LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115259.D
Acq On : 28 Jun 2019 2:41
Operator : HP/JU
Sample : K3507-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-062619-A

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-BF062119.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	4.413	416	421	427	rBV	51586	66572	2.13%	0.198%
2	5.189	548	553	556	rBV	2222397	2147313	68.62%	6.400%
3	6.236	726	731	734	rBV	2613386	2270763	72.56%	6.768%
4	6.266	734	736	742	rVB	58269	55238	1.77%	0.165%
5	6.366	749	753	756	rBV	2756878	2389477	76.36%	7.122%
6	6.601	789	793	796	rBV	1497936	1303034	41.64%	3.884%
7	6.754	815	819	822	rBV	2498130	1907958	60.97%	5.687%
8	7.154	883	887	891	rBV	1621227	1394600	44.56%	4.157%
9	7.877	1007	1010	1014	rBV	2115849	1720618	54.98%	5.128%
10	8.954	1190	1193	1196	rBV	3459867	2786275	89.04%	8.305%
11	9.348	1257	1260	1264	rBV	547487	434268	13.88%	1.294%
12	9.624	1303	1307	1311	rBV	2502177	2006377	64.11%	5.980%
13	9.830	1335	1342	1346	rBV6	27904	57823	1.85%	0.172%
14	10.077	1381	1384	1389	rBV2	47415	43388	1.39%	0.129%
15	10.166	1395	1399	1401	rVB2	35001	41311	1.32%	0.123%
16	10.401	1436	1439	1445	rBV	1926929	1816842	58.06%	5.415%
17	10.548	1460	1464	1472	rVB2	73286	88640	2.83%	0.264%
18	10.742	1494	1497	1501	rBV4	36513	44973	1.44%	0.134%
19	10.995	1538	1540	1543	rBV	99642	71874	2.30%	0.214%
20	11.024	1543	1545	1549	rVB2	38727	36818	1.18%	0.110%
21	11.095	1553	1557	1560	rBV	2524817	2223467	71.05%	6.627%
22	11.118	1560	1561	1564	rVV	254475	138261	4.42%	0.412%
23	11.171	1567	1570	1574	rVB	64731	62449	2.00%	0.186%
24	11.424	1609	1613	1616	rBV2	131711	131202	4.19%	0.391%
25	11.513	1625	1628	1631	rVB2	66443	66231	2.12%	0.197%
26	11.595	1640	1642	1645	rBV3	68342	73436	2.35%	0.219%
27	11.624	1645	1647	1648	rVV	86822	56967	1.82%	0.170%
28	11.648	1648	1651	1657	rVB	327449	316504	10.11%	0.943%
29	11.707	1658	1661	1663	rBV	64952	69169	2.21%	0.206%
30	11.824	1678	1681	1686	rVB2	141738	132647	4.24%	0.395%
31	11.889	1689	1692	1694	rBV3	50356	51047	1.63%	0.152%
32	12.018	1712	1714	1716	rBV	56095	54968	1.76%	0.164%
33	12.071	1720	1723	1725	rBV2	60896	57465	1.84%	0.171%
34	12.142	1732	1735	1738	rBV2	128241	133381	4.26%	0.398%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115259.D
Acq On : 28 Jun 2019 2:41
Operator : HP/JU
Sample : K3507-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-062619-A

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-BF062119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.177	1738	1741	1743	rVV2	64851	80164	2.56%	0.239%
36	12.213	1744	1747	1750	rVV2	156812	172981	5.53%	0.516%
37	12.265	1754	1756	1759	rBV	46912	56916	1.82%	0.170%
38	12.295	1759	1761	1765	rVV	247841	239751	7.66%	0.715%
39	12.354	1768	1771	1775	rBV3	79138	114032	3.64%	0.340%
40	12.424	1781	1783	1787	rBV2	133720	176597	5.64%	0.526%
41	12.483	1791	1793	1795	rVV2	52736	42383	1.35%	0.126%
42	12.524	1796	1800	1802	rVV	270531	271679	8.68%	0.810%
43	12.583	1807	1810	1815	rVB2	184553	222913	7.12%	0.664%
44	12.677	1822	1826	1830	rBV	3524528	3129397	100.00%	9.327%
45	12.936	1868	1870	1872	rVB	136990	86961	2.78%	0.259%
46	13.048	1886	1889	1892	rBV	88594	128463	4.11%	0.383%
47	13.277	1926	1928	1930	rBV	221757	150099	4.80%	0.447%
48	13.601	1981	1983	1987	rBV	243242	224917	7.19%	0.670%
49	13.718	1999	2003	2005	rBV	1948575	1947864	62.24%	5.806%
50	13.918	2035	2037	2040	rBV	263571	191055	6.11%	0.569%
51	14.224	2086	2089	2092	rBV	396874	398913	12.75%	1.189%
52	14.518	2136	2139	2143	rBV2	456815	511913	16.36%	1.526%
53	15.083	2231	2235	2238	rVB	1117922	1152583	36.83%	3.435%

