LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114869.D
Acq On : 6 Jun 2019 18:30
Operator : HP/JU
Sample : K3211-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200052

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	5.287	537	544	547	rBV	8322177	10754673	81.88%	9.257%
2	6.316	709	719	722	rBV	8124046	11259170	85.72%	9.691%
3	6.445	735	741	744	rBV	9215197	11342719	86.35%	9.763%
4	6.669	775	779	782	rBV	3126084	2587770	19.70%	2.227%
5	6.828	801	806	809	rBV	8860820	8919518	67.90%	7.677%
6	7.234	868	875	878	rBV	6459778	7741063	58.93%	6.663%
7	7.945	991	996	1000	rBV	3533529	3440660	26.19%	2.962%
8	9.027	1173	1180	1183	rBV	10716901	13135444	100.00%	11.306%
9	9.416	1239	1246	1249	rBV	2582705	2159160	16.44%	1.858%
10	9.698	1288	1294	1297	rBV	4324358	4179856	31.82%	3.598%
11	10.486	1420	1428	1431	rBV	7360458	8893580	67.71%	7.655%
12	11.169	1539	1544	1547	rBV	4720685	4286348	32.63%	3.689%
13	11.716	1632	1637	1645	rBV	1693040	1969184	14.99%	1.695%
14	12.468	1763	1765	1767	rBV	273241	210768	1.60%	0.181%
15	12.498	1767	1770	1780	rVV	814373	839396	6.39%	0.723%
16	12.574	1780	1783	1785	rVV2	285180	288639	2.20%	0.248%
17	12.598	1785	1787	1790	rVB	227272	186310	1.42%	0.160%
18	12.757	1809	1814	1817	rBV2	9747262	11634936	88.58%	10.015%
19	13.339	1911	1913	1919	rVB	175019	165885	1.26%	0.143%
20	13.657	1963	1967	1980	rBV	1782684	1959248	14.92%	1.686%
21	13.792	1985	1990	1993	rBV	3305042	3235615	24.63%	2.785%
22	13.980	2019	2022	2026	rBV	374381	380842	2.90%	0.328%
23	14.286	2071	2074	2079	rBV	618194	630686	4.80%	0.543%
24	14.580	2120	2124	2129	rBV	638425	631061	4.80%	0.543%
25	14.886	2172	2176	2186	rVB	619818	719973	5.48%	0.620%
26	15.174	2220	2225	2230	rBV	2229274	2563915	19.52%	2.207%
27	15.233	2231	2235	2242	rVB	607783	731840	5.57%	0.630%
28	15.621	2297	2301	2305	rBV	431303	602509	4.59%	0.519%
29	15.662	2305	2308	2317	rVB	183574	319986	2.44%	0.275%
30	16.074	2374	2378	2390	rVB2	215866	408077	3.11%	0.351%

Sum of corrected areas: 116178831

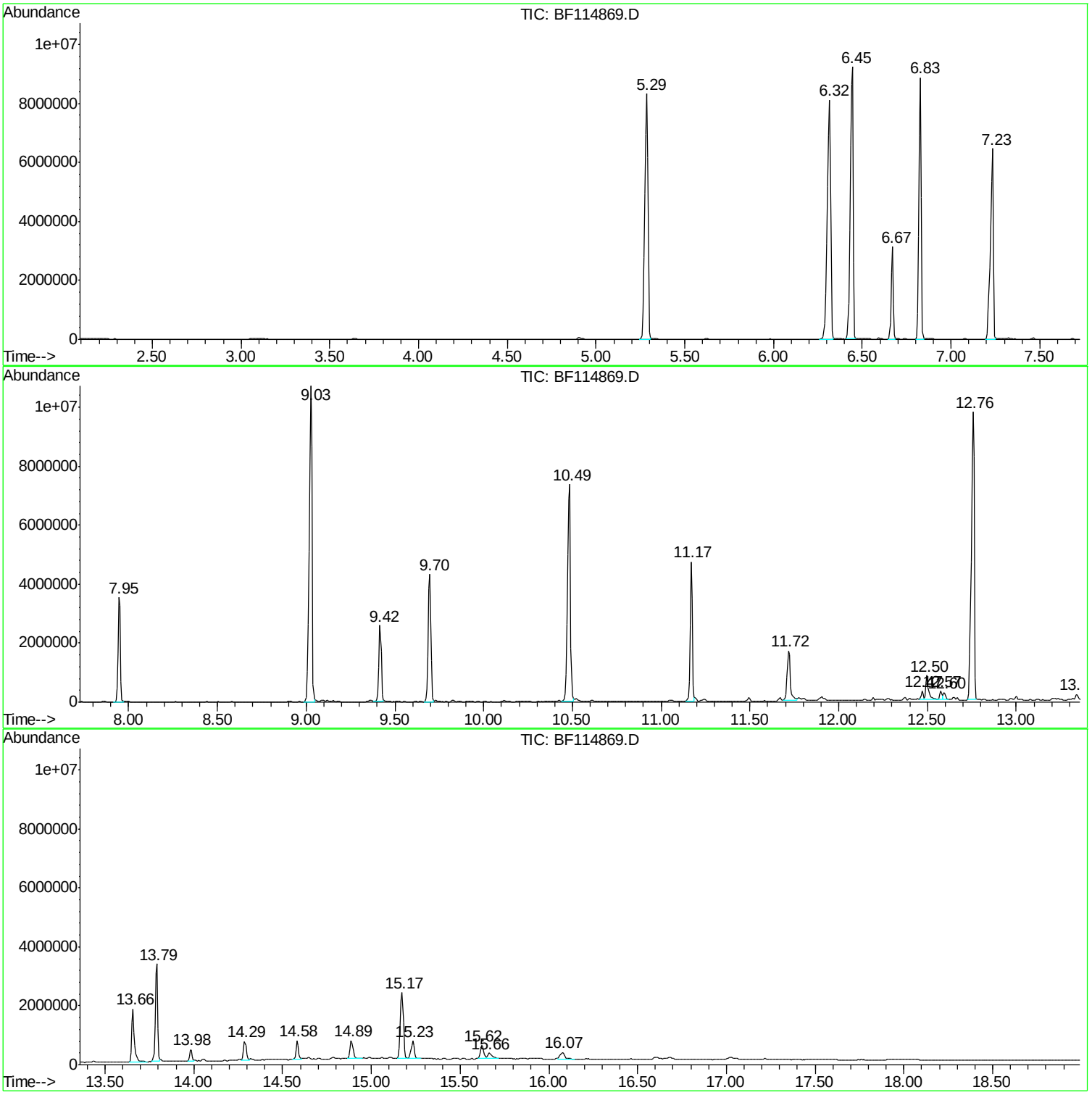
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114869.D
Acq On : 6 Jun 2019 18:30
Operator : HP/JU
Sample : K3211-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200052

