LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100819\
Data File : BF117343.D
Acq On : 8 Oct 2019 16:31
Operator : JU
Sample : K5238-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-COMP

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	5.010	495	497	508	rBV	11626	17288	1.36%	0.160%
2	5.422	564	567	591	rBV	809251	928343	72.81%	8.572%
3	6.445	737	741	759	rBV	966790	1059885	83.12%	9.786%
4	6.575	759	763	772	rVV	1228536	1072506	84.11%	9.903%
5	6.798	798	801	814	rBV	242905	225451	17.68%	2.082%
6	6.957	824	828	844	rBV	800785	795932	62.42%	7.349%
7	7.363	893	897	921	rBV	550116	656551	51.49%	6.062%
8	8.081	1016	1019	1039	rBV	226695	289663	22.72%	2.675%
9	9.157	1198	1202	1221	rBV	1160479	1208803	94.80%	11.161%
10	9.551	1265	1269	1280	rBV	117446	118298	9.28%	1.092%
11	9.833	1314	1317	1331	rBV	384594	354241	27.78%	3.271%
12	10.627	1448	1452	1468	rBV	599805	660935	51.83%	6.103%
13	11.322	1567	1570	1579	rBV	311297	350758	27.51%	3.239%
14	11.845	1655	1659	1667	rBV	70082	95701	7.51%	0.884%
15	12.545	1774	1778	1784	rBV	12908	18995	1.49%	0.175%
16	12.633	1789	1793	1799	rBV2	52008	78059	6.12%	0.721%
17	12.768	1813	1816	1826	rVB	14970	18429	1.45%	0.170%
18	12.904	1835	1839	1851	rBV	1379162	1275096	100.00%	11.774%
19	13.810	1986	1993	2008	rBV3	83119	188533	14.79%	1.741%
20	13.968	2015	2020	2031	rBV	321572	359376	28.18%	3.318%
21	14.115	2041	2045	2048	rBV	40070	38195	3.00%	0.353%
22	14.415	2093	2096	2100	rBV	80066	76152	5.97%	0.703%
23	14.721	2143	2148	2152	rBV	113553	126503	9.92%	1.168%
24	14.792	2157	2160	2164	rVB2	21683	22927	1.80%	0.212%
25	15.045	2199	2203	2209	rVB	108967	128229	10.06%	1.184%
26	15.421	2261	2267	2277	rBV2	262038	424352	33.28%	3.918%
27	15.833	2331	2337	2344	rBV2	70034	108085	8.48%	0.998%
28	15.939	2347	2355	2360	rBV7	13276	39587	3.10%	0.366%
29	16.321	2413	2420	2429	rBV4	36199	69286	5.43%	0.640%
30	16.886	2510	2516	2520	rBV5	14539	24056	1.89%	0.222%

Sum of corrected areas: 10830215

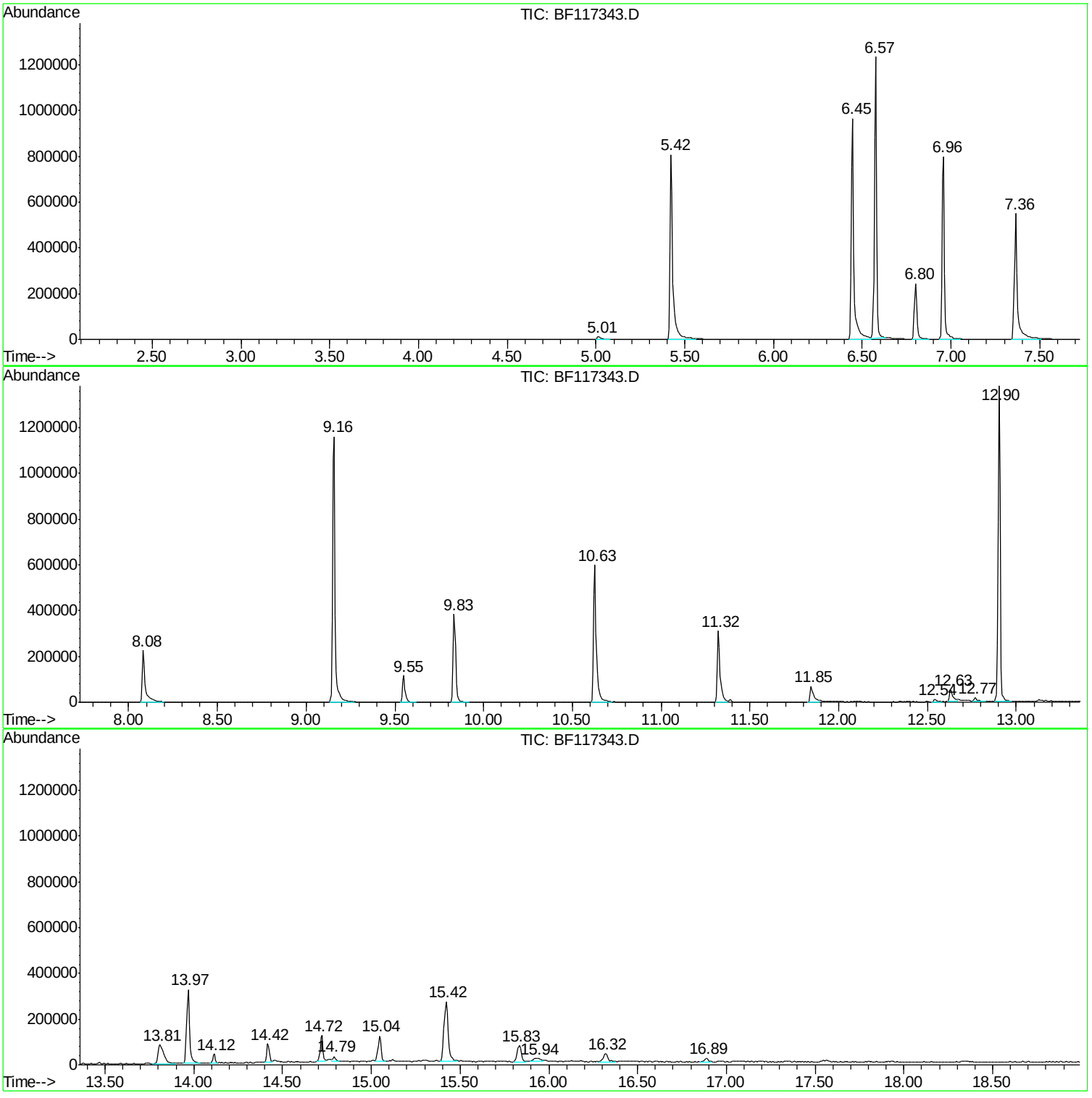
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100819\
Data File : BF117343.D
Acq On : 8 Oct 2019 16:31
Operator : JU
Sample : K5238-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-COMP