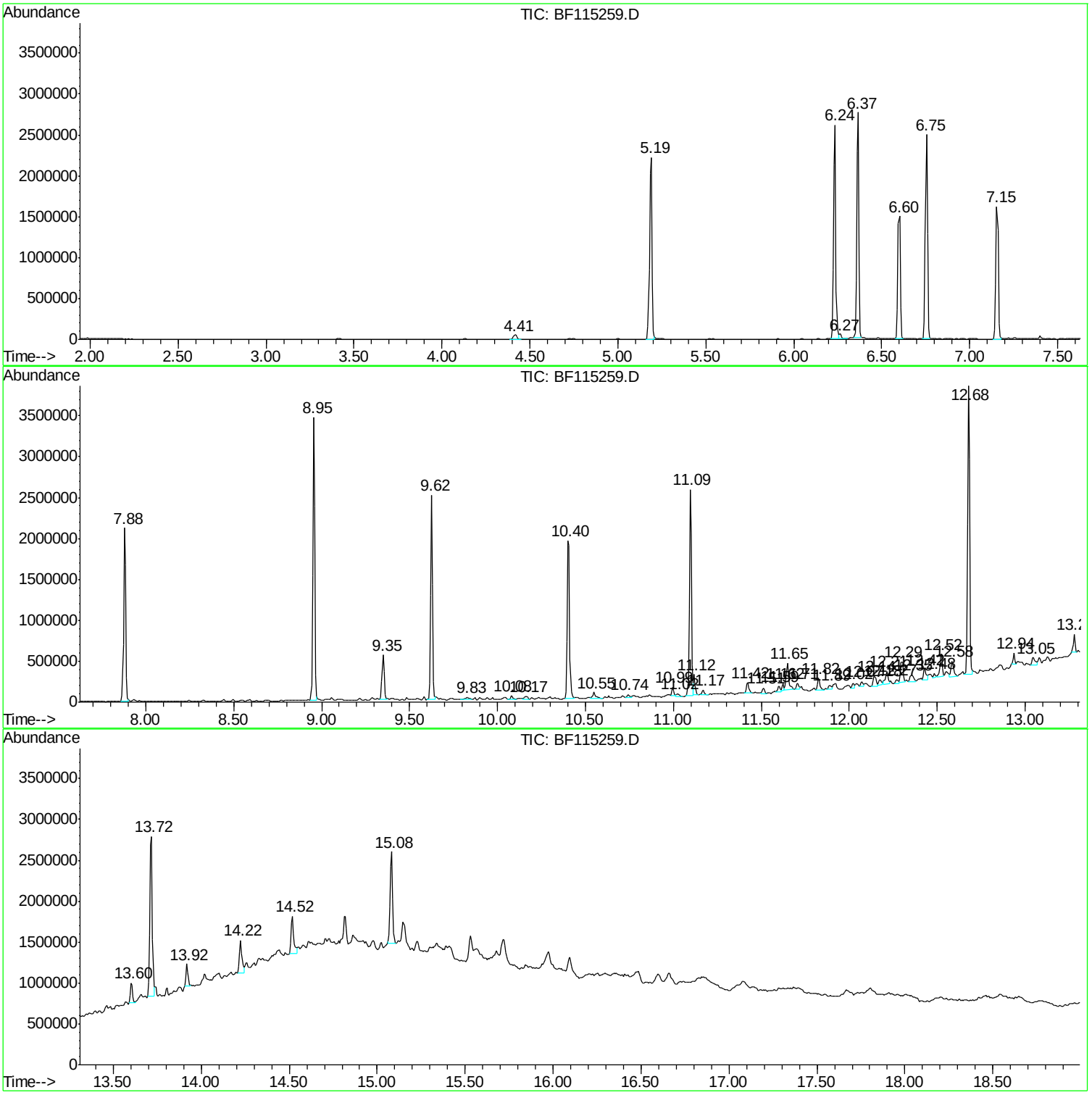
Sum of corrected areas: 33550937

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115259.D
Acq On : 28 Jun 2019 2:41
Operator : HP/JU
Sample : K3507-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-062619-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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\BF062719\
Data File : BF115259.D
Acq On : 28 Jun 2019 2:41
Operator : HP/JU
Sample : K3507-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-062619-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

