LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
Data File : BF114725.D
Acq On : 31 May 2019 23:41
Operator : HP/JU
Sample : K3124-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-25-S

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-BF052919.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	5.310	542	548	551	rBV	7735879	9440862	85.99%	9.895%
2	6.334	715	722	725	rBV	7456149	9898075	90.15%	10.374%
3	6.469	739	745	748	rBV	8904476	9915176	90.31%	10.392%
4	6.692	779	783	787	rBV	3003615	2523720	22.99%	2.645%
5	6.851	805	810	813	rBV	8122172	7968879	72.58%	8.352%
6	7.257	872	879	882	rBV	5928809	6582139	59.95%	6.899%
7	7.975	996	1001	1004	rBV	3590834	3269917	29.78%	3.427%
8	9.051	1178	1184	1187	rBV	10237531	10979212	100.00%	11.508%
9	9.439	1242	1250	1253	rBV	1904705	1558721	14.20%	1.634%
10	9.722	1292	1298	1301	rBV	4212421	3742375	34.09%	3.923%
11	10.504	1422	1431	1434	rBV	7042462	7304754	66.53%	7.656%
12	11.192	1544	1548	1552	rVB	4262273	3692179	33.63%	3.870%
13	11.739	1637	1641	1651	rBV2	937673	1018320	9.27%	1.067%
14	12.516	1770	1773	1781	rBV	313715	359364	3.27%	0.377%
15	12.780	1812	1818	1821	rBV	9118869	9792714	89.19%	10.264%
16	13.680	1967	1971	1982	rBV2	378378	482144	4.39%	0.505%
17	13.810	1989	1993	1997	rBV	2881229	2858189	26.03%	2.996%
18	14.310	2075	2078	2084	rBV	173027	177646	1.62%	0.186%
19	14.604	2125	2128	2135	rVB	159344	152958	1.39%	0.160%
20	14.674	2136	2140	2143	rVB	125384	127346	1.16%	0.133%
21	14.915	2177	2181	2185	rBV	227923	236477	2.15%	0.248%