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



Library Search Compound Report

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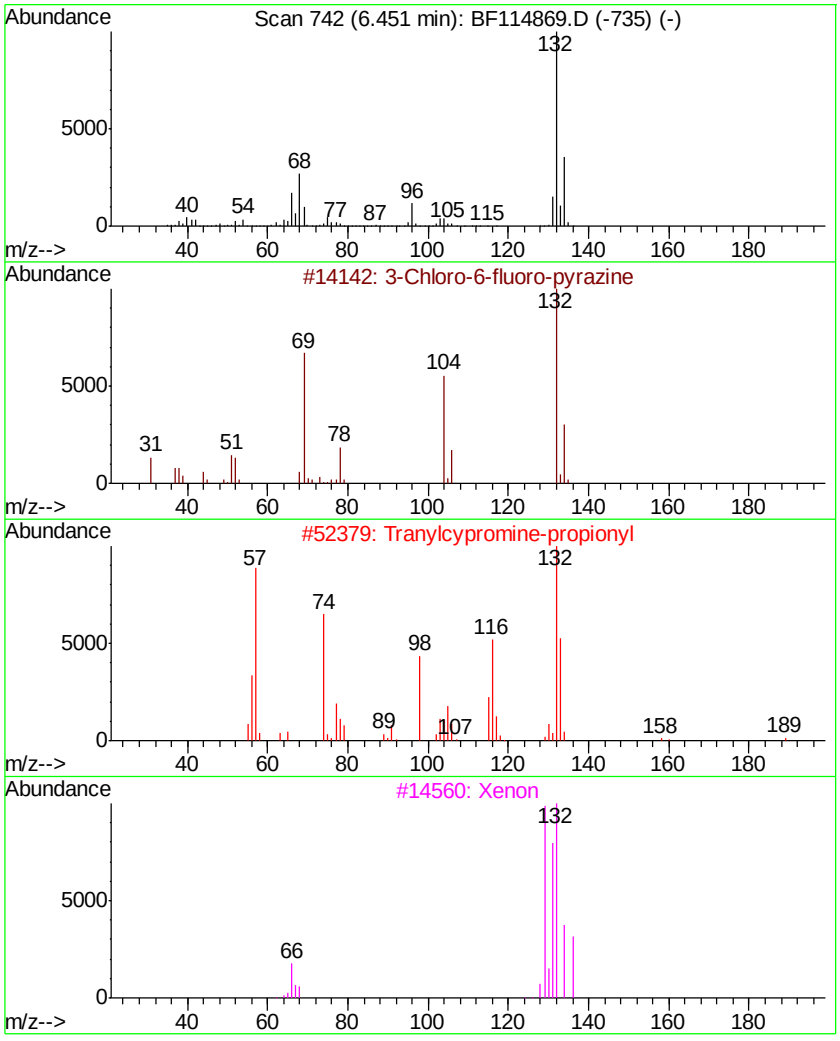
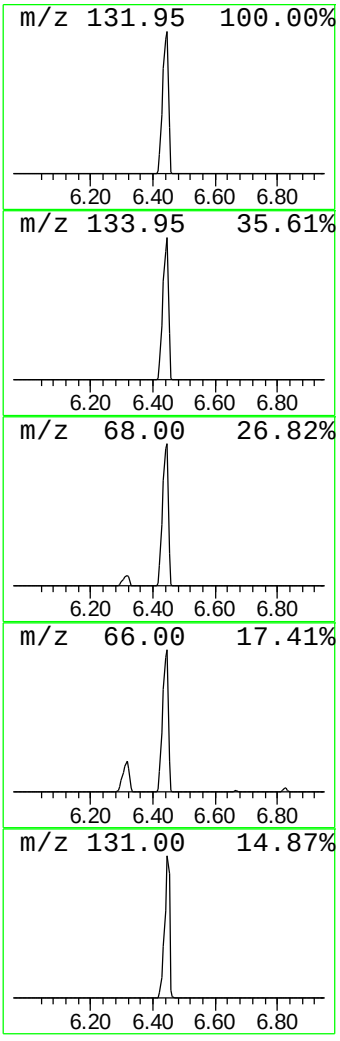
Peak Number 1 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	87.66 ng	11342700	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	Xenon	132	Xe	007440-63-3	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Misc :
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Instrument : BNA_F
ClientSampleId : RBR-200052

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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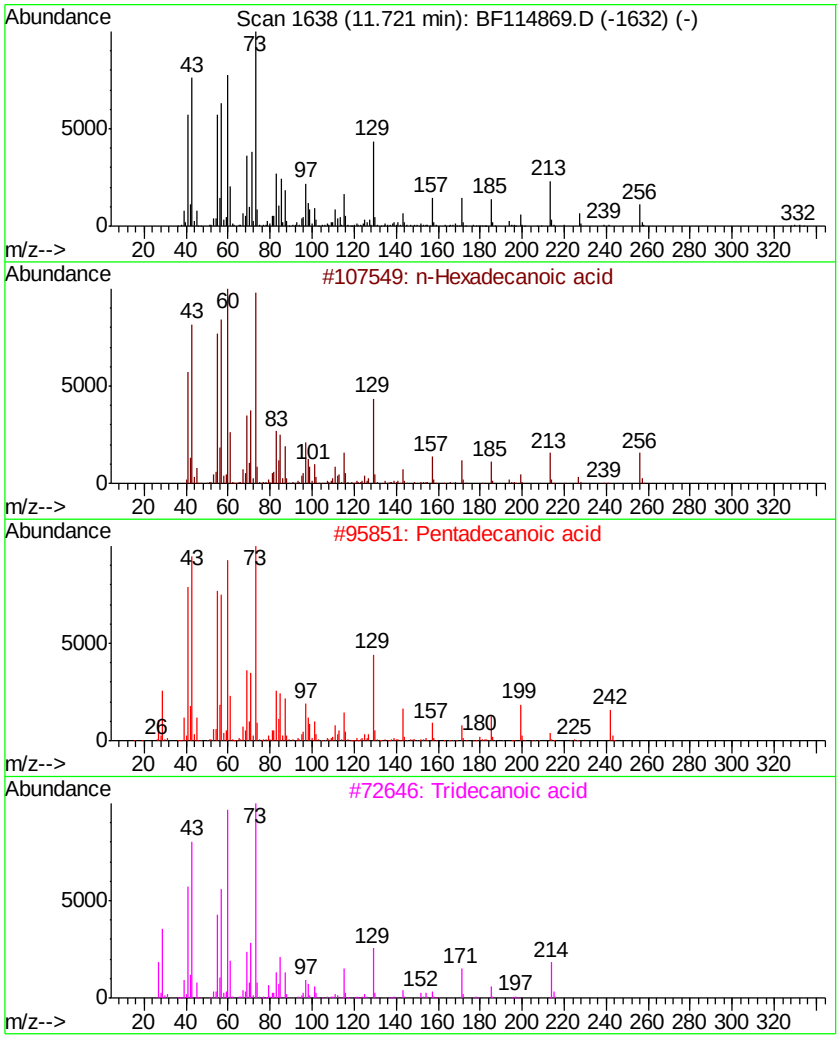
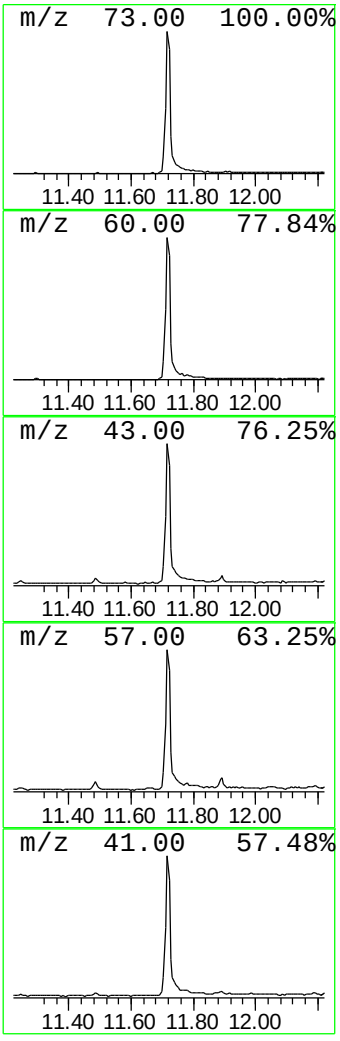
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	9.19 ng	1969180	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Library Search Compound Report