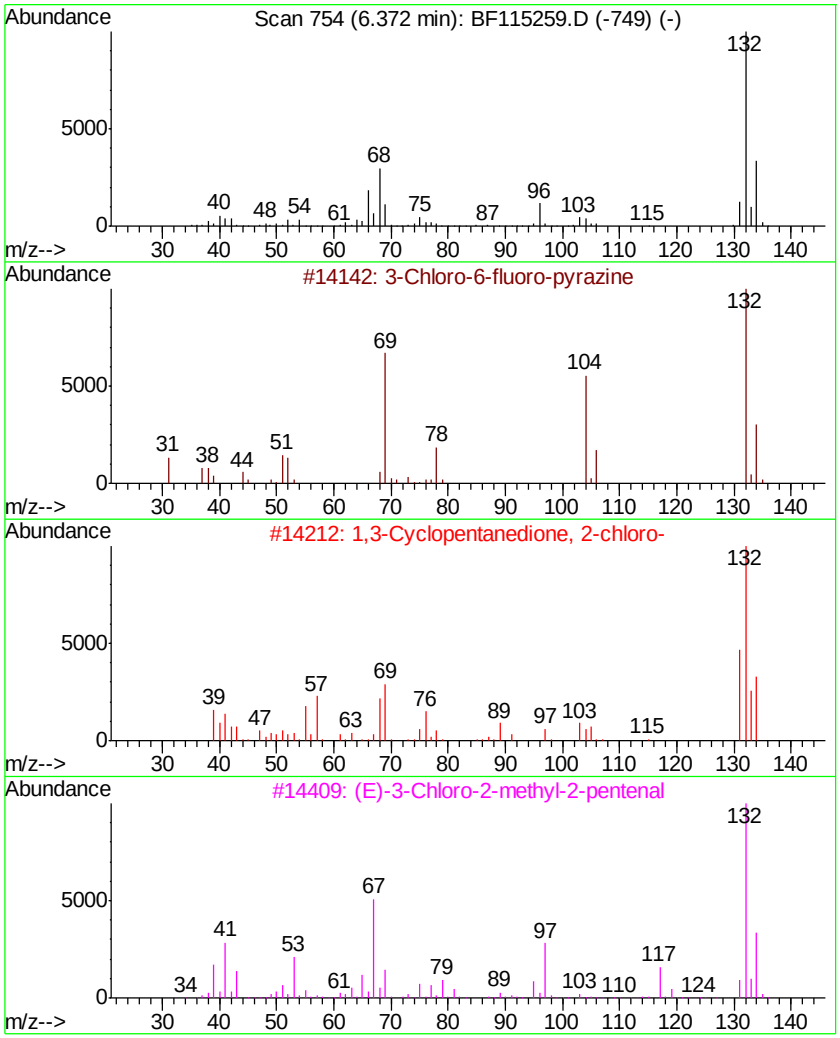
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

