LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113245.D
Acq On : 22 Mar 2019 20:14
Operator : JU/SJ
Sample : K1933-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-5

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-BF022719.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	5.339	549	553	573	rBV	3676943	3857058	20.63%	6.696%
2	6.369	723	728	744	rBV	3397344	4029927	21.55%	6.996%
3	6.492	744	749	752	rBV	4222007	3953042	21.14%	6.863%
4	6.716	783	787	790	rBV	1274704	1134650	6.07%	1.970%
5	6.869	809	813	817	rBV	3099323	3047555	16.30%	5.291%
6	7.275	877	882	889	rBV	2308151	2581651	13.81%	4.482%
7	7.998	1000	1005	1011	rBV	1386443	1361622	7.28%	2.364%
8	9.075	1183	1188	1191	rBV	4312814	4065432	21.74%	7.058%
9	9.463	1250	1254	1261	rBV	478840	454616	2.43%	0.789%
10	9.745	1298	1302	1307	rBV	1715026	1707227	9.13%	2.964%
11	10.533	1432	1436	1452	rBV	2675697	2959350	15.83%	5.138%
12	11.227	1550	1554	1557	rBV	1720153	1535777	8.21%	2.666%
13	11.768	1642	1646	1649	rBV	930137	940183	5.03%	1.632%
14	12.439	1756	1760	1763	rBV	254915	282154	1.51%	0.490%
15	12.545	1775	1778	1786	rVV	363453	407232	2.18%	0.707%
16	12.810	1819	1823	1826	rBV	3304667	2988392	15.98%	5.188%
17	13.698	1971	1974	1976	rBV	390817	356676	1.91%	0.619%
18	13.721	1976	1978	1991	rVB	332091	616917	3.30%	1.071%
19	13.874	1996	2004	2007	rBV2	8598474	18697917	100.00%	32.462%
20	14.339	2080	2083	2087	rBV2	166548	215584	1.15%	0.374%