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

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Data File : BF117343.D
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TIC Library : C:\DATABASE\NIST11.L
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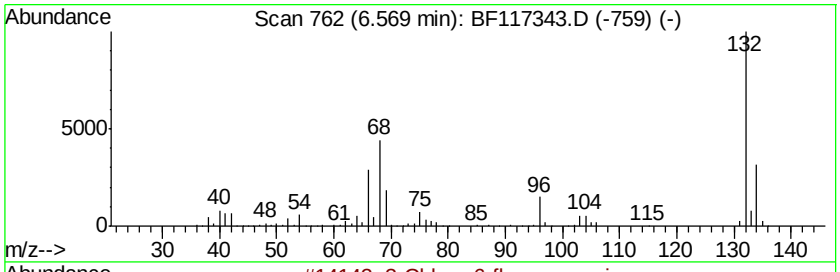
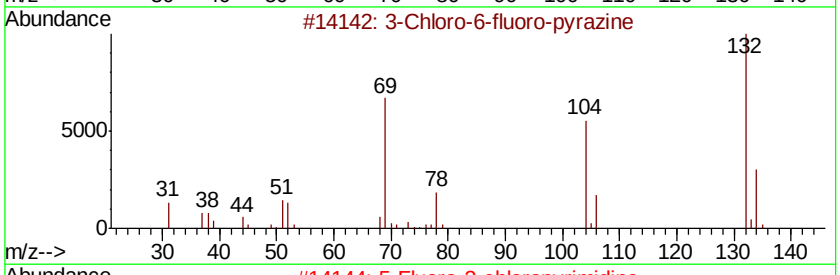
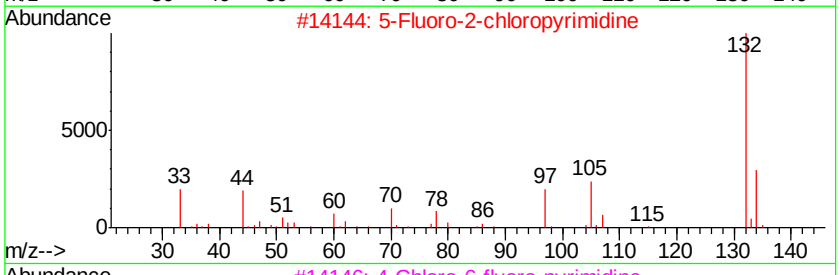
Peak Number 1 unknown6.57 Concentration Rank 1

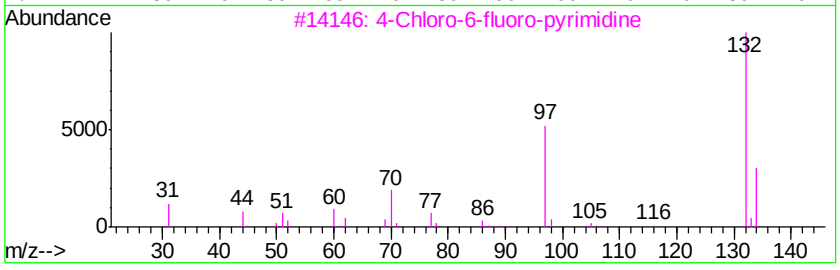
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	95.14 ng	1072510	1,4-Dichlorobenzene-d4	6.80