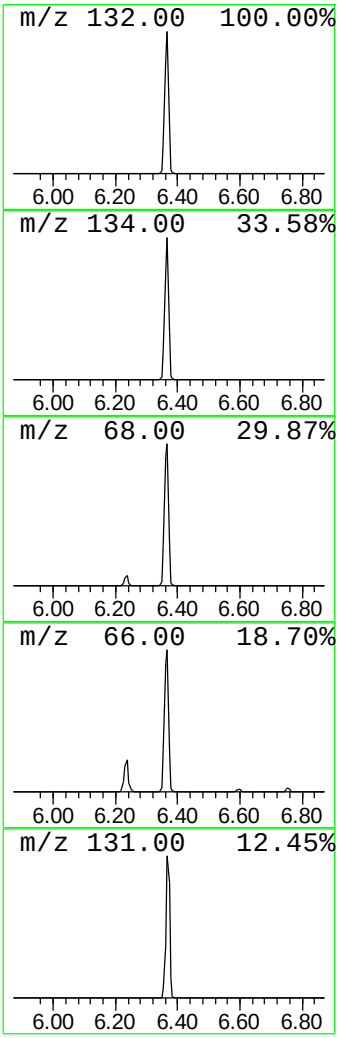
****

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	36.68 ng	2389480	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	37
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
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\BF062719\
Data File : BF115259.D
Acq On : 28 Jun 2019 2:41
Operator : HP/JU
Sample : K3507-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-062619-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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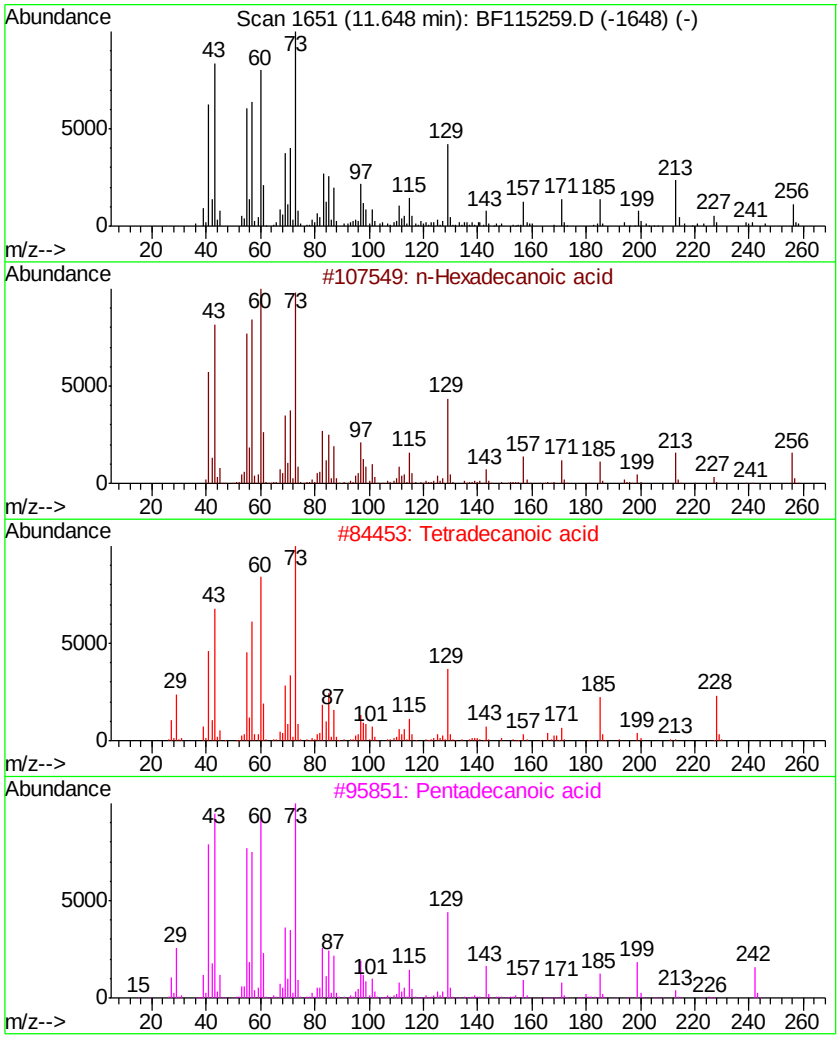
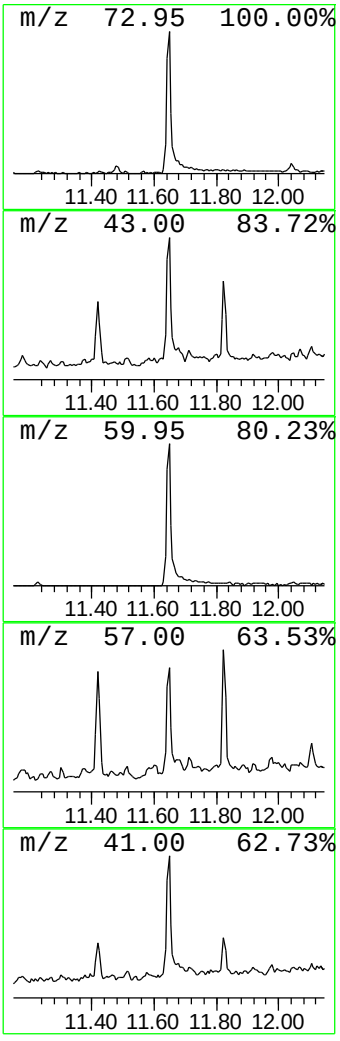
Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	2.85 ng	316504	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Undecanoic acid	186	C11H22O2	000112-37-8	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115259.D
Acq On : 28 Jun 2019 2:41
Operator : HP/JU
Sample : K3507-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-062619-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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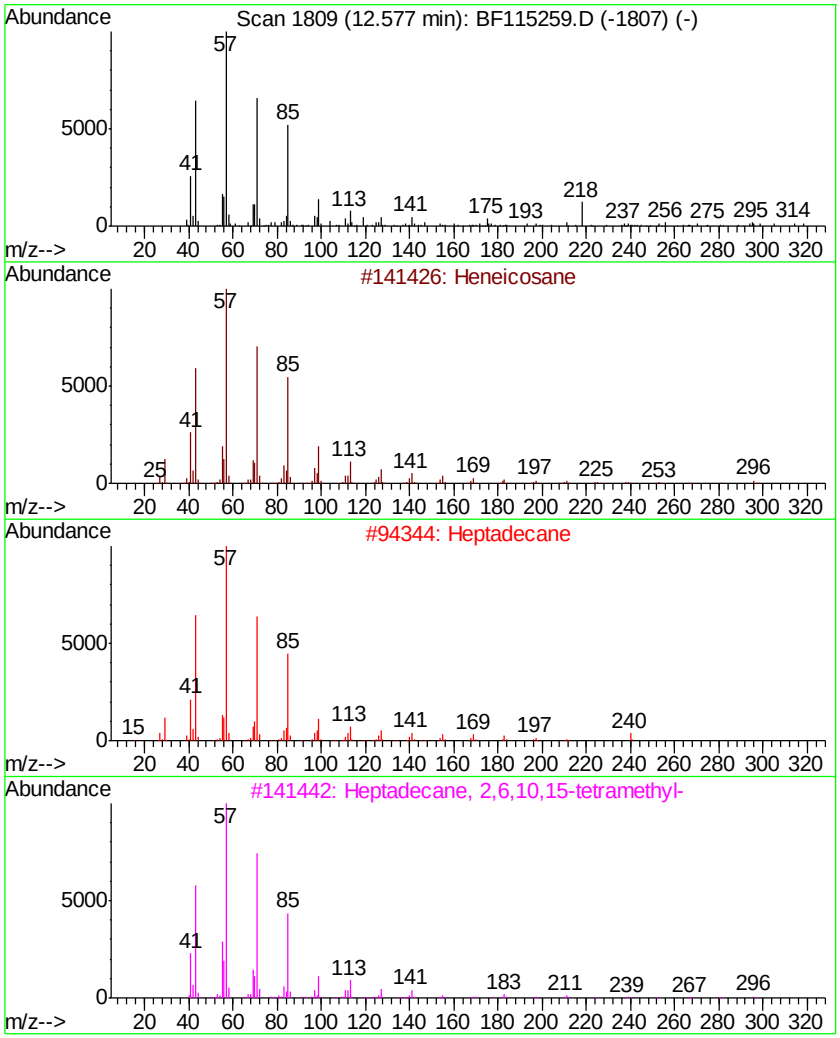
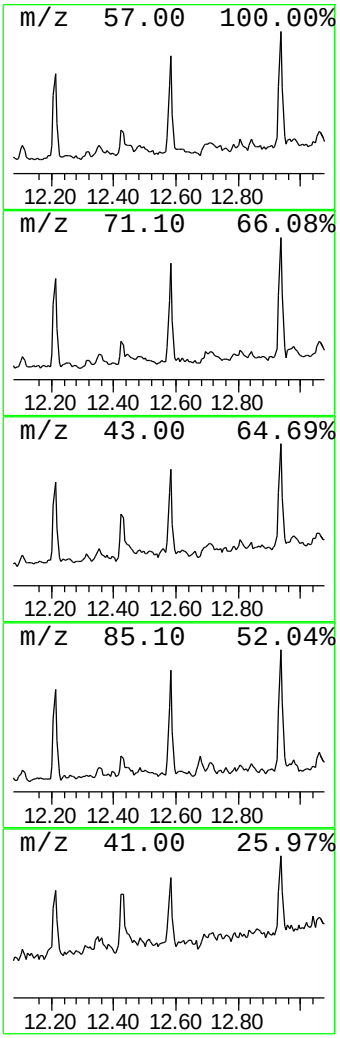
Peak Number 4 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	2.29 ng	222913	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Heptadecane	240	C17H36	000629-78-7	92
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4	Nonadecane	268	C19H40	000629-92-5	86
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115259.D
Acq On : 28 Jun 2019 2:41
Operator : HP/JU
Sample : K3507-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-062619-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