21	14.633	2130	2133	2136	rVB	222514	189759	1.01%	0.329%
22	14.874	2171	2174	2181	rVB	131971	220251	1.18%	0.382%
23	14.945	2183	2186	2190	rBV	243864	282520	1.51%	0.490%
24	15.274	2237	2242	2245	rBV	1091270	1435553	7.68%	2.492%
25	15.704	2311	2315	2320	rVB	206864	278615	1.49%	0.484%

Sum of corrected areas: 57599660

LSC Report - Integrated Chromatogram

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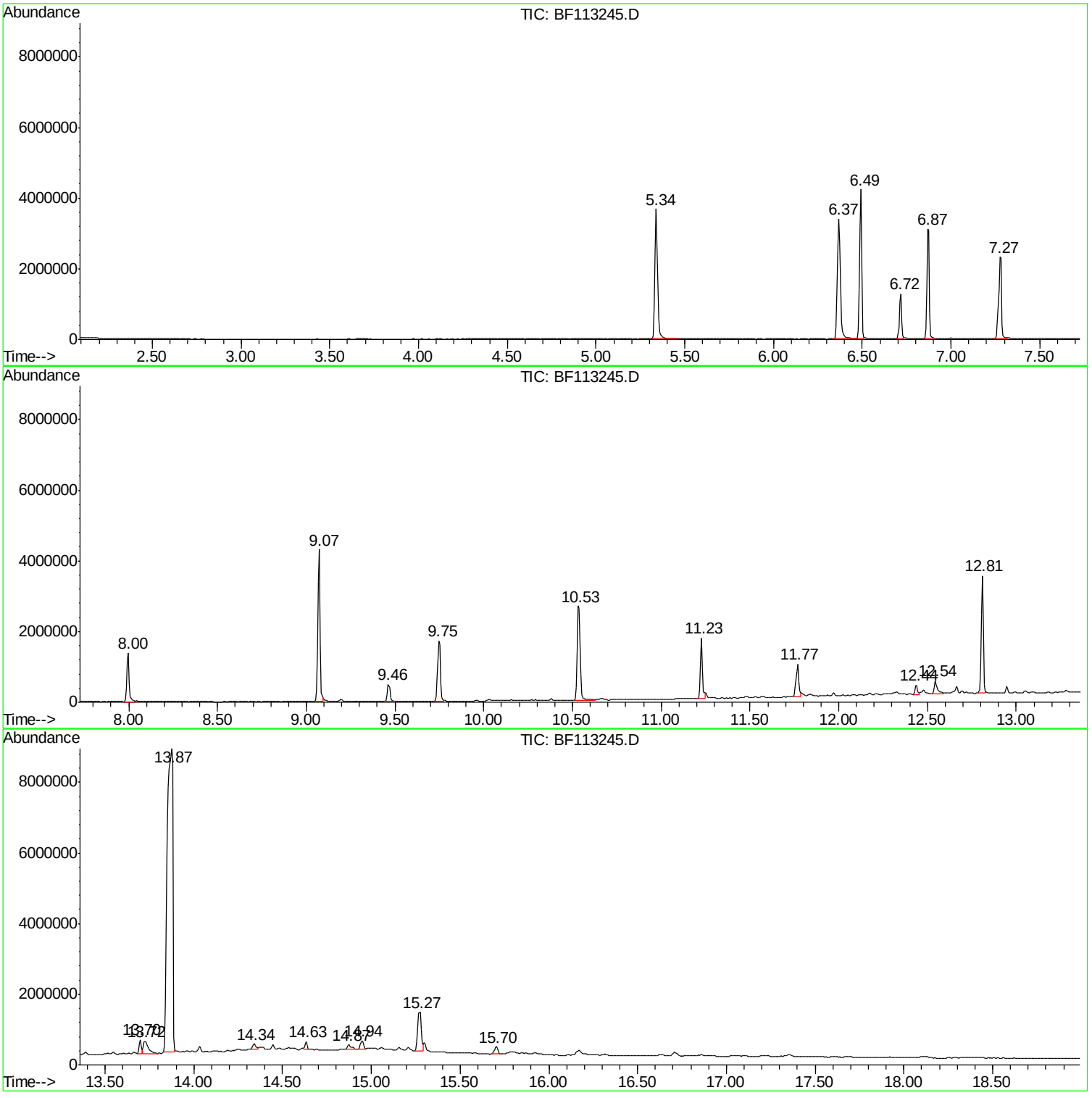
Instrument : BNA_F
ClientSampleId : S-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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Data File : BF113245.D
Acq On : 22 Mar 2019 20:14
Operator : JU/SJ