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Data File : BF114869.D
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Operator : HP/JU
Sample : K3211-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200052

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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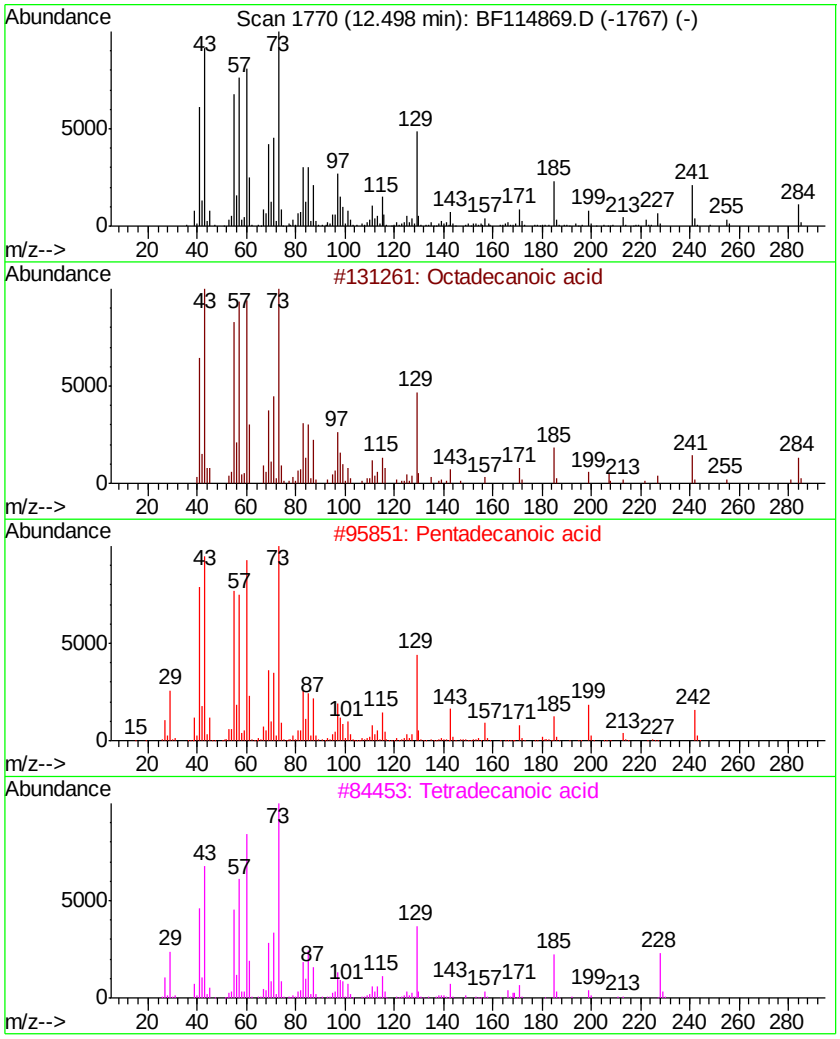
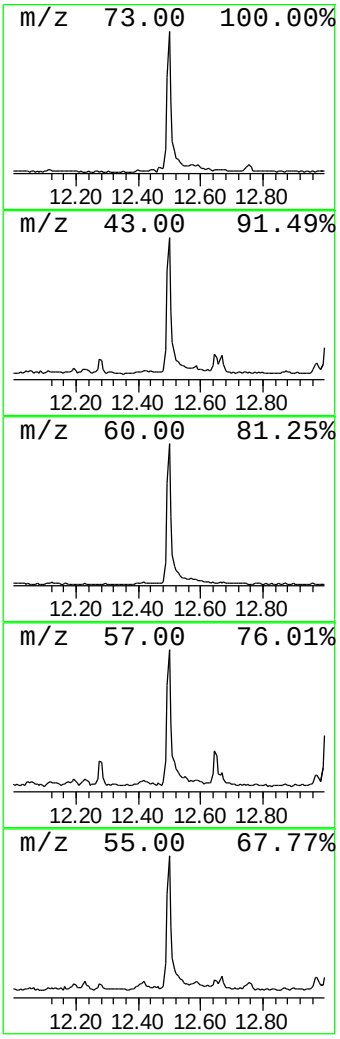
Peak Number 4 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	5.19 ng	839396	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	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200052

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

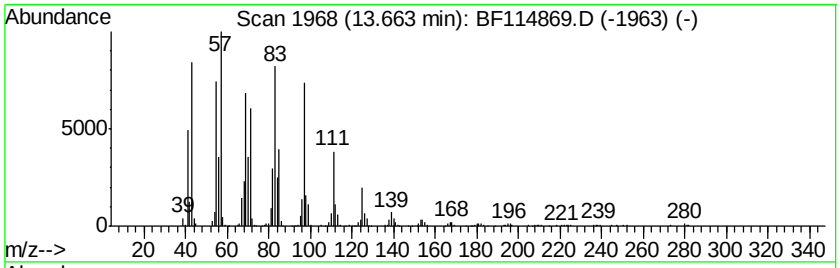
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