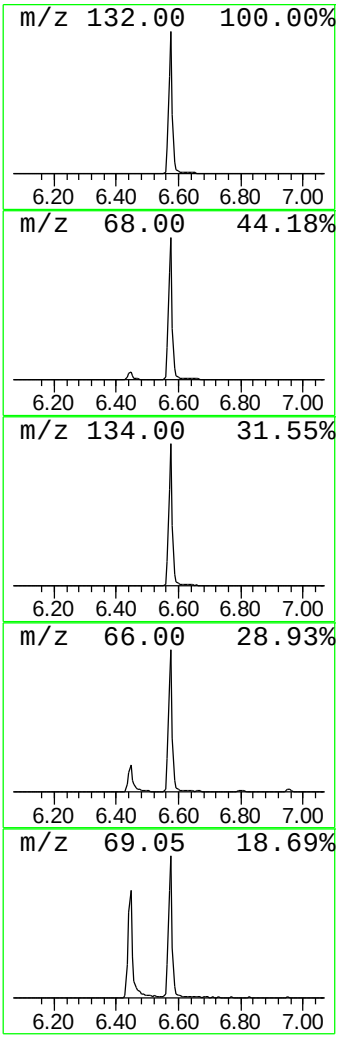
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9











Library Search Compound Report

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Data File : BF117343.D
Acq On : 8 Oct 2019 16:31
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-COMP

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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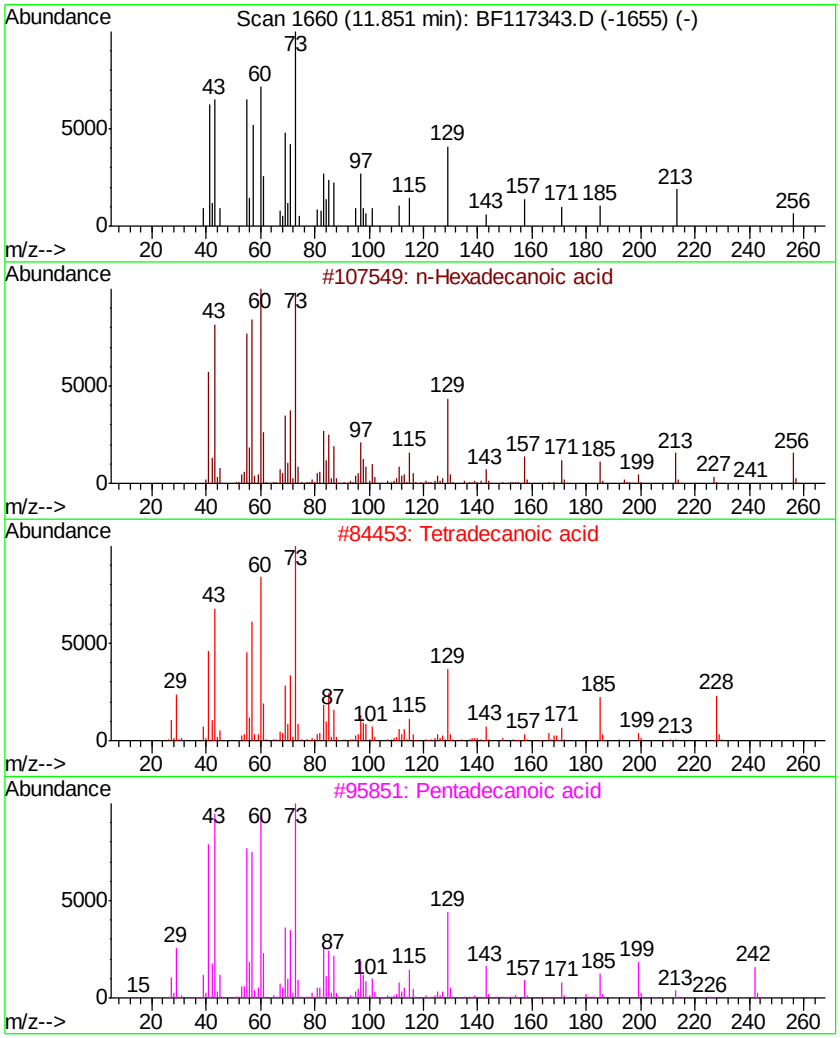
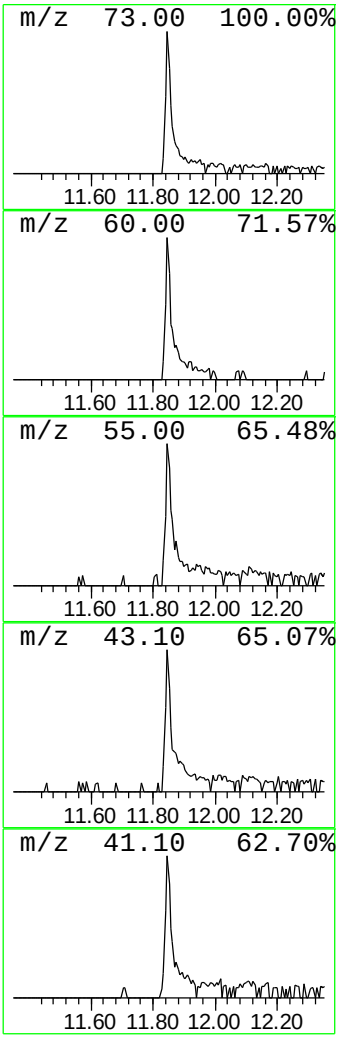
Peak Number 3 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	5.46 ng	95701	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	18
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	18





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Sample : K5238-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-COMP