Sample : K1933-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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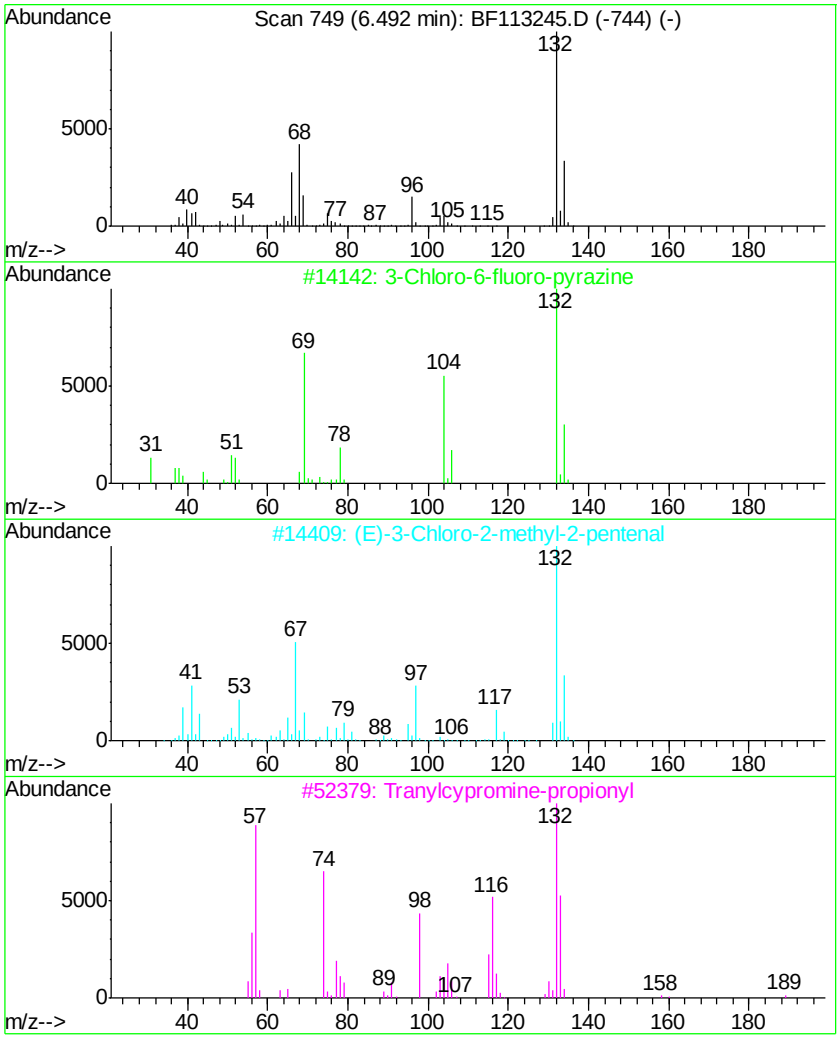
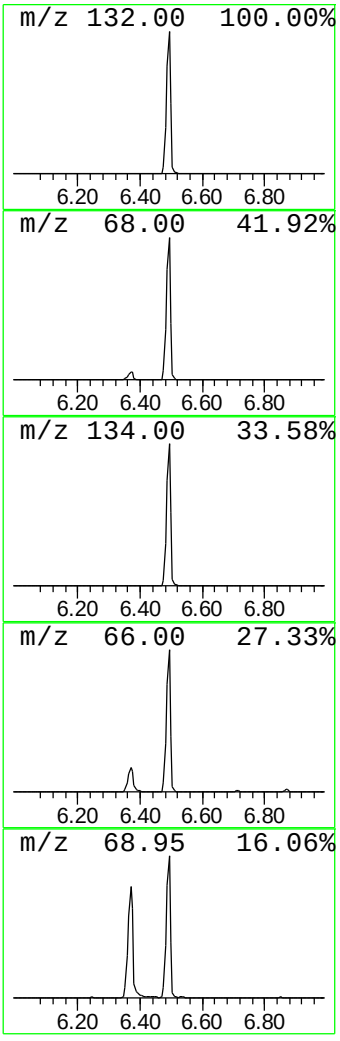
Peak Number 1 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	69.68 ng	3953040	1,4-Dichlorobenzene-d4	6.72

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	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113245.D
Acq On : 22 Mar 2019 20:14
Operator : JU/SJ
Sample : K1933-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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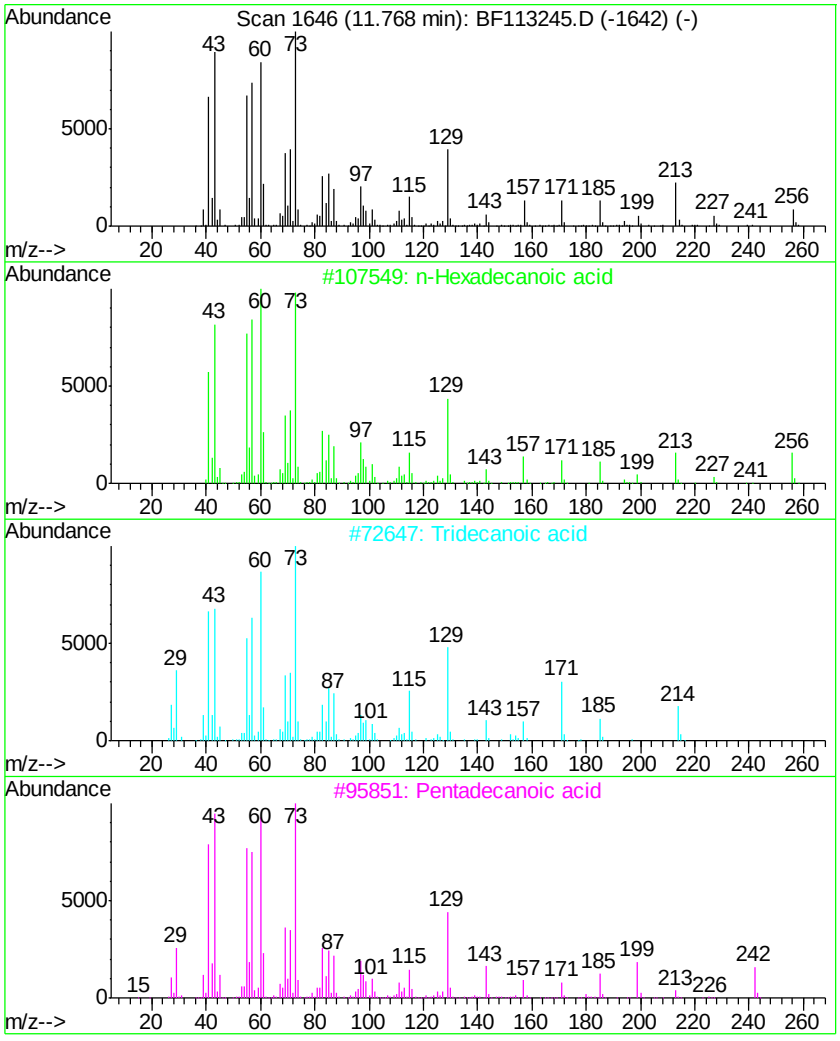
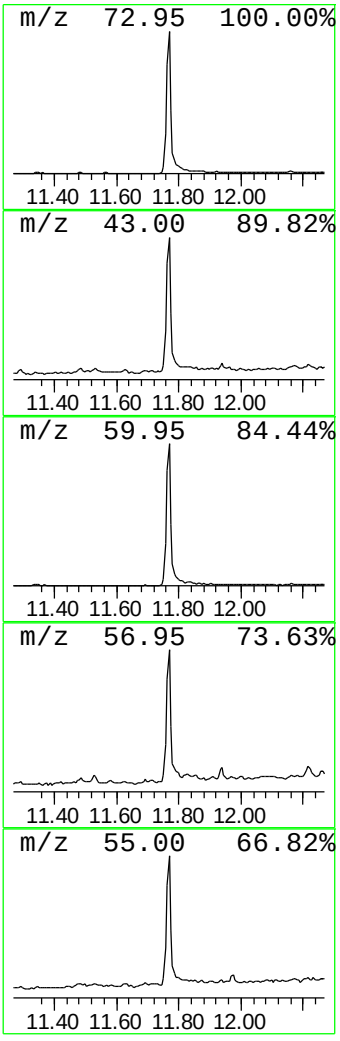