22	15.198	2224	2229	2235	rBV	2008803	2359908	21.49%	2.473%
23	15.262	2236	2240	2249	rVB	157610	195869	1.78%	0.205%
24	15.662	2303	2308	2312	rBV	189994	266932	2.43%	0.280%
25	16.121	2381	2386	2396	rVB	109309	192753	1.76%	0.202%
26	16.657	2471	2477	2484	rBV2	85812	171419	1.56%	0.180%
27	17.286	2578	2584	2592	rVB3	59011	139699	1.27%	0.146%

Sum of corrected areas: 95407747

LSC Report - Integrated Chromatogram

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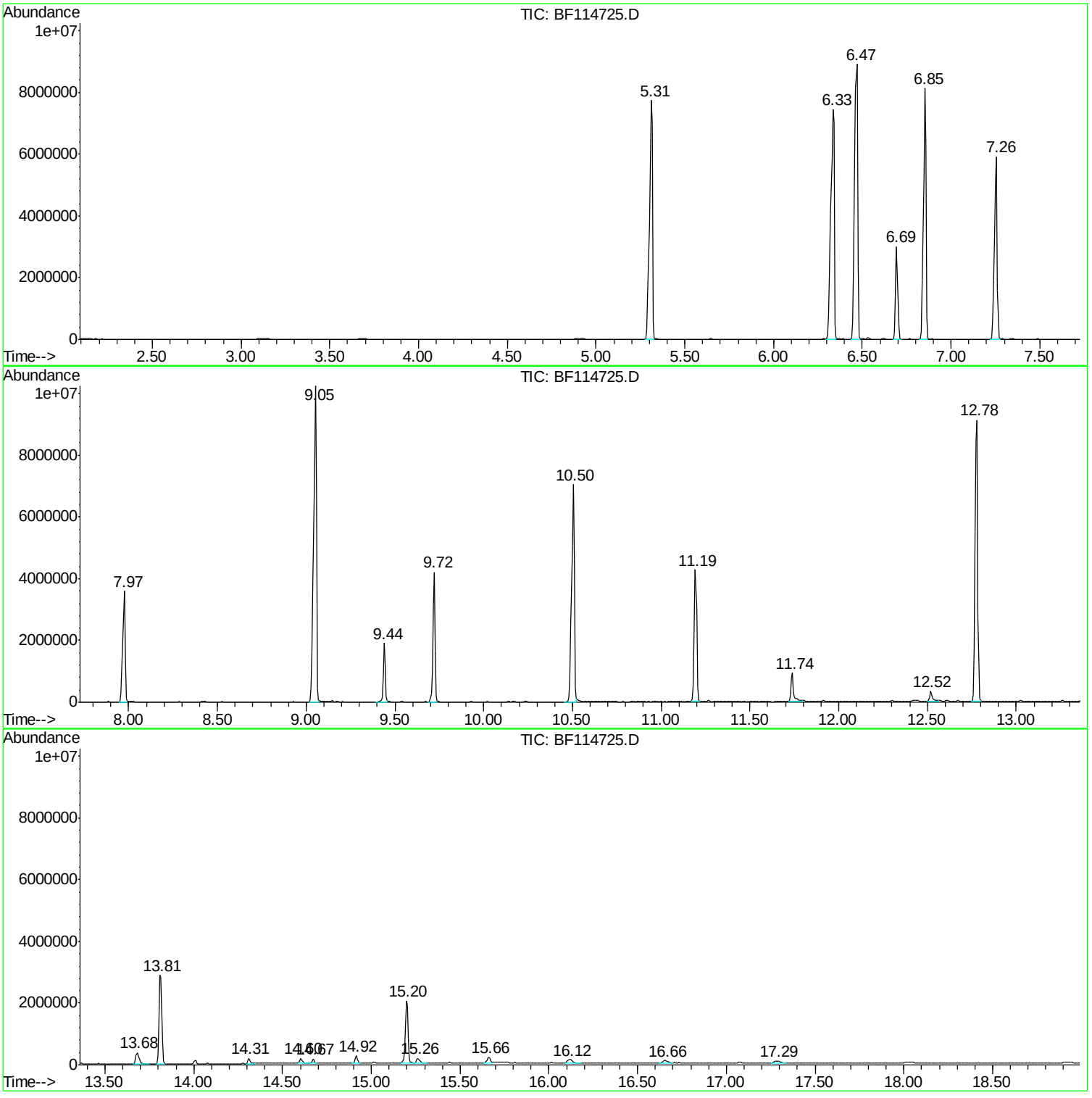
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-25-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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Operator : HP/JU
Sample : K3124-05
Misc :
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Instrument : BNA_F