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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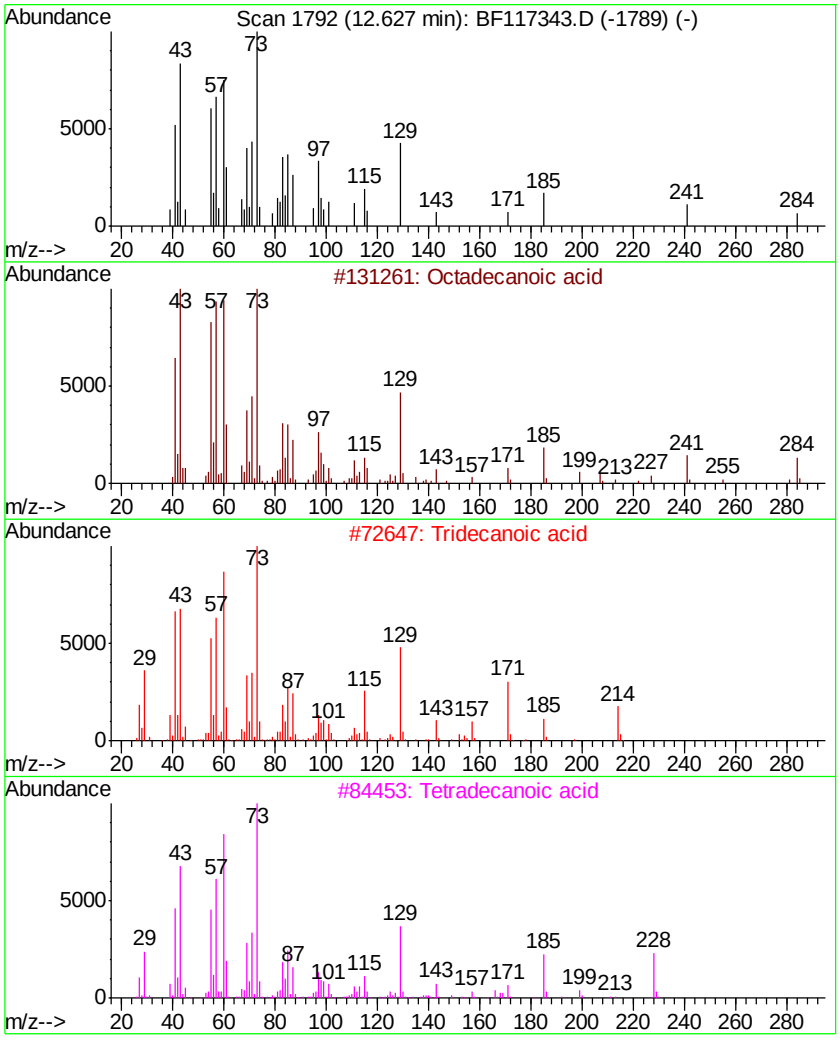
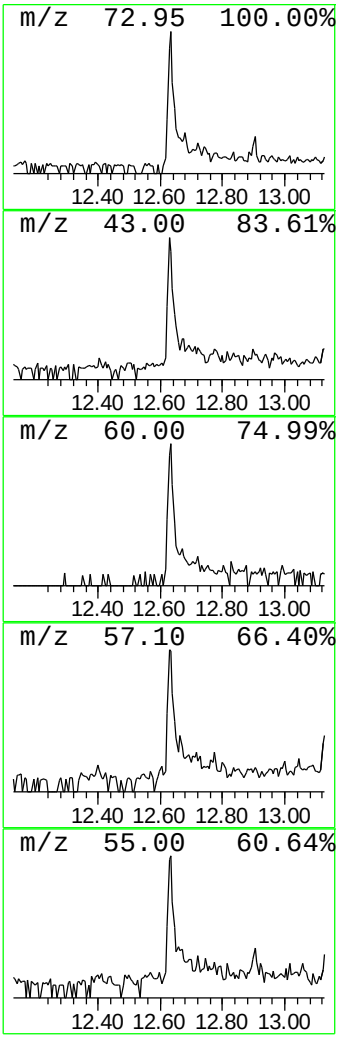
Peak Number 4 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	4.45 ng	78059	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	58
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
4	n-Decanoic acid	172	C10H20O2	000334-48-5	43
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100819\
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Operator : JU
Sample : K5238-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-COMP