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	12.24 ng	940183	Phenanthrene-d10	11.23

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	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113245.D
Acq On : 22 Mar 2019 20:14
Operator : JU/SJ
Sample : K1933-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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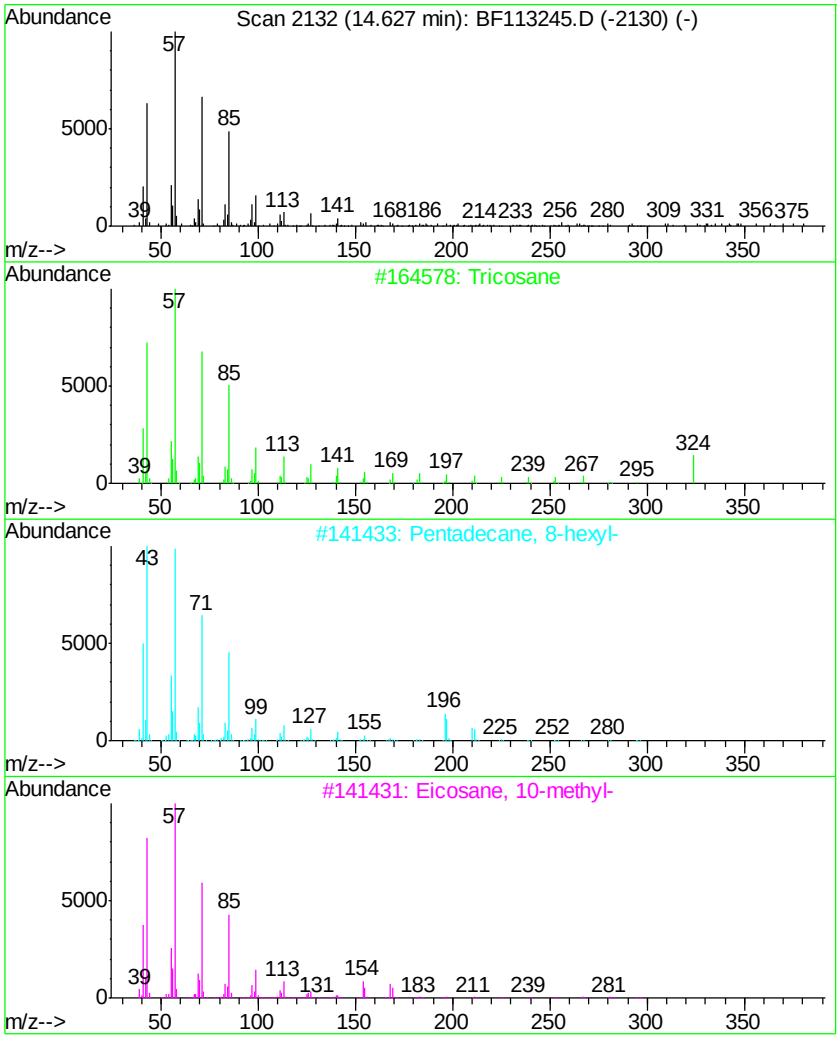
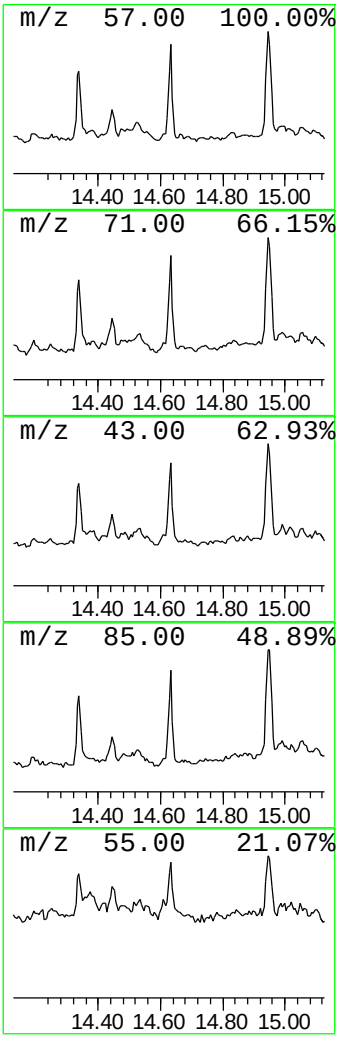
Peak Number 4 Tricosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	2.64 ng	189759	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	93
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	87
5	Heptadecane	240	C17H36	000629-78-7	86