ClientSampleId : TP-25-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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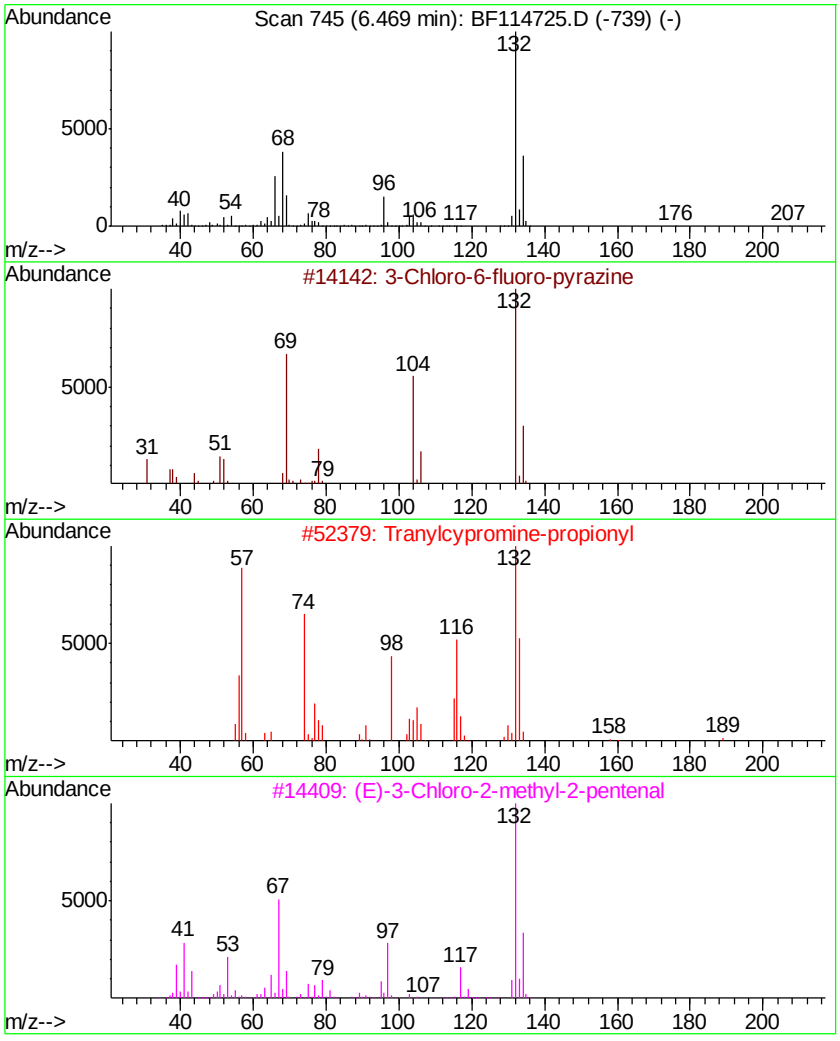
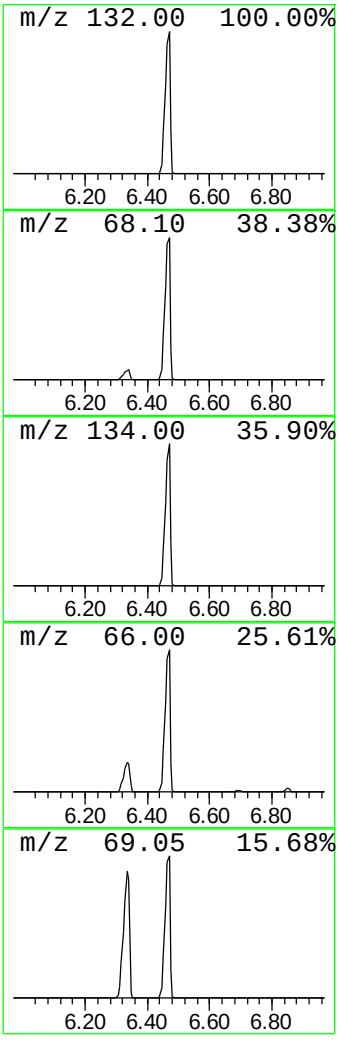
Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	78.58 ng	9915180	1,4-Dichlorobenzene-d4	6.69

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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Operator : HP/JU
Sample : K3124-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-25-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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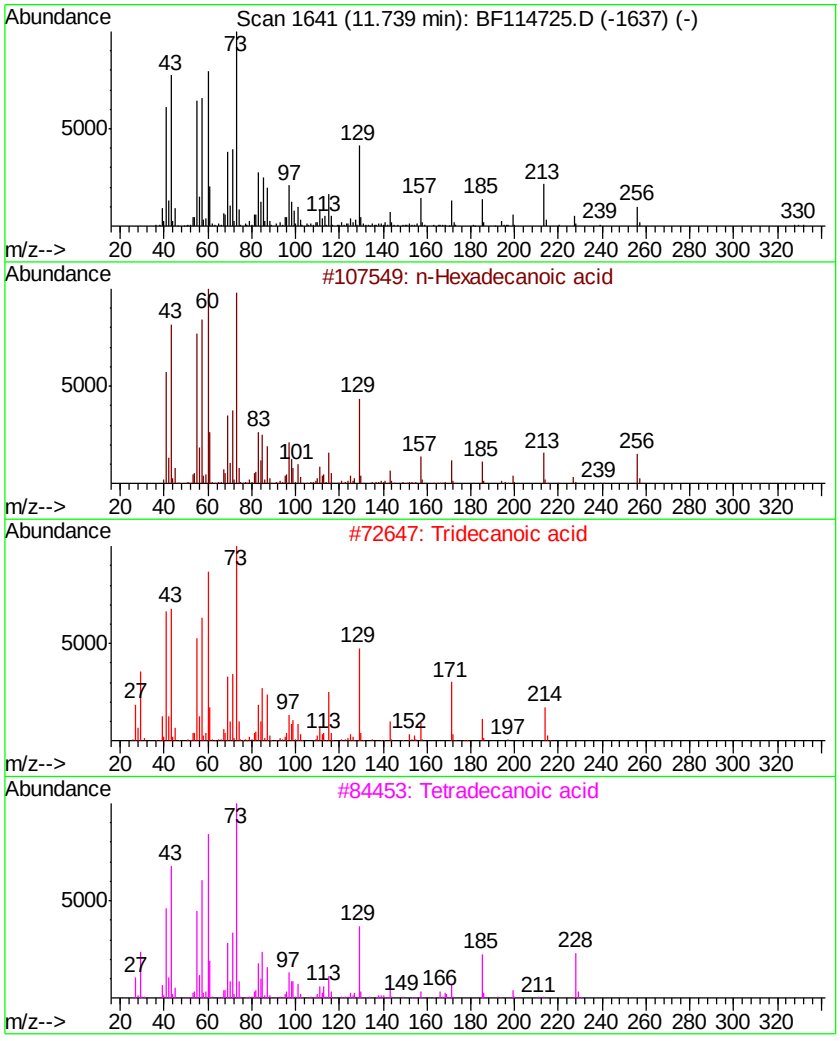
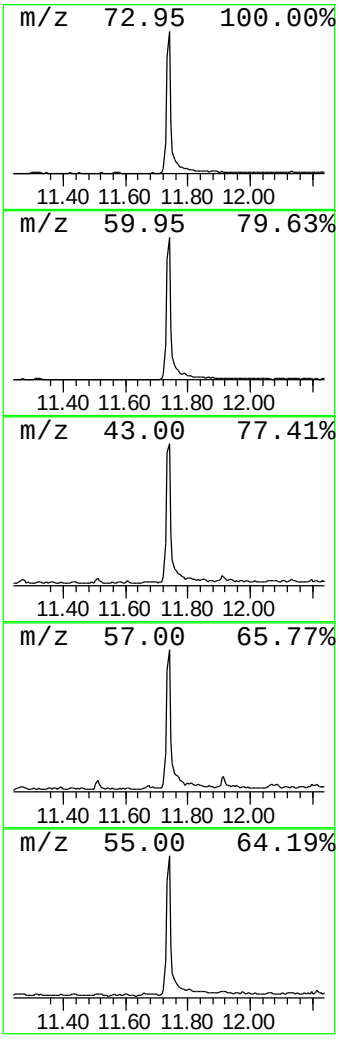
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	5.52 ng	1018320	Phenanthrene-d10	11.19