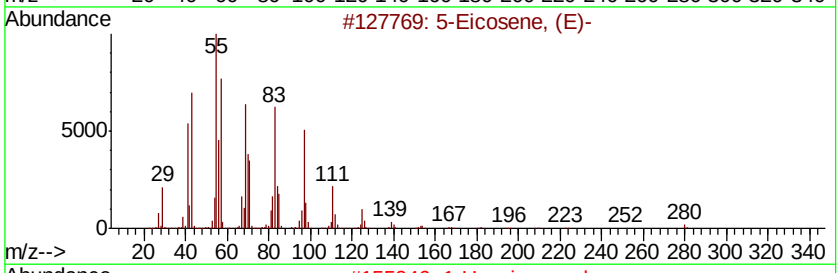
****

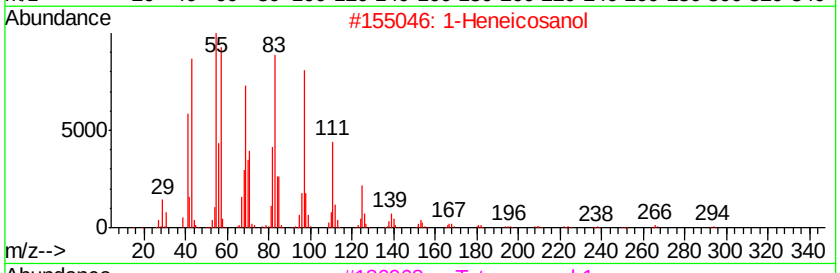
Peak Number 5 5-Eicosene, (E)- Concentration Rank 3

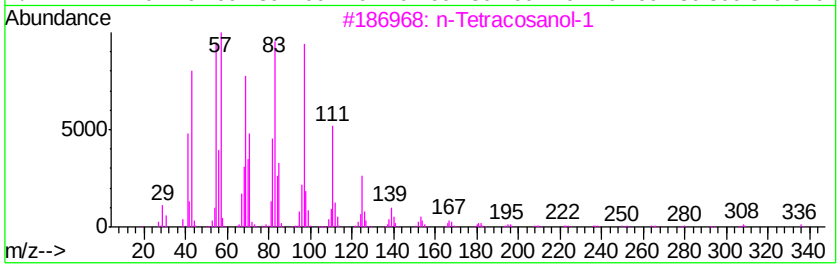
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	12.11 ng	1959250	Chrysene-d12	13.79

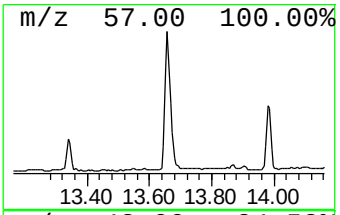
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94

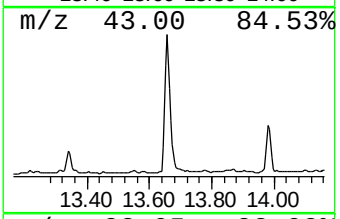


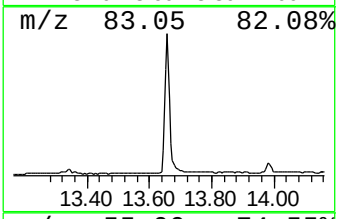


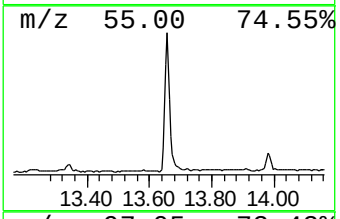


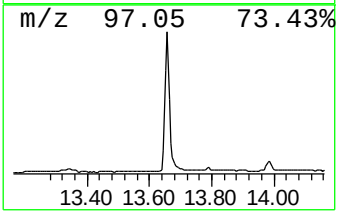












Library Search Compound Report

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Acq On : 6 Jun 2019 18:30
Operator : HP/JU
Sample : K3211-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200052

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

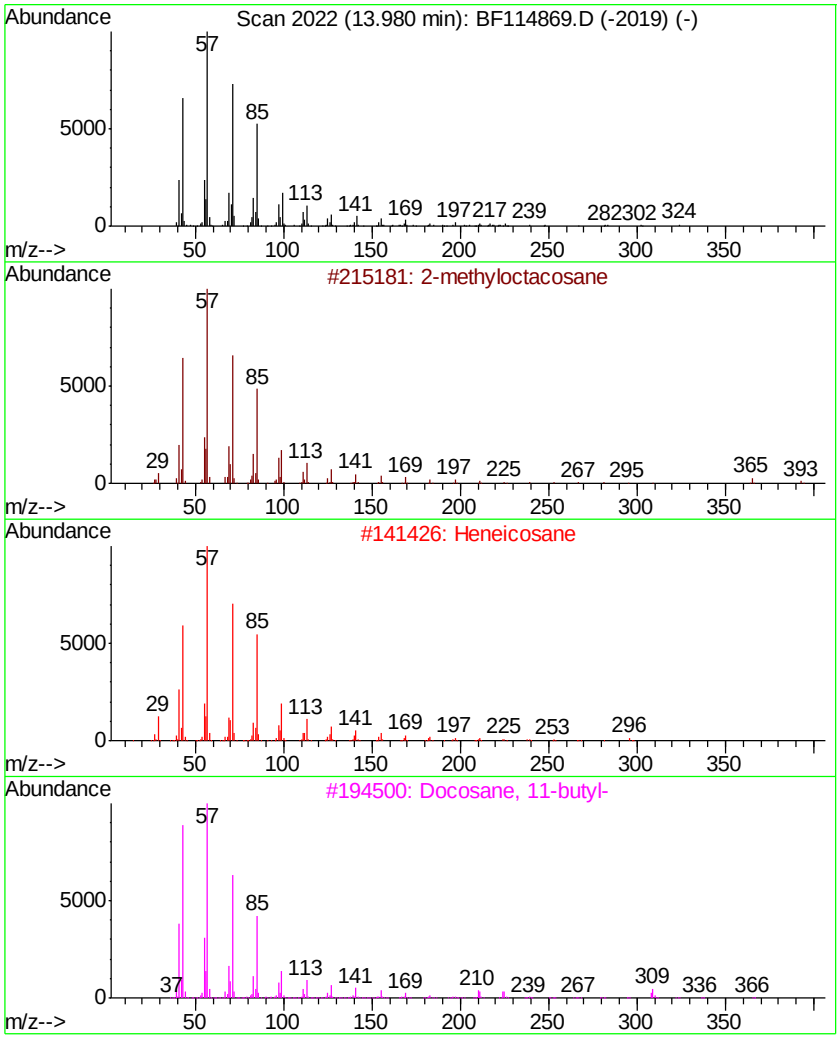
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