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Sample : K1933-05
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Instrument : BNA_F
ClientSampleId : S-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
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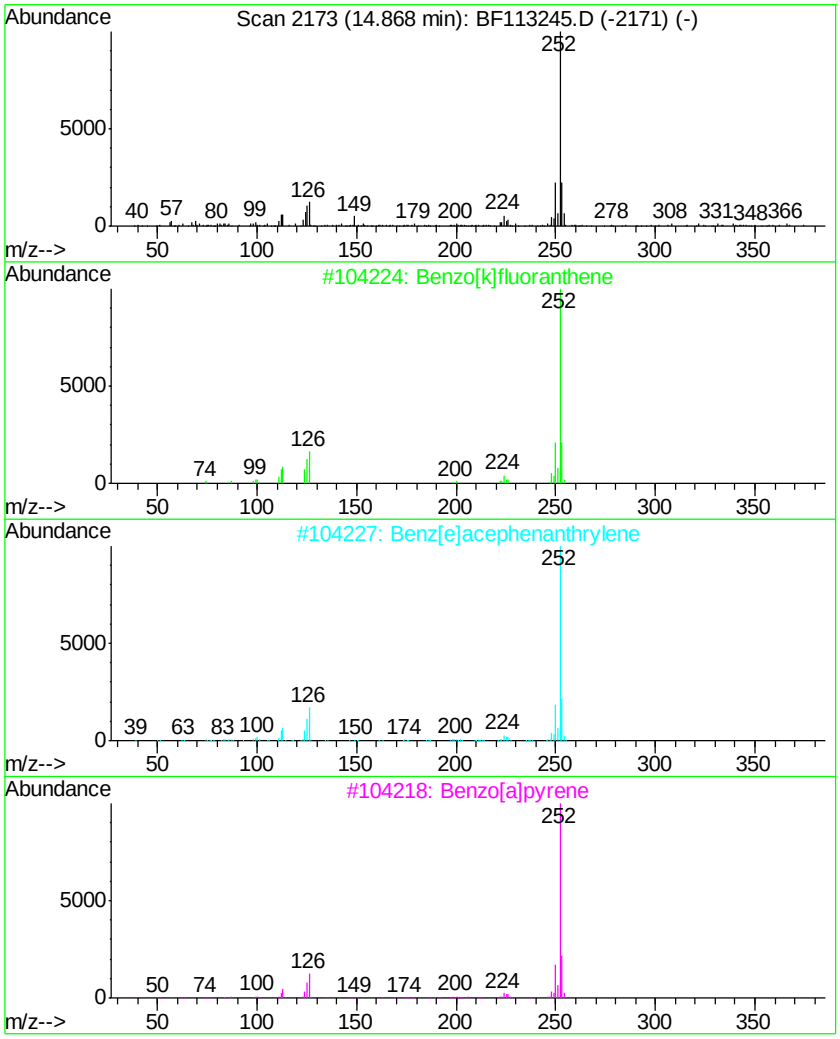
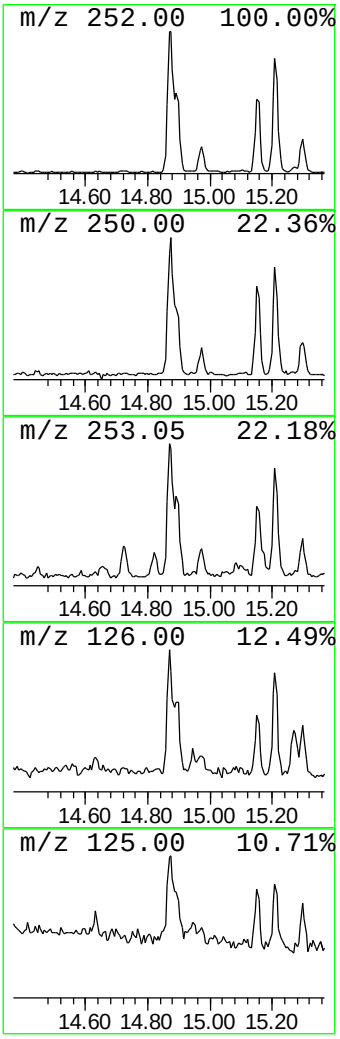
Peak Number 5 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	3.07 ng	220251	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[e]pyrene	252	C20H12	000192-97-2	93
5	Perylene	252	C20H12	000198-55-0	81





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Sample : K1933-05
Misc :
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Instrument : BNA_F