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

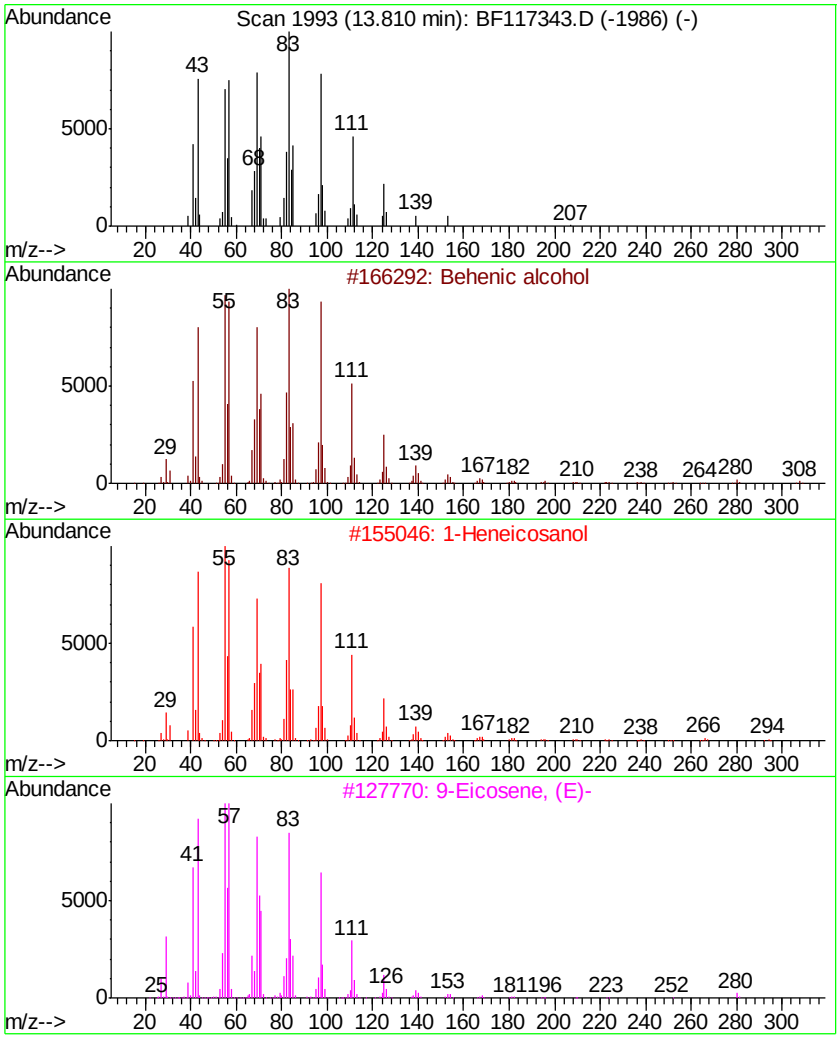
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

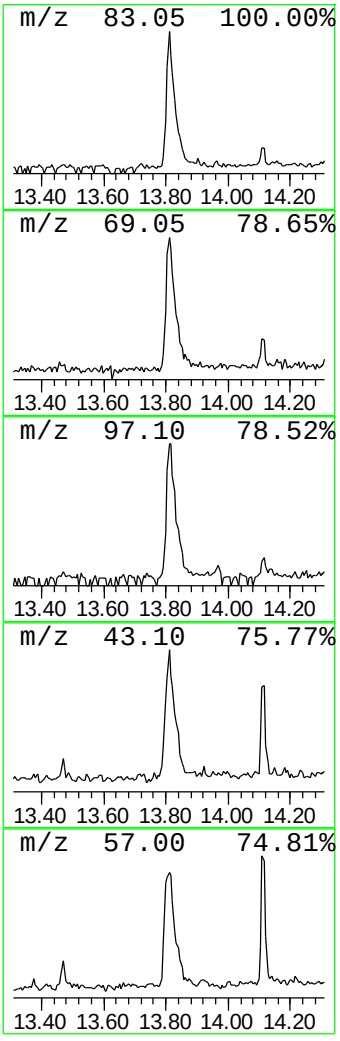
****

Peak Number 5 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	10.49 ng	188533	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	91
2	1-Heneicosanol	312	C21H44O	015594-90-8	91
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	90
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	90





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : TP-COMP

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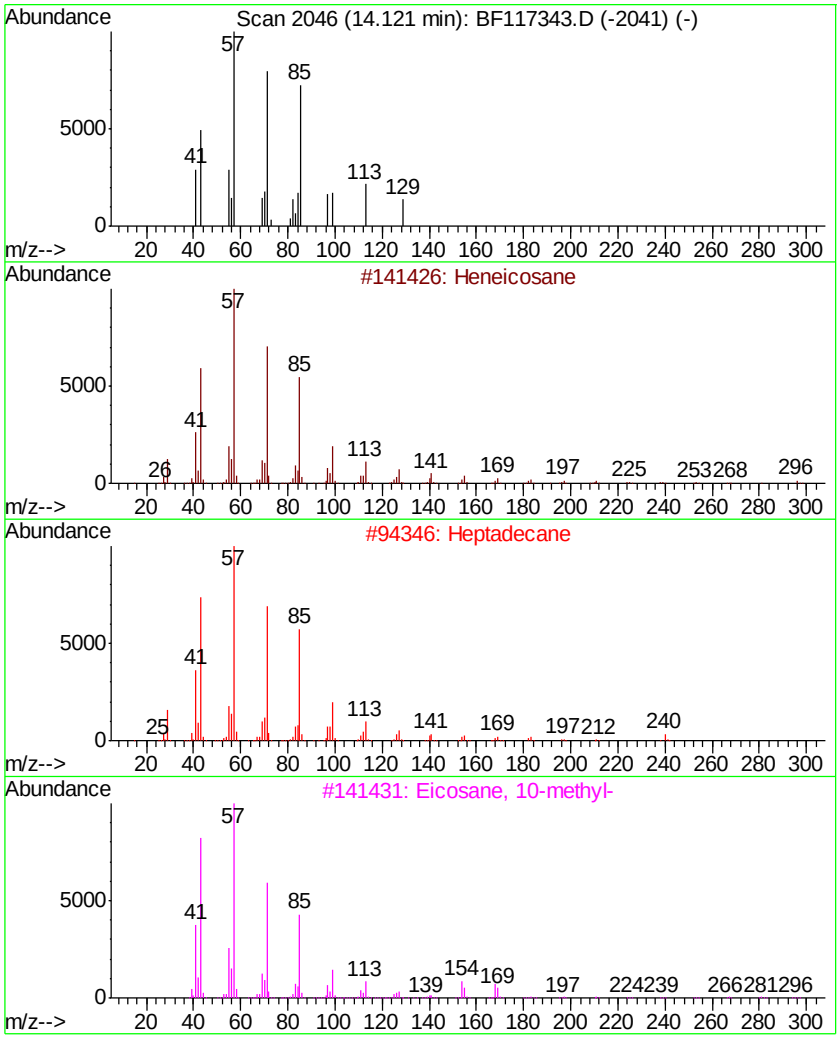
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