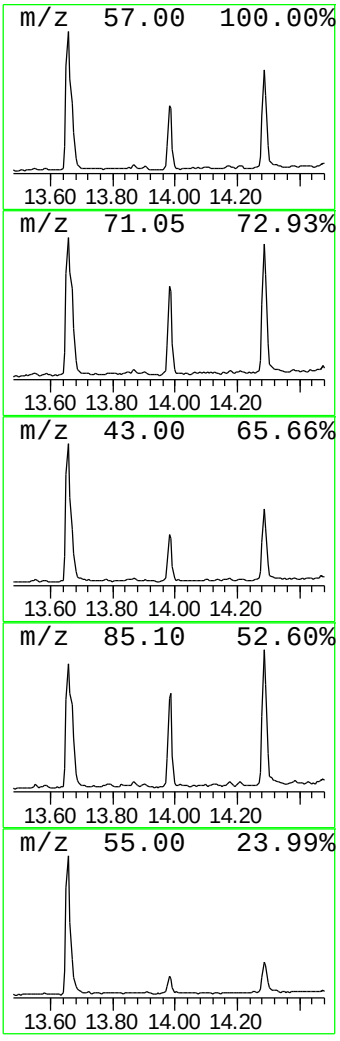
****

Peak Number 6 2-methyloctacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	2.35 ng	380842	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87





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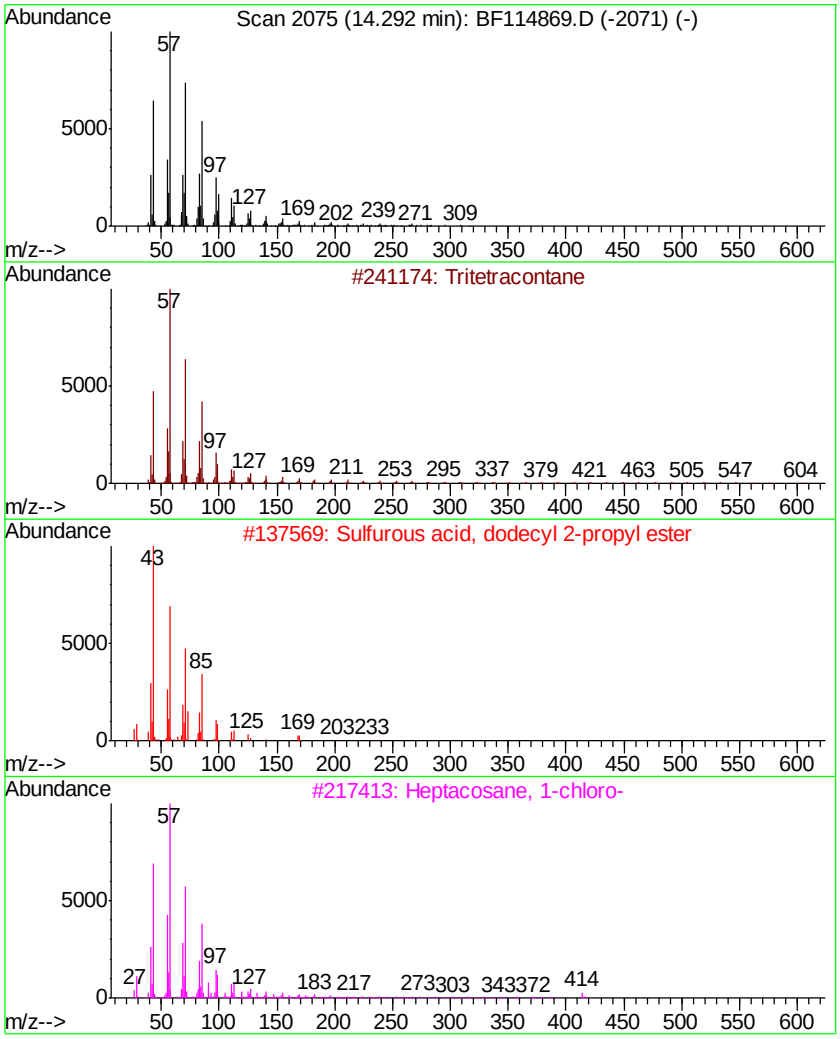
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

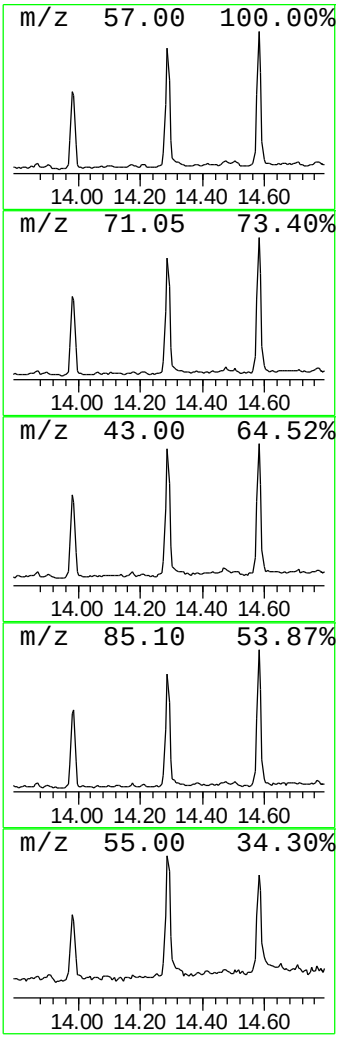
****

Peak Number 7 Tritetracontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	3.90 ng	630686	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	91
2	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	91
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
4	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	91
5	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	91





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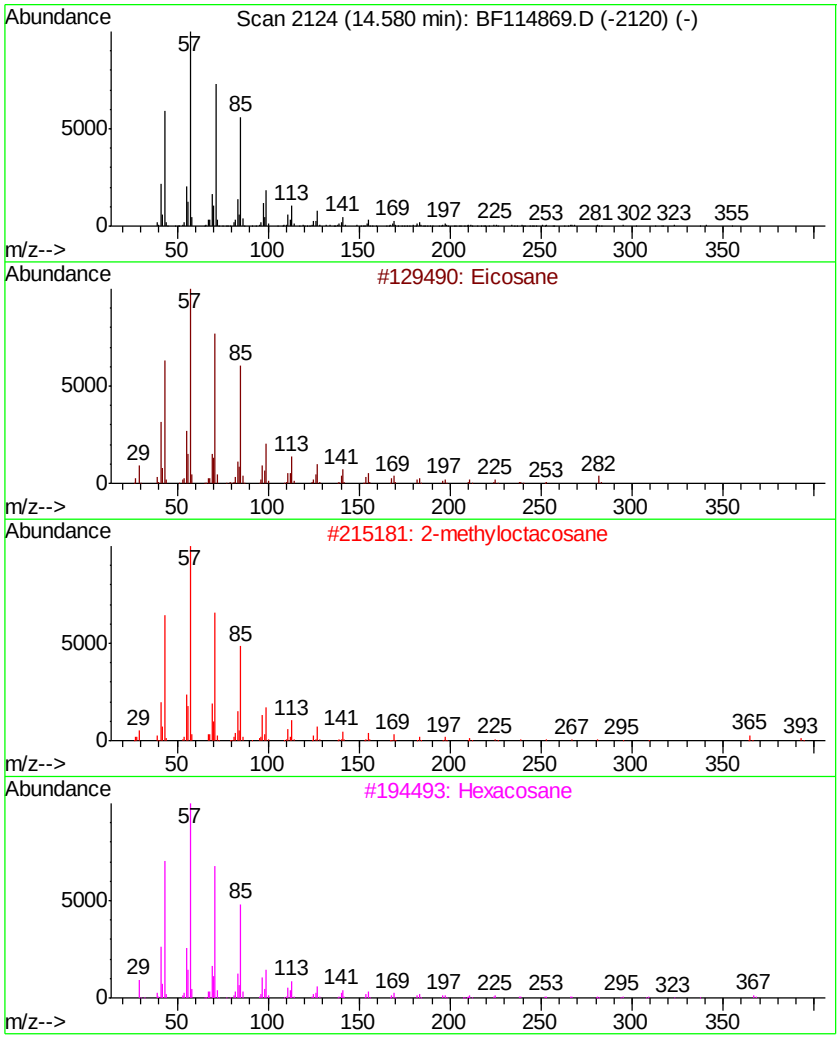
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