ClientSampleId : S-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
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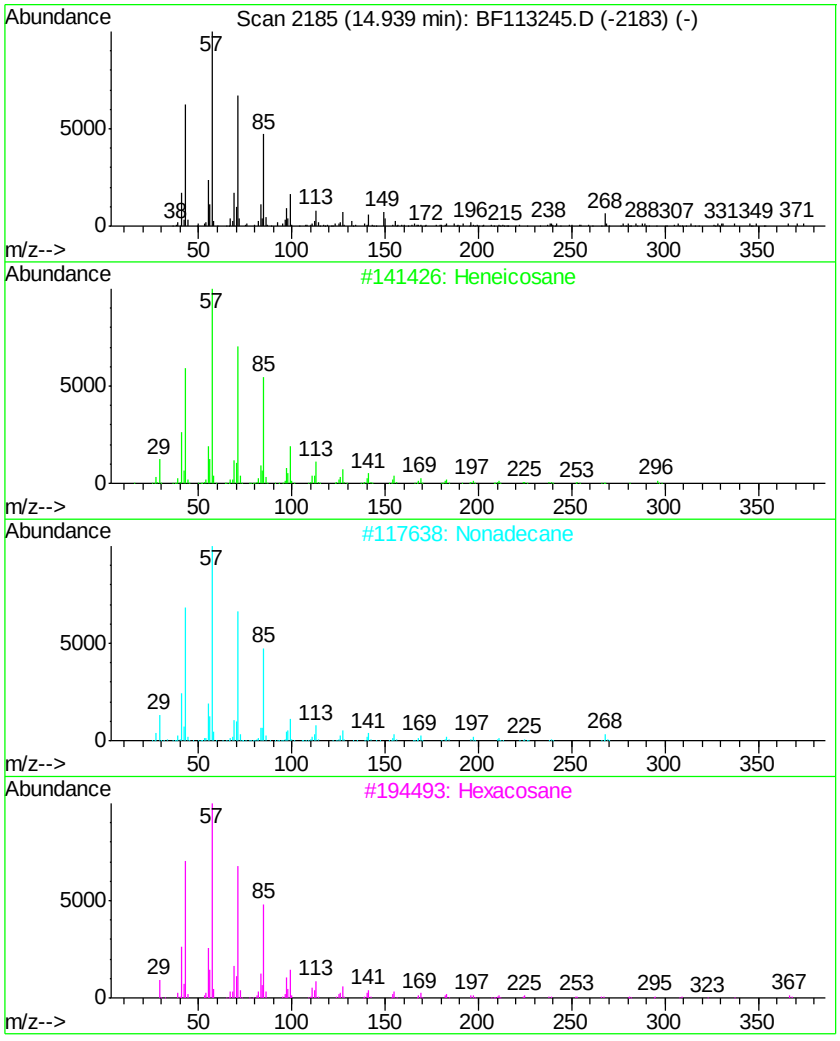
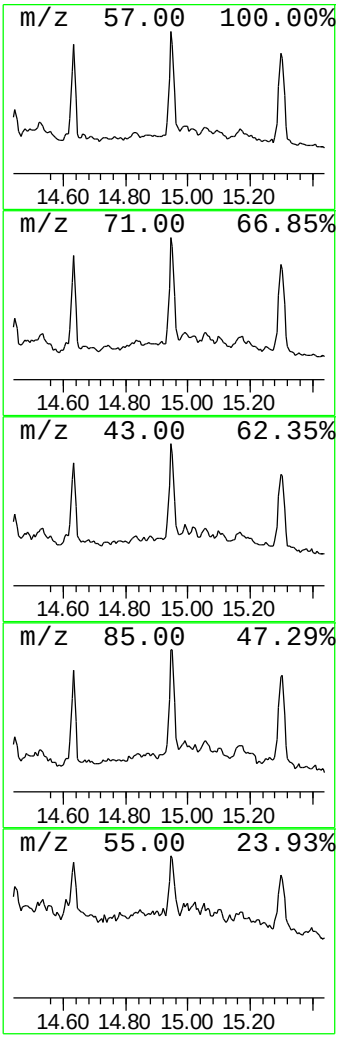
Peak Number 6 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	3.94 ng	282520	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Nonadecane	268	C19H40	000629-92-5	97
3	Hexacosane	366	C26H54	000630-01-3	87
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
5	Tetracosane	338	C24H50	000646-31-1	80





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Instrument : BNA_F
ClientSampleId : S-5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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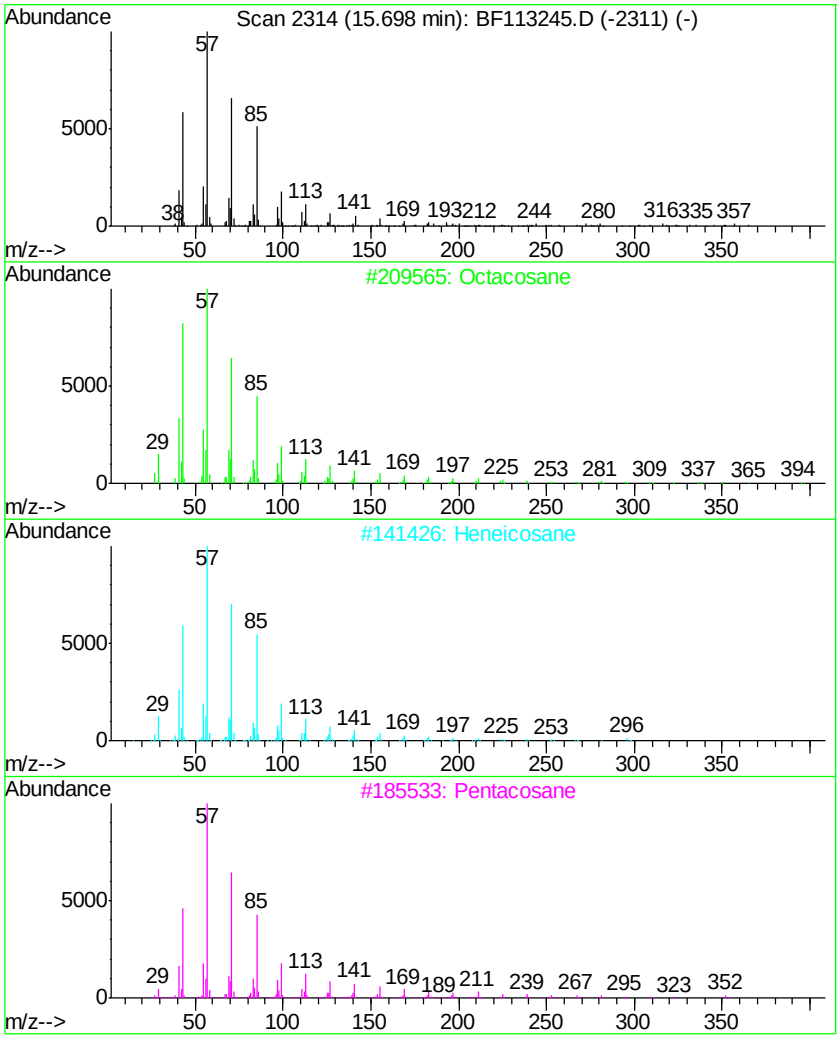