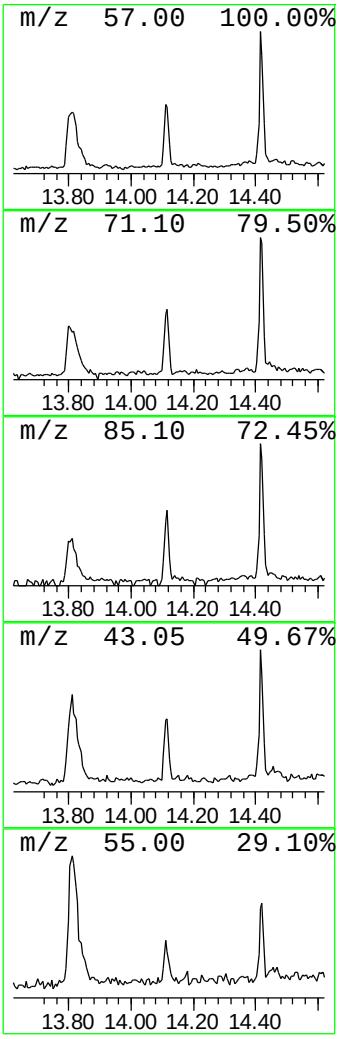
****

Peak Number 6 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	2.13 ng	38195	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	91
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4	10-Methylnonadecane	282	C20H42	056862-62-5	83
5	Octacosane	394	C28H58	000630-02-4	81





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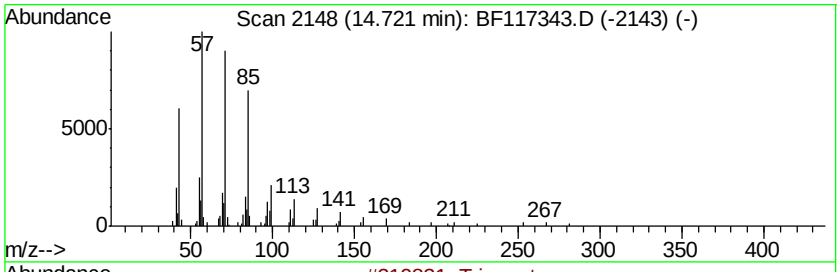
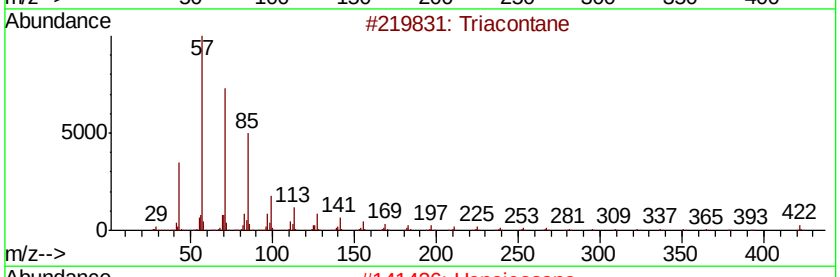
****

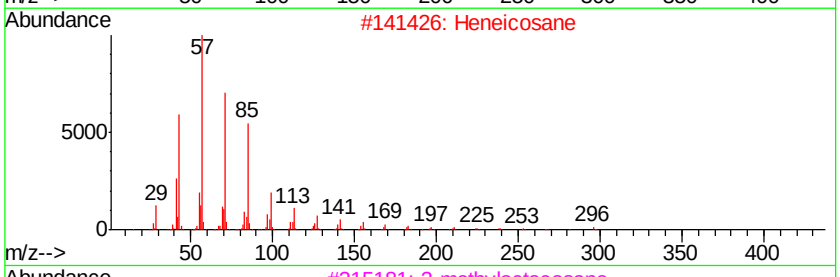
Peak Number 8 Triacontane Concentration Rank 5

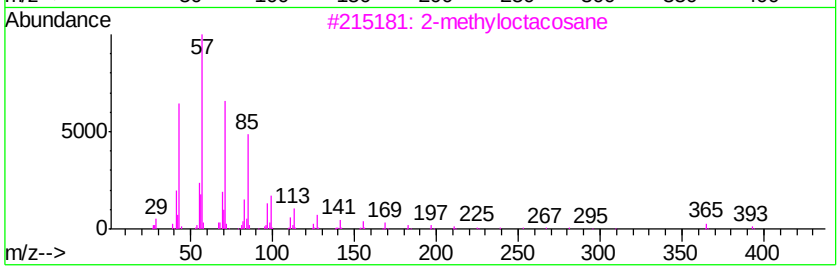
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	5.96 ng	126503	Perylene-d12	15.42

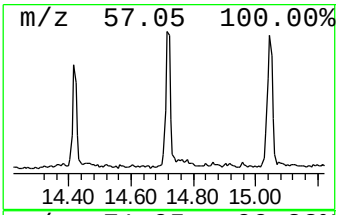
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87