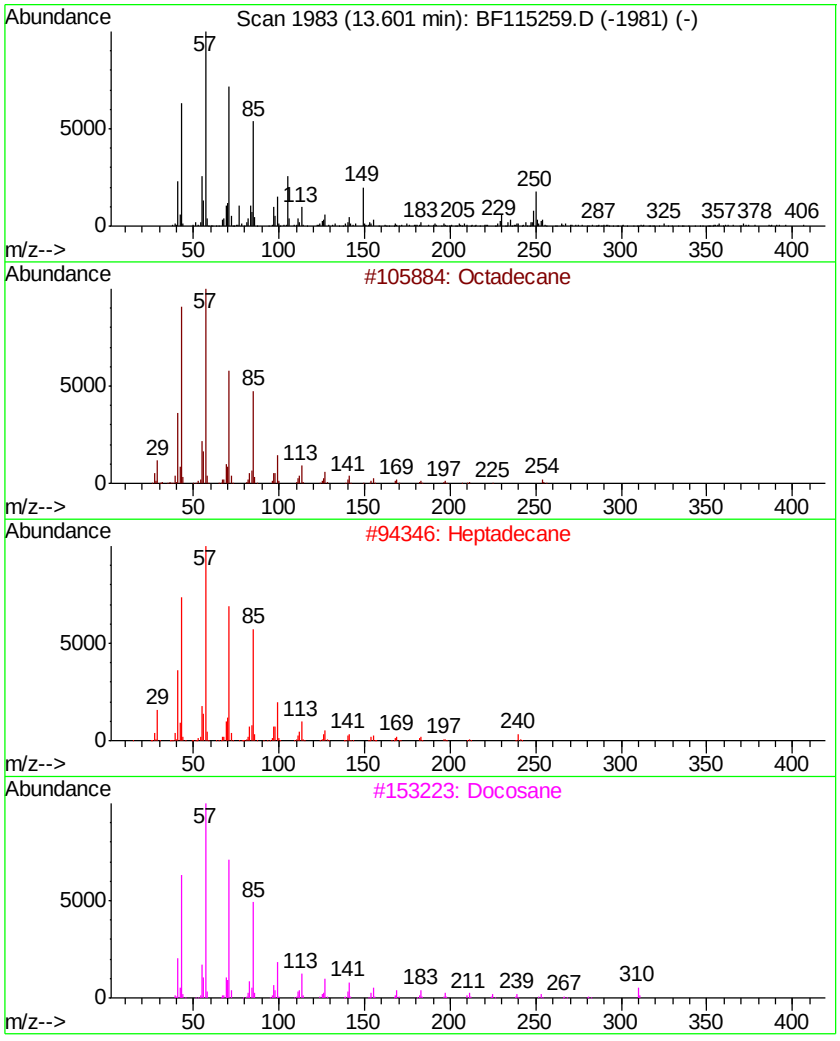
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