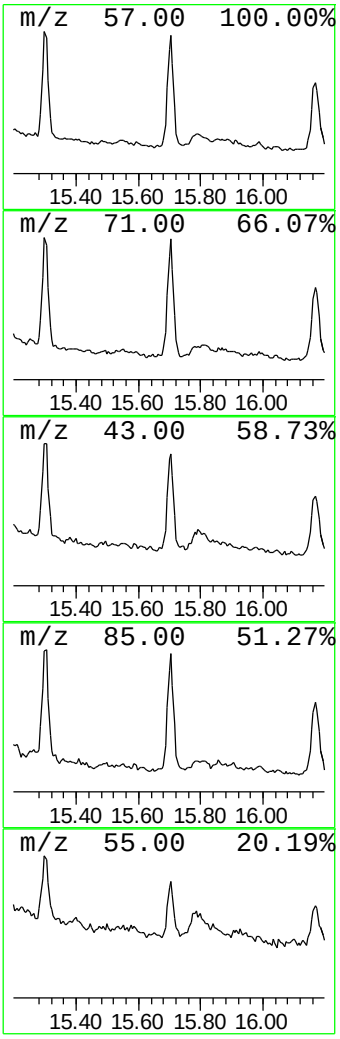
Peak Number 7 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	3.88 ng	278615	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Pentacosane	352	C25H52	000629-99-2	87
4	Heptadecane	240	C17H36	000629-78-7	87
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.49	6.49	69.7	ng	3953040	1	6.72	1134650	20.0
n-Hexadecanoic acid	11.77	12.2	ng	940183	4	11.23	1535780	20.0
Tricosane	14.63	2.6	ng	189759	6	15.27	1435550	20.0
Benzo[e]pyrene	14.87	3.1	ng	220251	6	15.27	1435550	20.0
Heneicosane	14.94	3.9	ng	282520	6	15.27	1435550	20.0
Octacosane	15.70	3.9	ng	278615	6	15.27	1435550	20.0