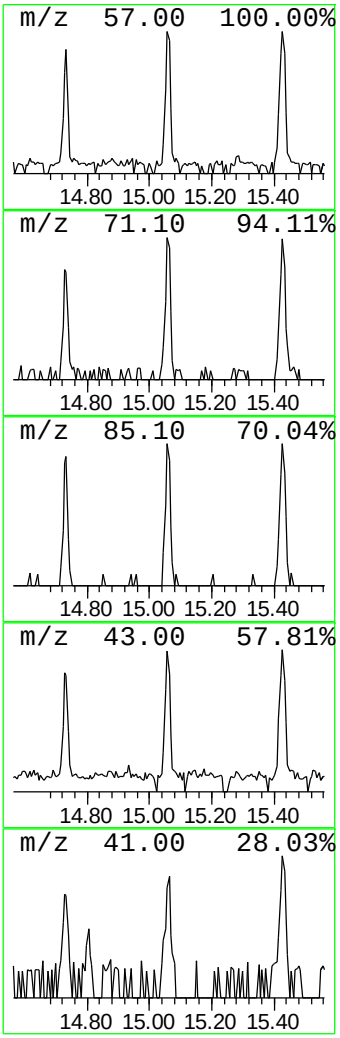
****

Peak Number 5 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	4.23 ng	43340	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexacosane	366	C26H54	000630-01-3	80
3	Hentriacontane	437	C31H64	000630-04-6	80
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	72
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
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Operator : JU
Sample : K5021-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1488-RBR200031-RBR200036

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
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TIC Library : C:\DATABASE\NIST11.L
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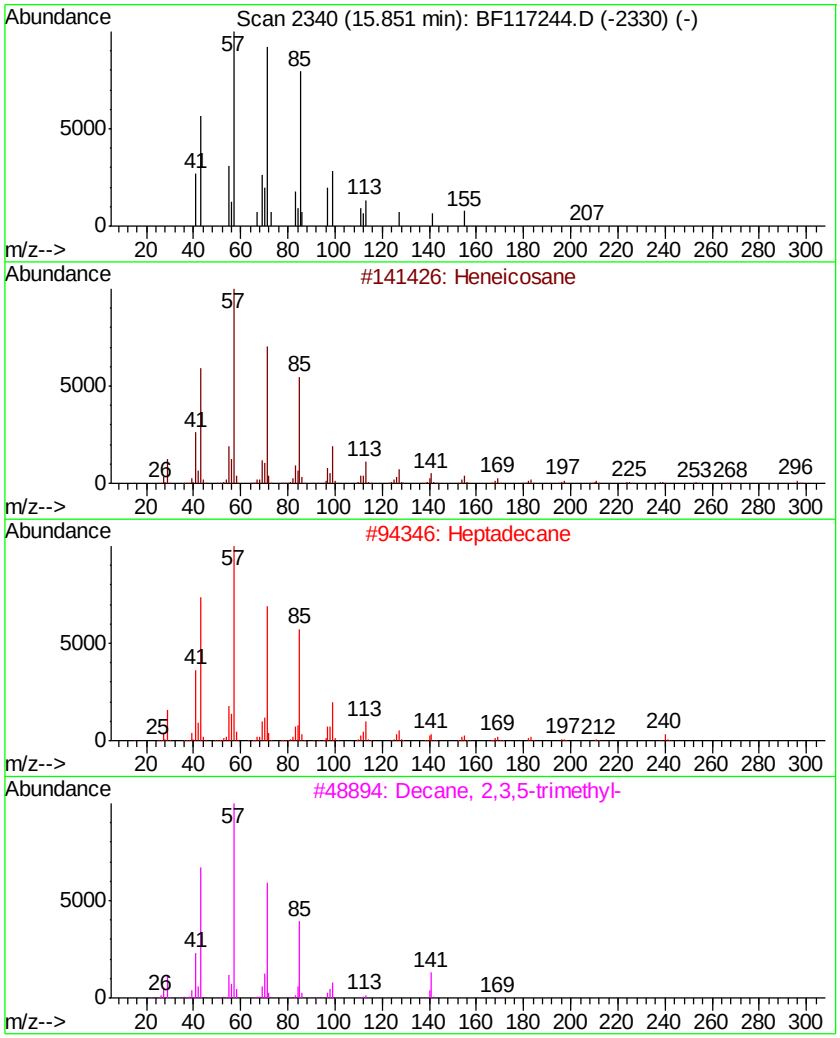
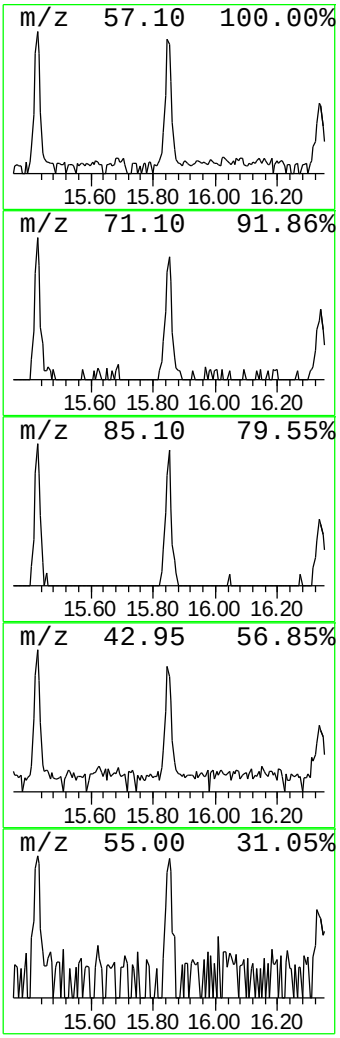
Peak Number 6 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	4.34 ng	44437	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	80
2	Heptadecane	240	C17H36	000629-78-7	72
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
4	Hexacosane	366	C26H54	000630-01-3	64
5	Hexadecane	226	C16H34	000544-76-3	64