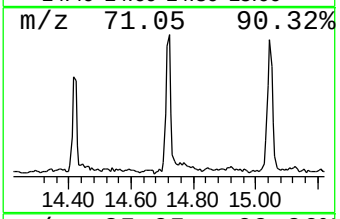


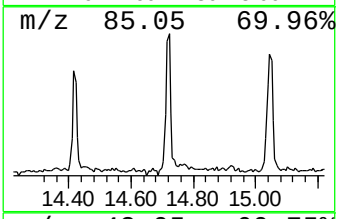


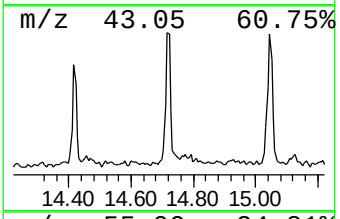


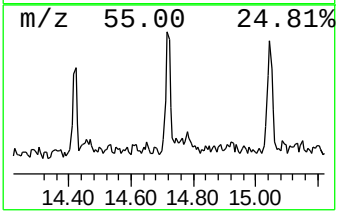












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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

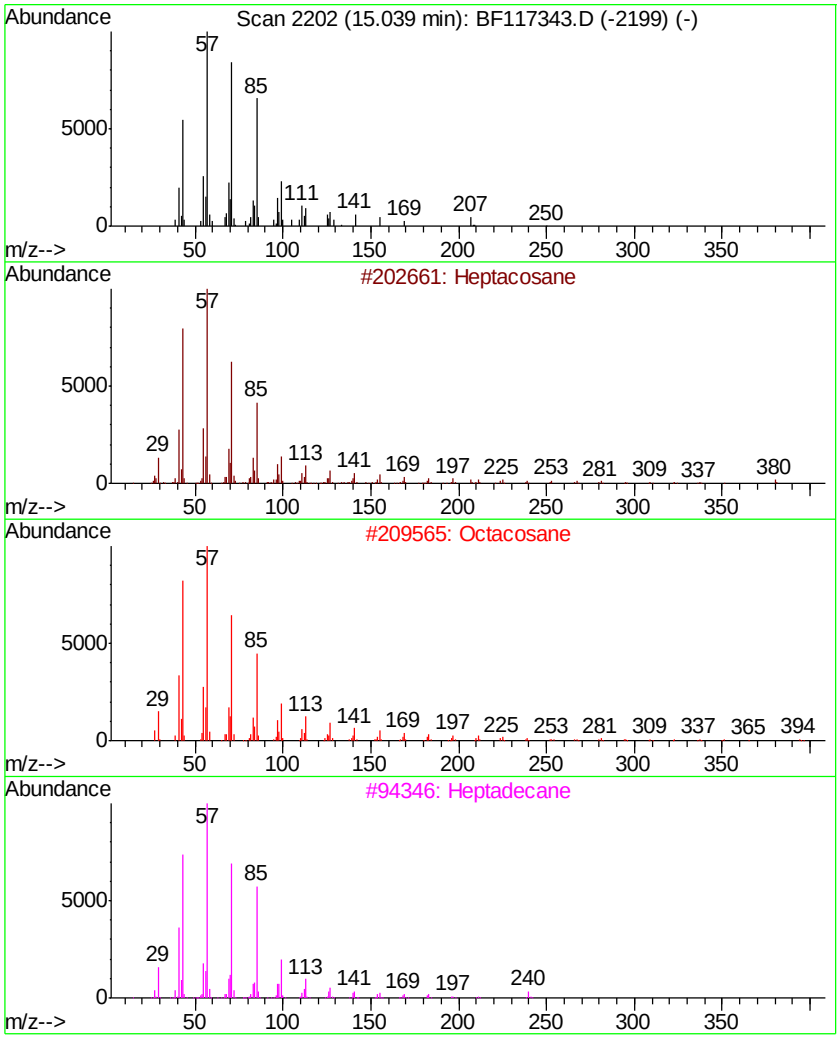
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

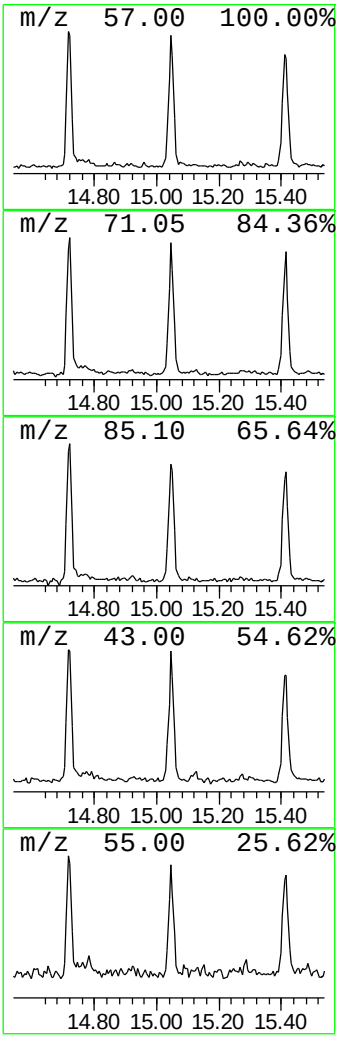
****

Peak Number 9 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	6.04 ng	128229	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heneicosane	296	C21H44	000629-94-7	87