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	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
Data File : BF114725.D
Acq On : 31 May 2019 23:41
Operator : HP/JU
Sample : K3124-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-25-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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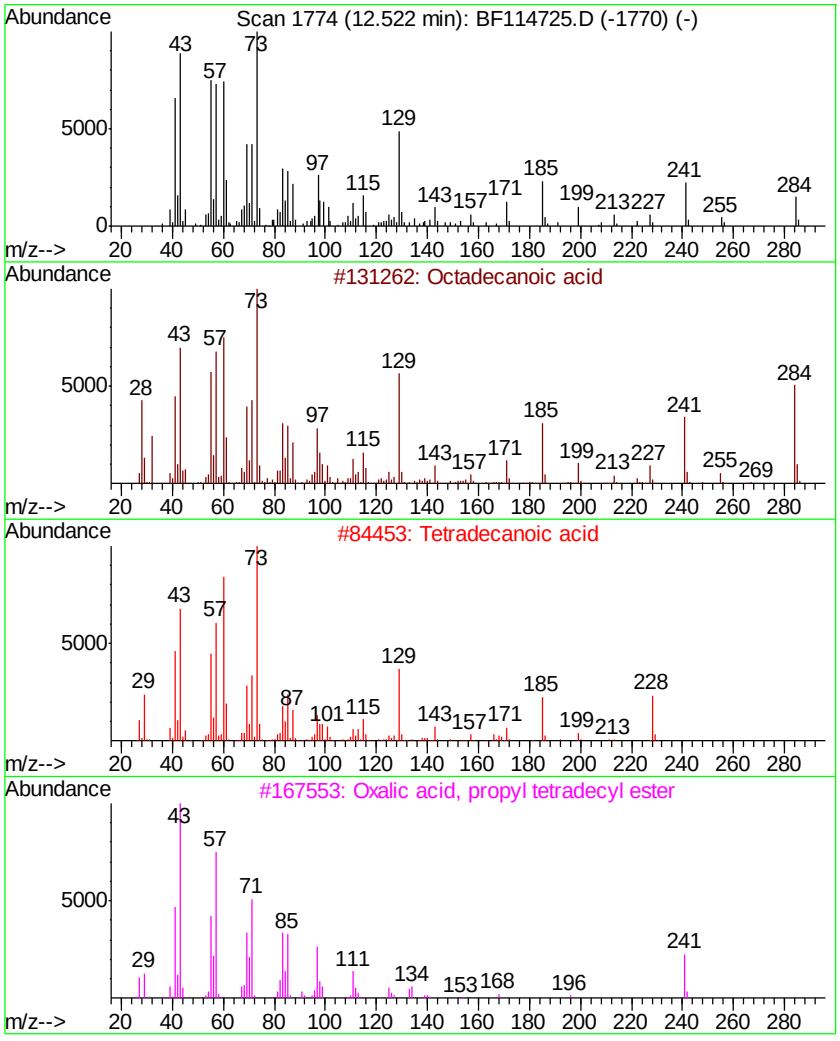
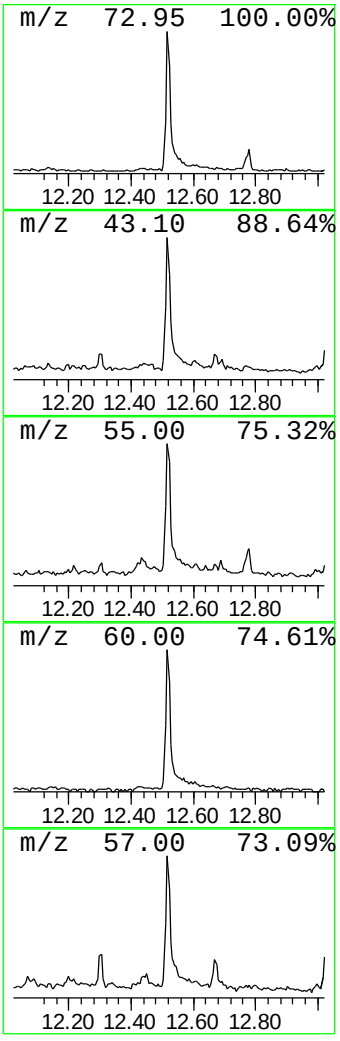
Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	2.51 ng	359364	Chrysene-d12	13.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	35
4	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	25
5	n-PROPYL NONYL ETHER	186	C12H26O	1000130-69-3	25





Library Search Compound Report