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
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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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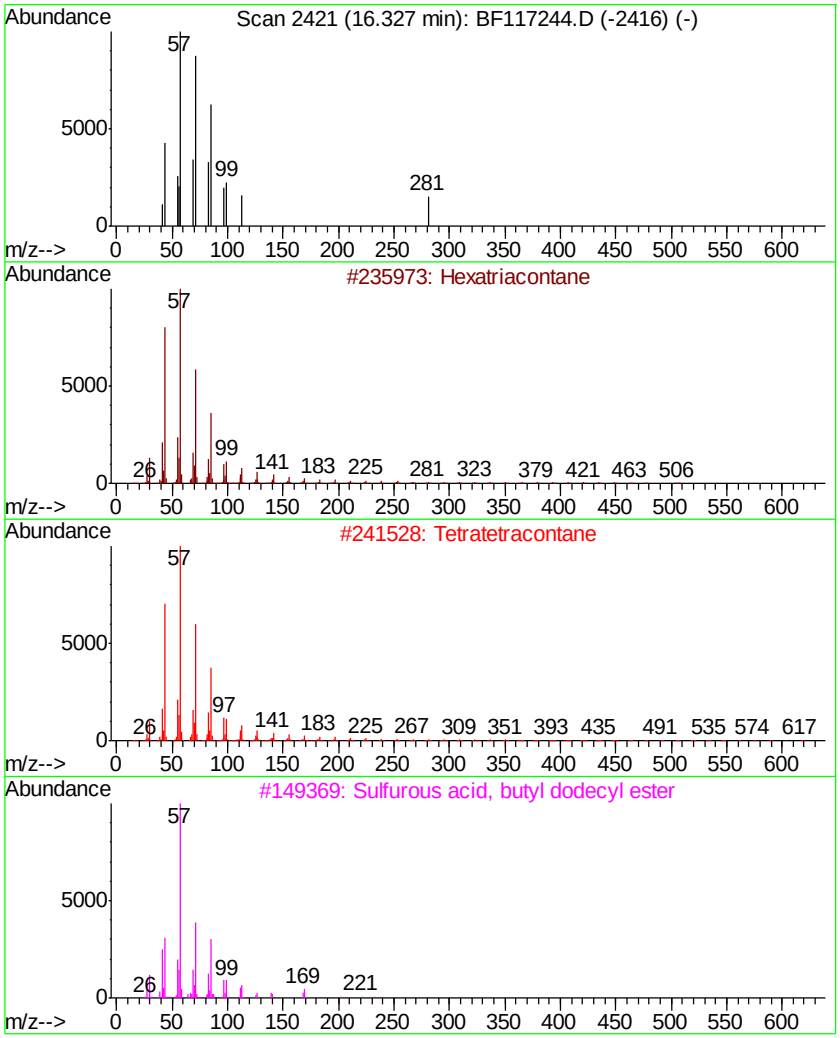
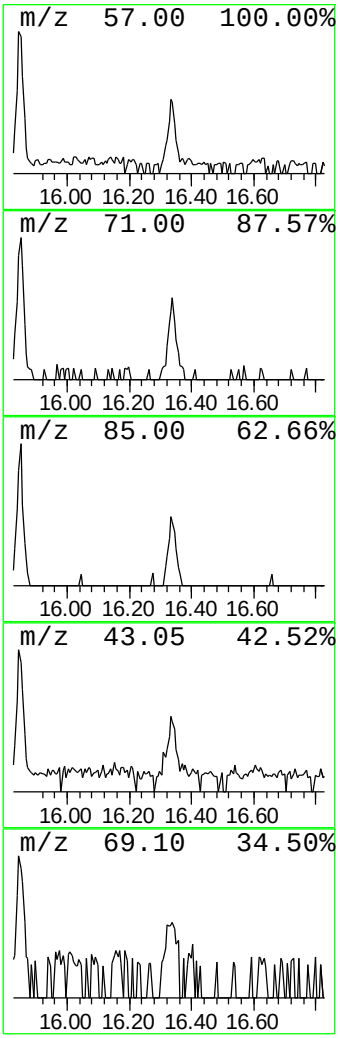
Peak Number 7 Hexatriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	2.34 ng	23955	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	72
2	Tetratetracontane	619	C44H90	007098-22-8	72
3	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	72
4	Pentatriacontane	493	C35H72	000630-07-9	72
5	Heptacosane	380	C27H56	000593-49-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092519\
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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.59	6.59	72.1	ng	836055	1	6.81	232036	20.0
Heneicosane	14.43	2.1	ng	23210	5	13.97	220324	20.0
Hexadecane	14.73	2.8	ng	28593	6	15.43	204811	20.0
Hexacosane	15.06	4.2	ng	43340	6	15.43	204811	20.0
Heptadecane	15.85	4.3	ng	44437	6	15.43	204811	20.0
Hexatriacontane	16.33	2.3	ng	23955	6	15.43	204811	20.0