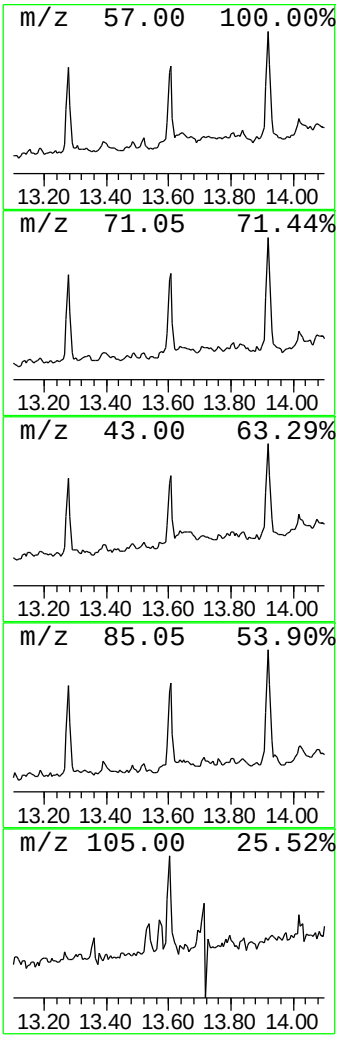
****

Peak Number 5 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	2.31 ng	224917	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Docosane	310	C22H46	000629-97-0	91
4	Heneicosane	296	C21H44	000629-94-7	64
5	Hexacosane	366	C26H54	000630-01-3	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115259.D
Acq On : 28 Jun 2019 2:41
Operator : HP/JU
Sample : K3507-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-062619-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