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Operator : HP/JU
Sample : K3124-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-25-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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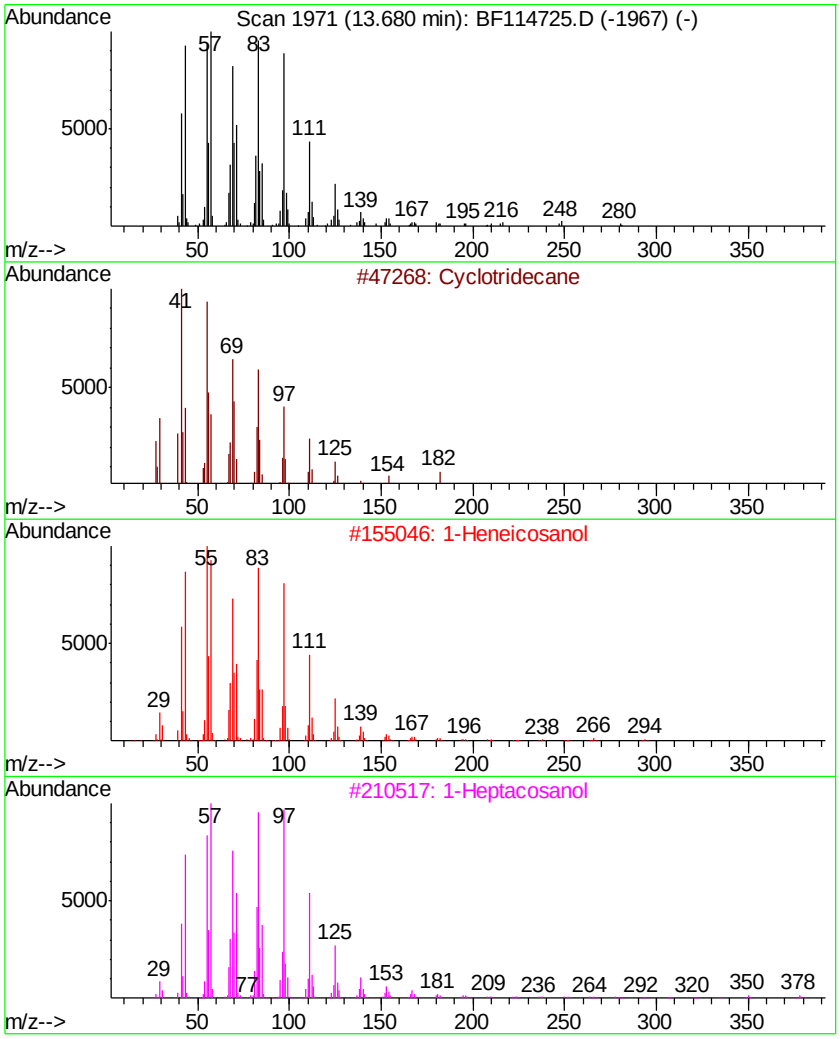
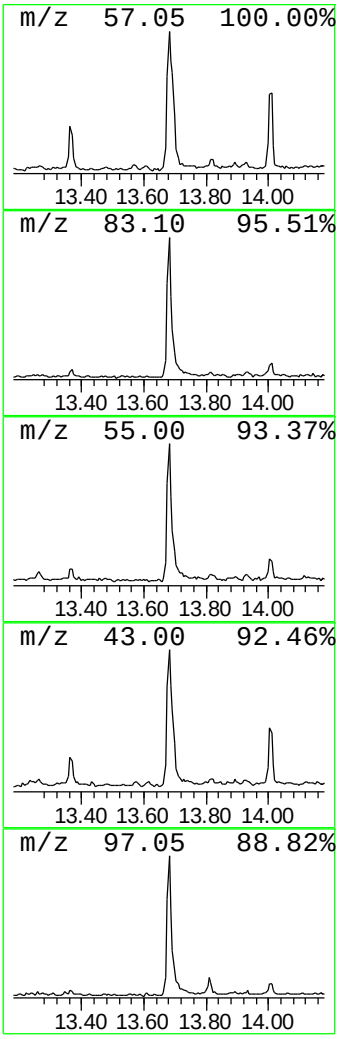
Peak Number 5 Cyclotridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	3.37 ng	482144	Chrysene-d12	13.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotridecane	182	C13H26	000295-02-3	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	1-Heptacosanol	396	C27H56O	002004-39-9	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
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Acq On : 31 May 2019 23:41