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Sample : K5238-01
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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST11.L
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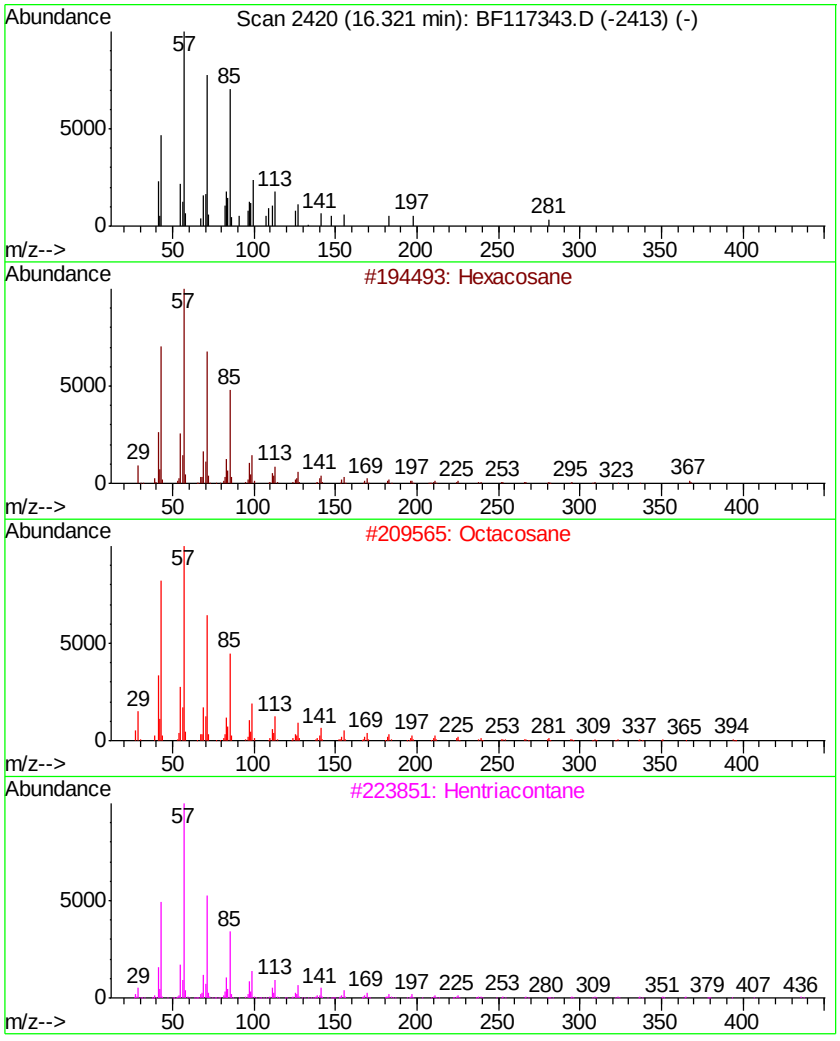
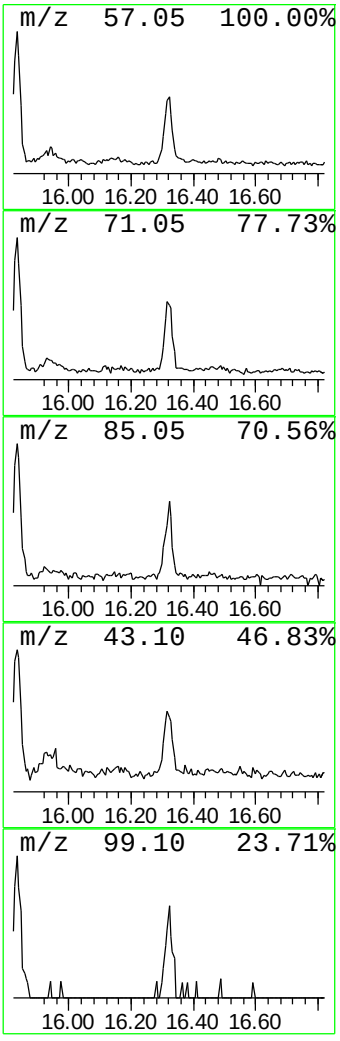
****

Peak Number 11 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	3.27 ng	69286	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	86
2	Octacosane	394	C28H58	000630-02-4	86
3	Hentriacontane	437	C31H64	000630-04-6	80
4	Heneicosane	296	C21H44	000629-94-7	80
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100819\
Data File : BF117343.D
Acq On : 8 Oct 2019 16:31
Operator : JU
Sample : K5238-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-COMP

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	95.1	ng	1072510	1	6.80	225451	20.0
n-Hexadecanoic acid	11.85	5.5	ng	95701	4	11.32	350758	20.0
Octadecanoic acid	12.63	4.5	ng	78059	4	11.32	350758	20.0
Behenic alcohol	13.81	10.5	ng	188533	5	13.97	359376	20.0
Heneicosane	14.12	2.1	ng	38195	5	13.97	359376	20.0
Triacontane	14.72	6.0	ng	126503	6	15.42	424352	20.0
Heptacosane	15.04	6.0	ng	128229	6	15.42	424352	20.0
Hexacosane	16.32	3.3	ng	69286	6	15.42	424352	20.0