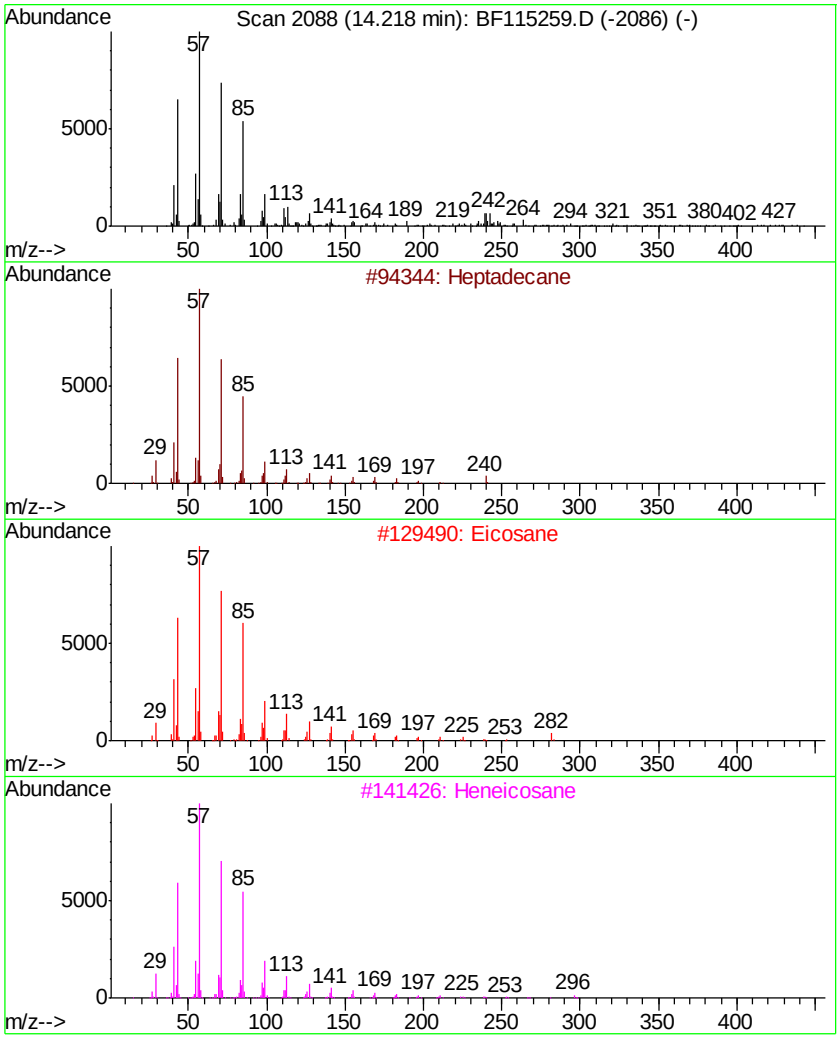
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