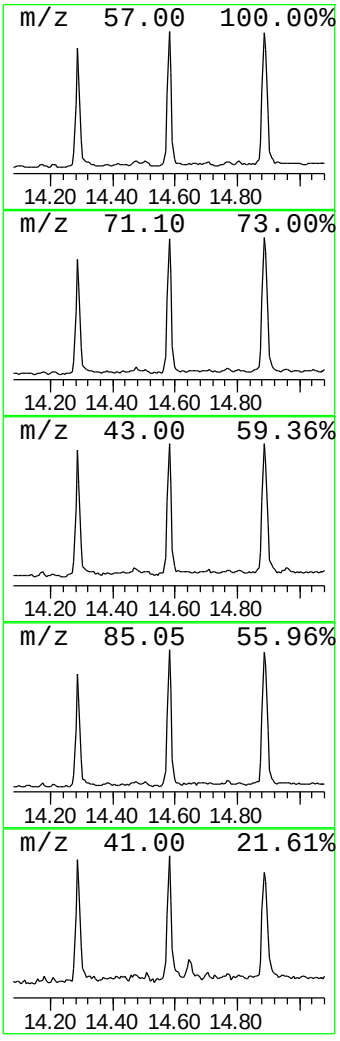
****

Peak Number 8 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	4.92 ng	631061	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Data File : BF114869.D
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Sample : K3211-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200052

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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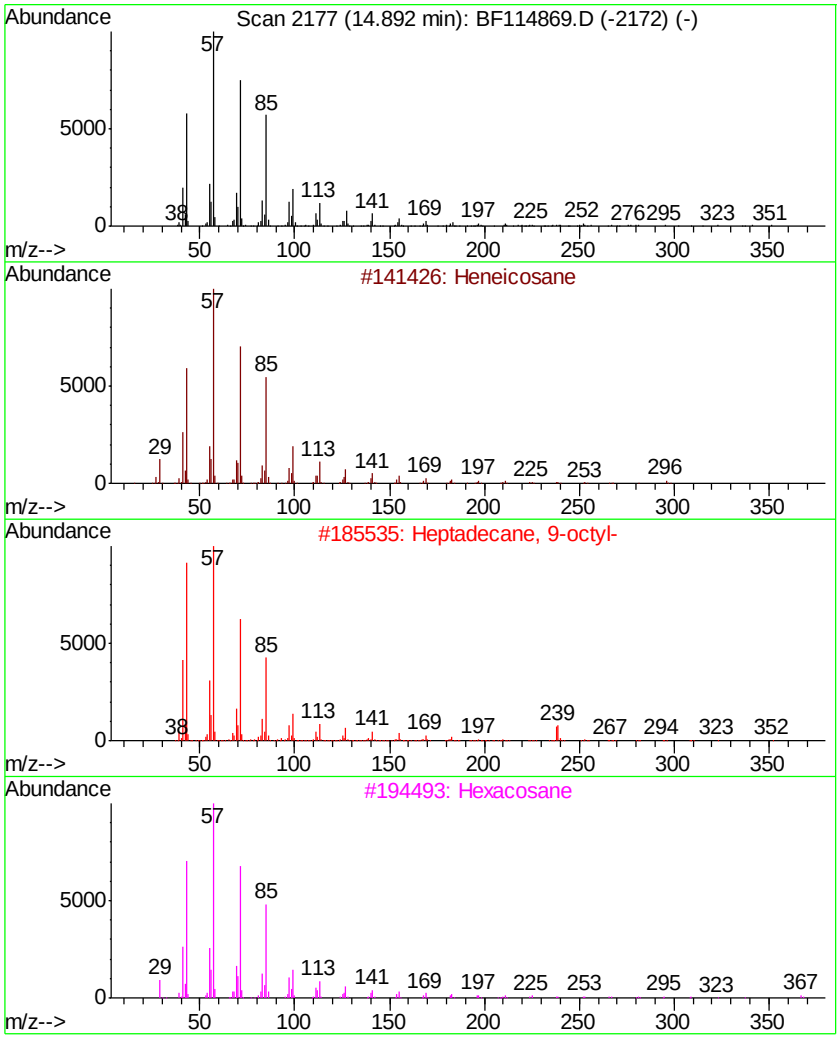
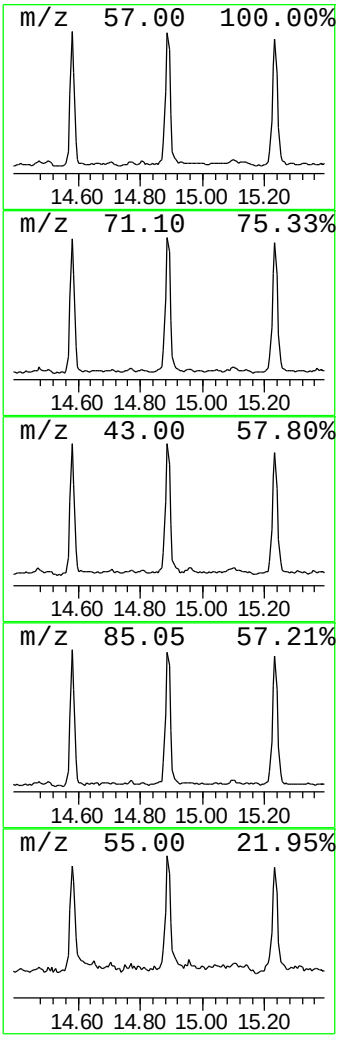
Peak Number 9 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	5.62 ng	719973	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200052