Operator : HP/JU
Sample : K3124-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-25-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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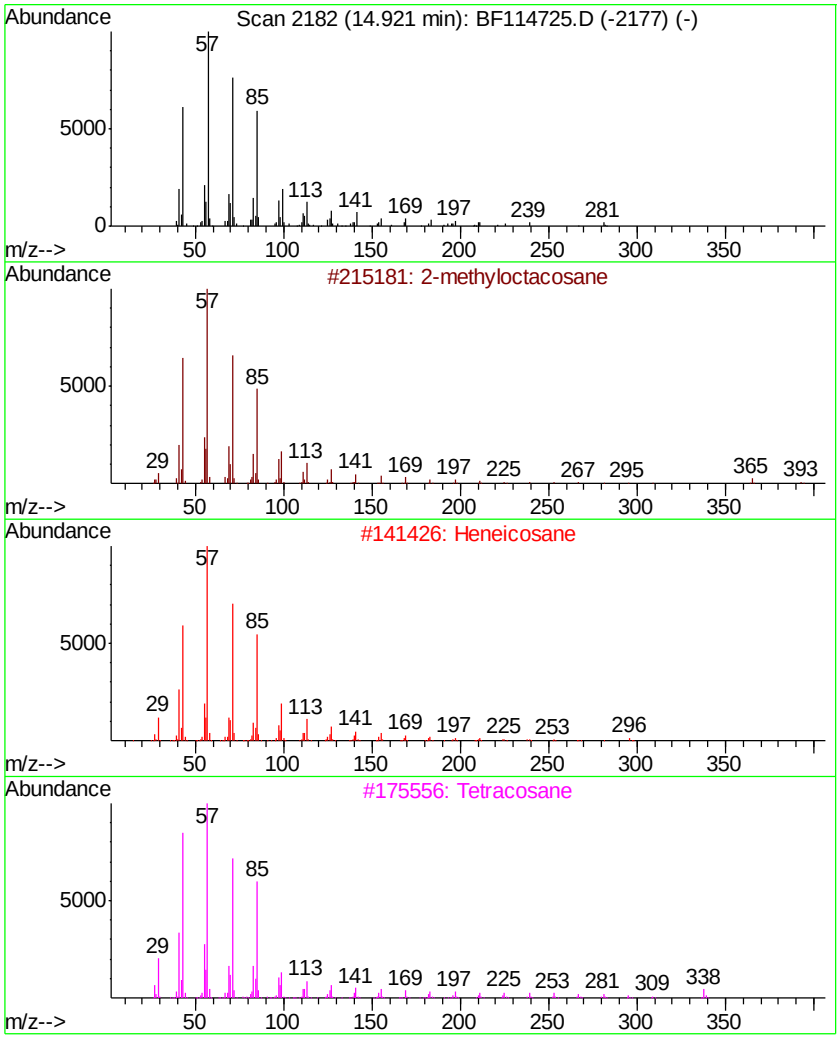
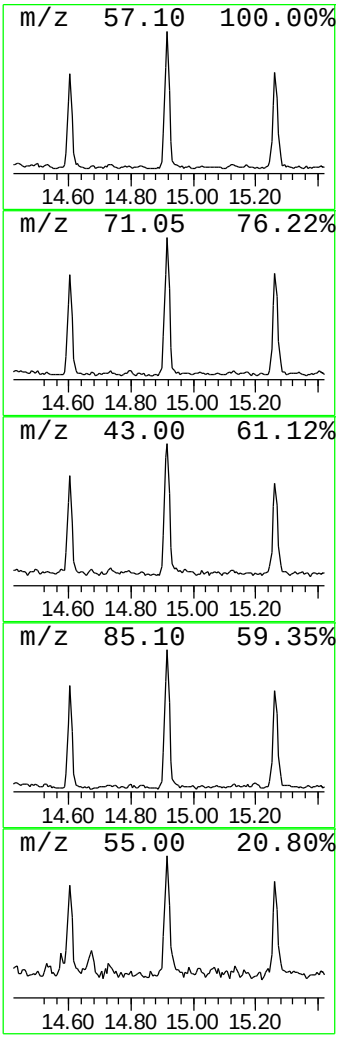
Peak Number 6 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	2.00 ng	236477	Perylene-d12	15.20

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	Tetracosane	338	C24H50	000646-31-1	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Octacosane	394	C28H58	000630-02-4	91





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-25-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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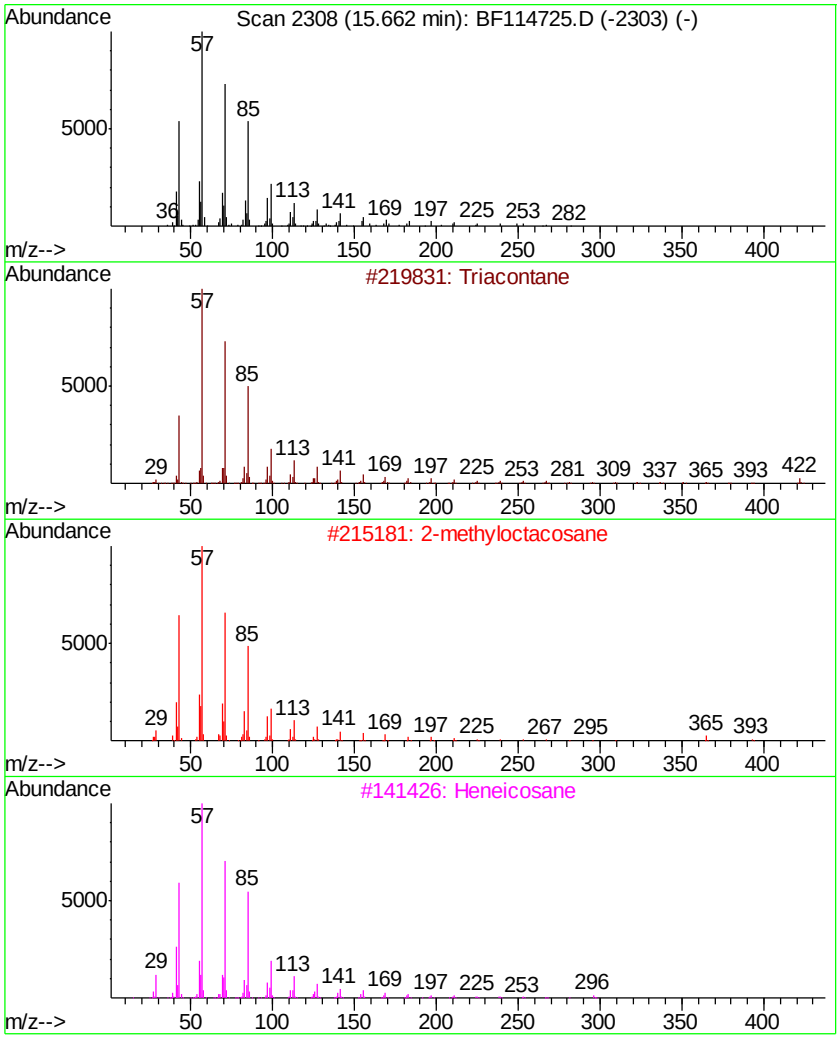