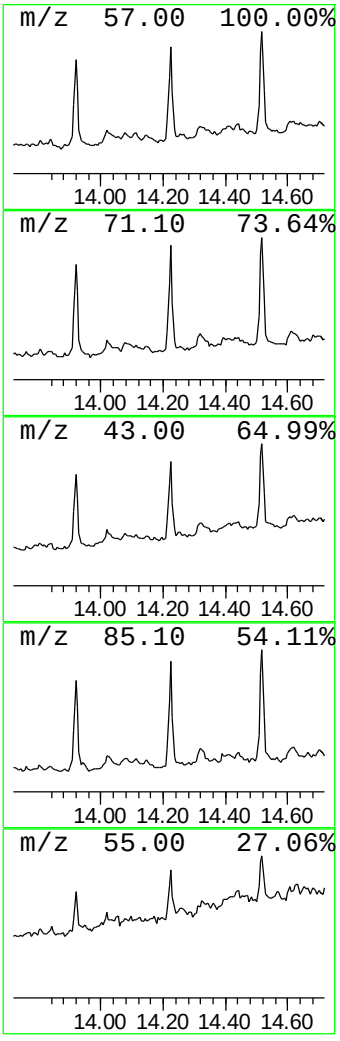
****

Peak Number 6 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	4.10 ng	398913	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Eicosane	282	C20H42	000112-95-8	93
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115259.D
Acq On : 28 Jun 2019 2:41
Operator : HP/JU
Sample : K3507-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-062619-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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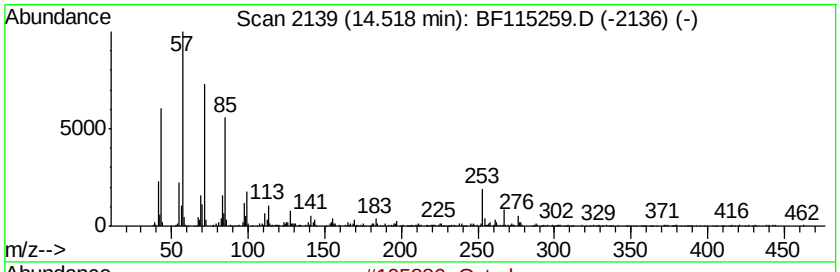
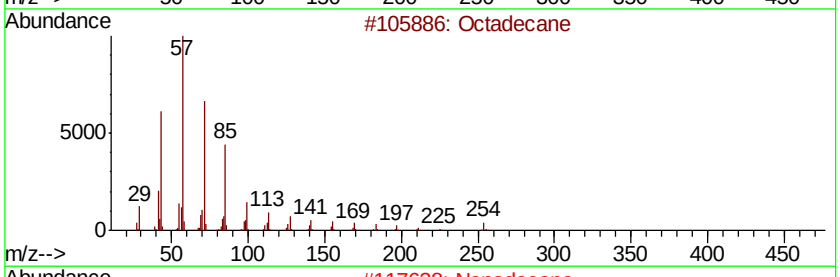
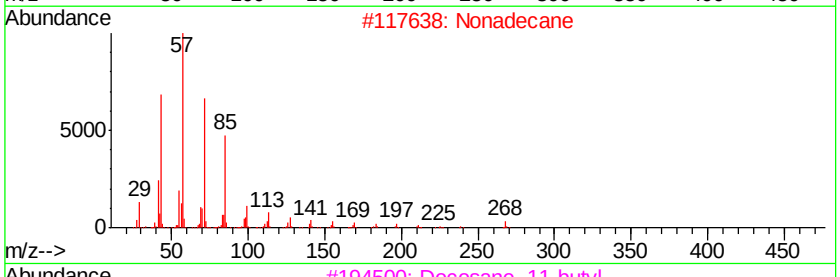
Peak Number 7 Nonadecane Concentration Rank 3

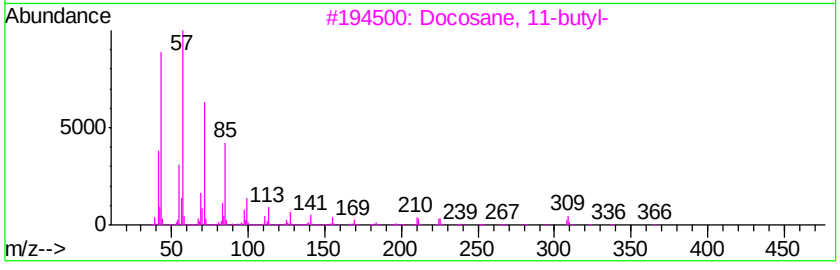
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	8.88 ng	511913	Perylene-d12	15.08

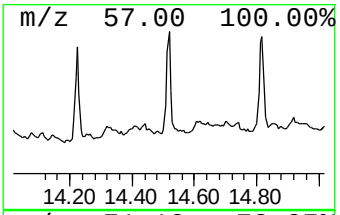
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Nonadecane	268	C19H40	000629-92-5	94
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
5	Hexadecane	226	C16H34	000544-76-3	86

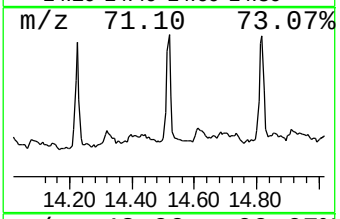


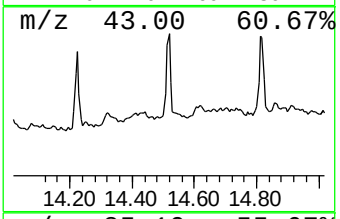


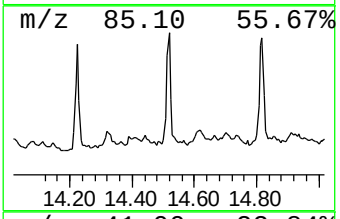


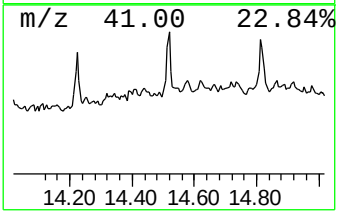












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062719\
Data File : BF115259.D
Acq On : 28 Jun 2019 2:41
Operator : HP/JU
Sample : K3507-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-062619-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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
unknown-01	6.37	36.7	ng	2389480	1	6.60	1303030	20.0
n-Hexadecanoic acid	11.65	2.9	ng	316504	4	11.09	2223470	20.0
Heneicosane	12.58	2.3	ng	222913	5	13.72	1947860	20.0
Octadecane	13.60	2.3	ng	224917	5	13.72	1947860	20.0
Heptadecane	14.22	4.1	ng	398913	5	13.72	1947860	20.0
Nonadecane	14.52	8.9	ng	511913	6	15.08	1152580	20.0