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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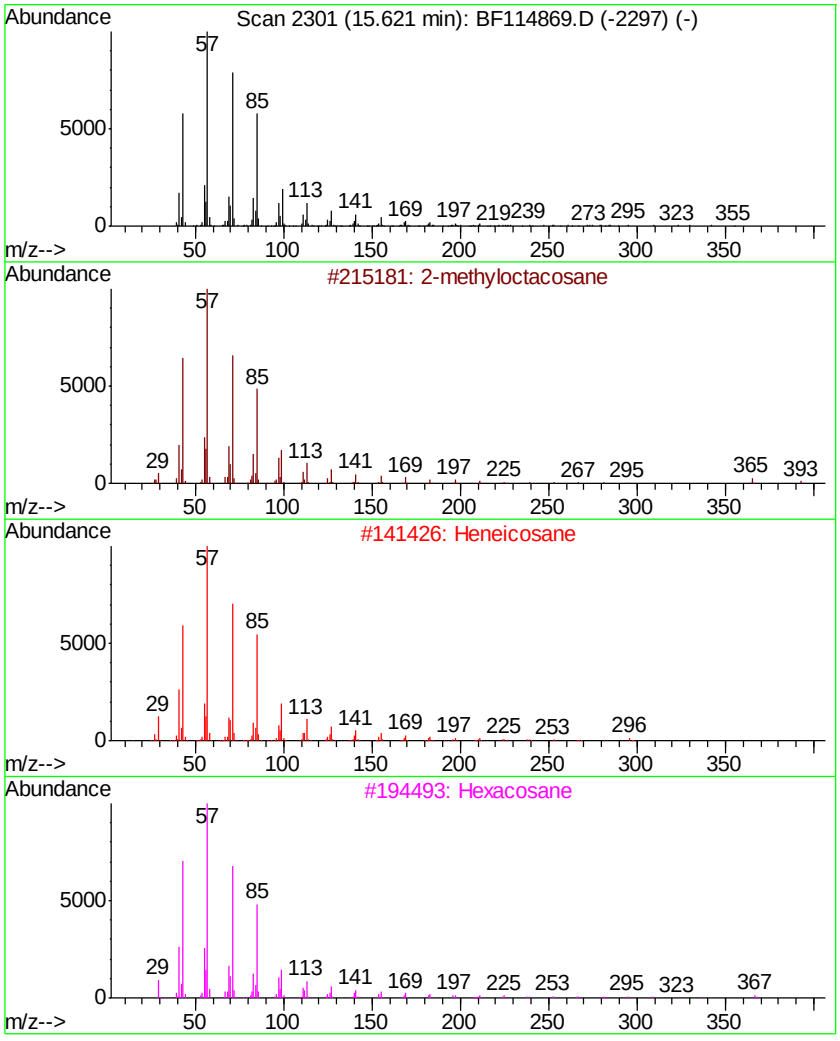
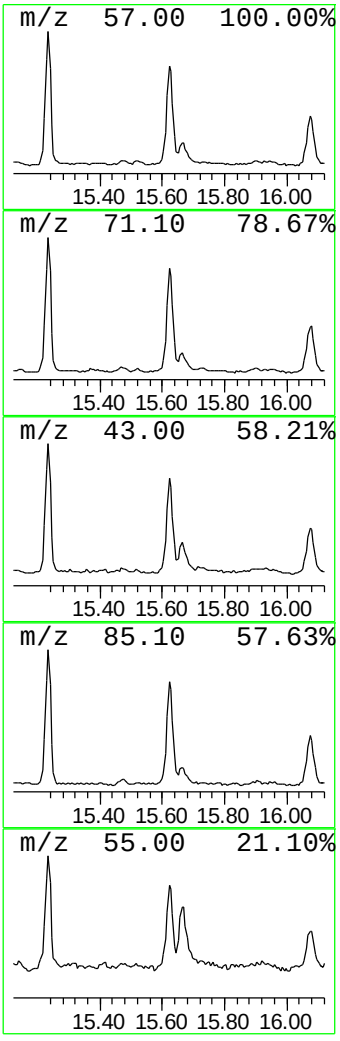
Peak Number 11 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	4.70 ng	602509	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Octacosane	394	C28H58	000630-02-4	90
5	Pentacosane	352	C25H52	000629-99-2	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114869.D
Acq On : 6 Jun 2019 18:30
Operator : HP/JU
Sample : K3211-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200052

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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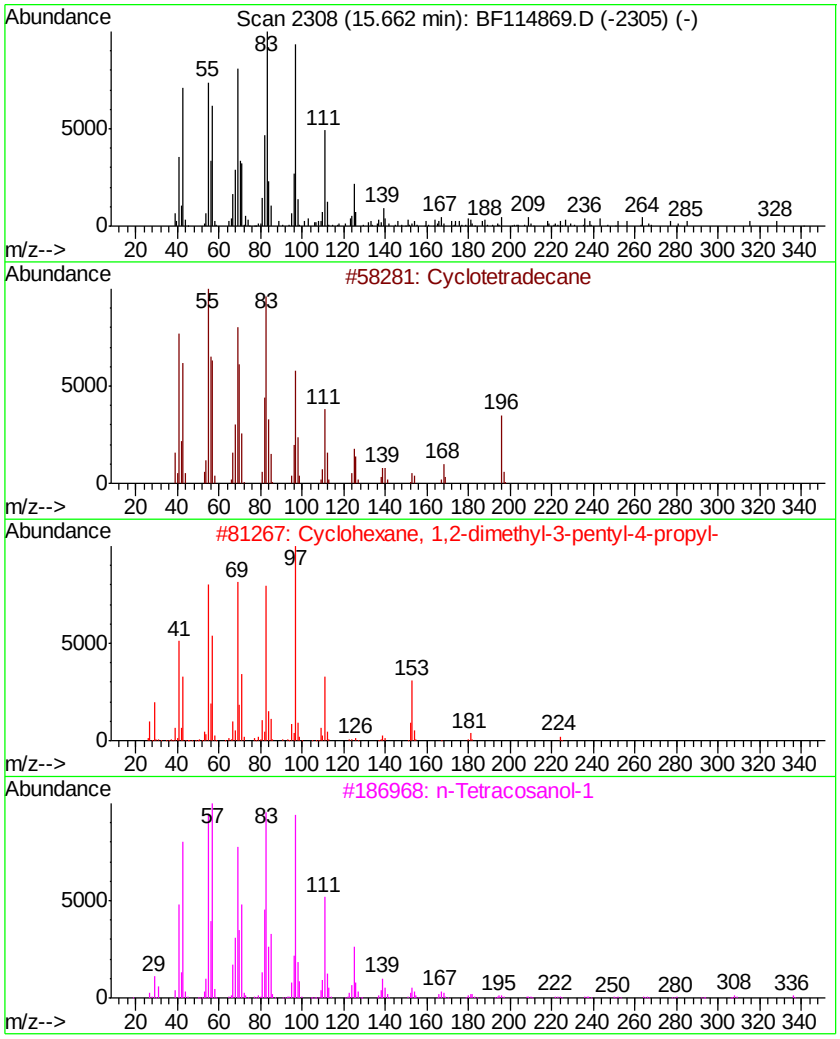
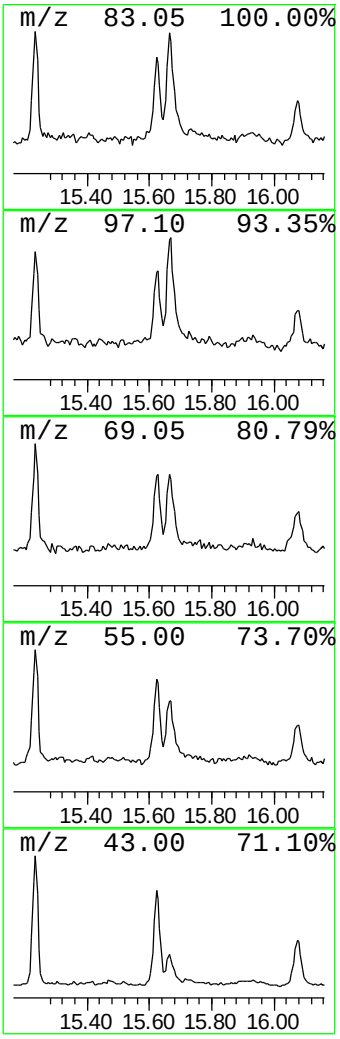
Peak Number 12 Cyclotetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	2.50 ng	319986	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	90
2	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	70
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	68
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	64
5	Behenic alcohol	326	C22H46O	000661-19-8	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114869.D
Acq On : 6 Jun 2019 18:30
Operator : HP/JU
Sample : K3211-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200052