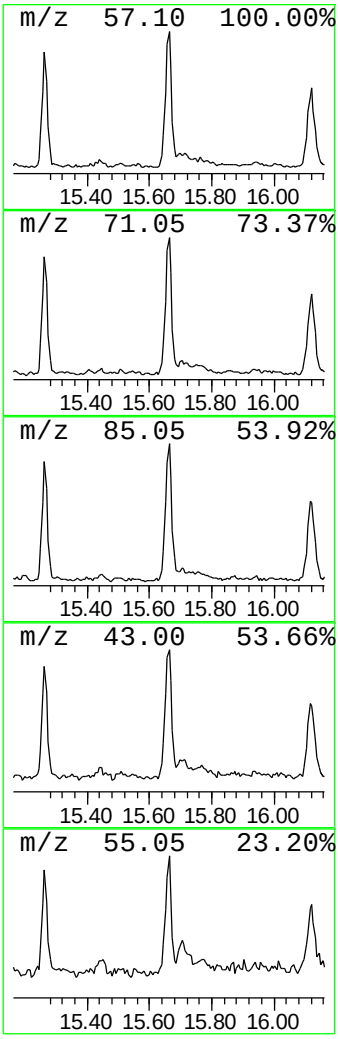
Peak Number 7 Triacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	2.26 ng	266932	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptacosane	380	C27H56	000593-49-7	90
5	Octacosane	394	C28H58	000630-02-4	90





Tentatively Identified Compound (LSC) summary

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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
unknown6.47	6.47	78.6	ng	9915180	1	6.69	2523720	20.0
n-Hexadecanoic acid	11.74	5.5	ng	1018320	4	11.19	3692180	20.0
Octadecanoic acid	12.52	2.5	ng	359364	5	13.81	2858190	20.0
Cyclotridecane	13.68	3.4	ng	482144	5	13.81	2858190	20.0
2-methyloctacosane	14.92	2.0	ng	236477	6	15.20	2359910	20.0
Triacontane	15.66	2.3	ng	266932	6	15.20	2359910	20.0