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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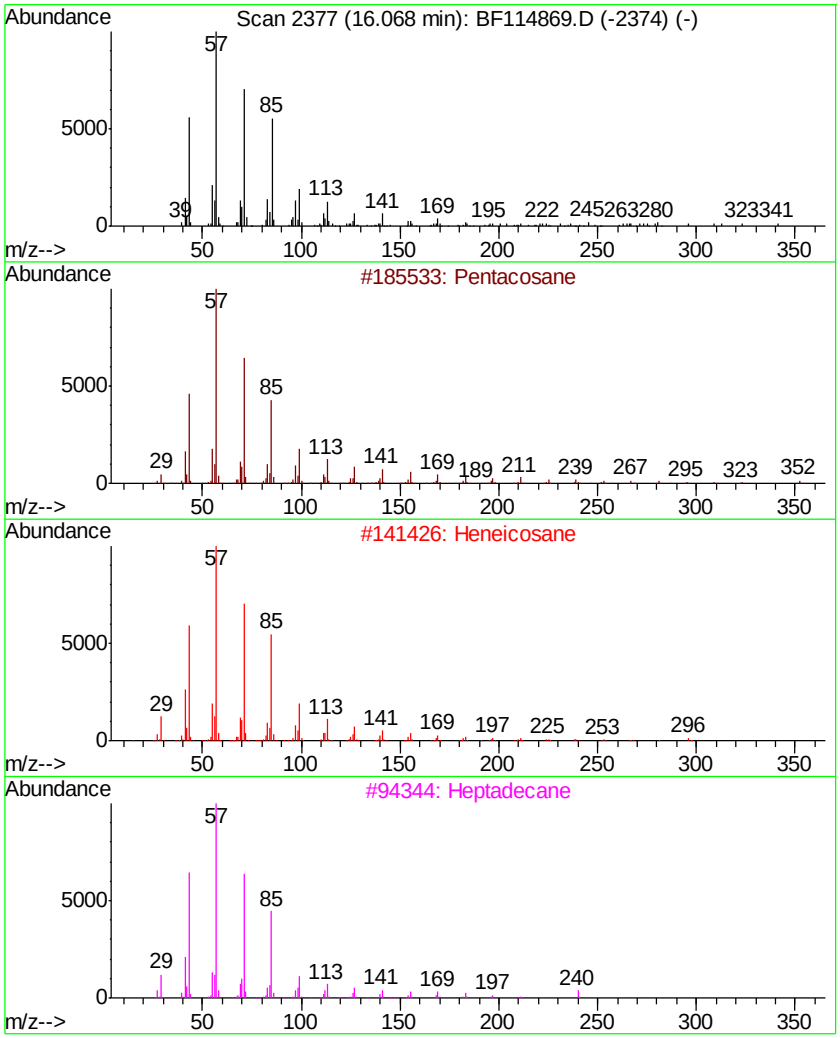
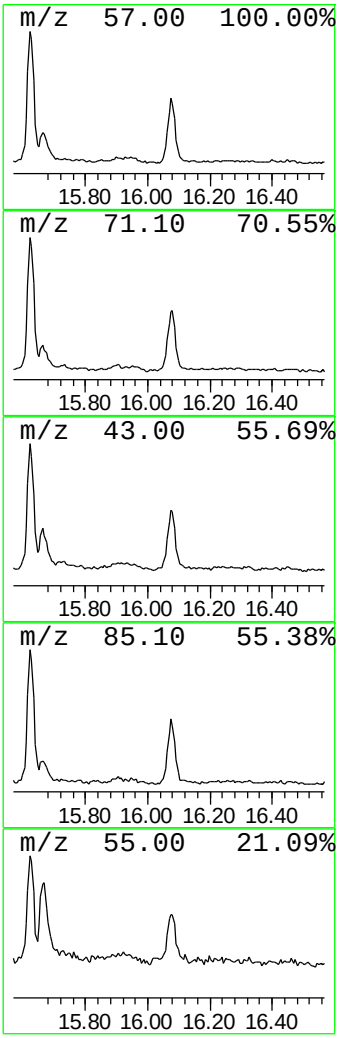
Peak Number 13 Pentacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	3.18 ng	408077	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane	240	C17H36	000629-78-7	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Hexacosane	366	C26H54	000630-01-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060619\
Data File : BF114869.D
Acq On : 6 Jun 2019 18:30
Operator : HP/JU
Sample : K3211-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200052

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
unknown6.45	6.45	87.7	ng	11342700	1	6.67	2587770	20.0
n-Hexadecanoic acid	11.72	9.2	ng	1969180	4	11.17	4286350	20.0
Octadecanoic acid	12.50	5.2	ng	839396	5	13.79	3235620	20.0
5-Eicosene, (E)-	13.66	12.1	ng	1959250	5	13.79	3235620	20.0
2-methyloctacosane	13.98	2.4	ng	380842	5	13.79	3235620	20.0
Tritetracontane	14.29	3.9	ng	630686	5	13.79	3235620	20.0
Eicosane	14.58	4.9	ng	631061	6	15.17	2563920	20.0
Heneicosane	14.89	5.6	ng	719973	6	15.17	2563920	20.0
Hexacosane	15.62	4.7	ng	602509	6	15.17	2563920	20.0
Cyclotetradecane	15.66	2.5	ng	319986	6	15.17	2563920	20.0
Pentacosane	16.07	3.2	ng	408077	6	15.17	2563920	20.0