LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109229.D
Acq On : 22 Sep 2018 18:47
Operator : JU/SJ
Sample : J4777-11 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-0920-18-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-BF092218.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	5.298	543	546	557	rVB	299684	254246	24.43%	2.967%
2	6.328	718	721	729	rBV	346612	274385	26.36%	3.202%
3	6.469	741	745	748	rBV	326607	278040	26.71%	3.244%
4	6.704	781	785	788	rBV	900575	717377	68.93%	8.371%
5	6.857	808	811	815	rBV	285483	221611	21.29%	2.586%
6	7.257	876	879	886	rBV	207464	159474	15.32%	1.861%
7	7.986	999	1003	1006	rBV	1216052	944276	90.73%	11.019%
8	9.057	1182	1185	1189	rBV	423253	323424	31.08%	3.774%
9	9.186	1204	1207	1210	rBV	23685	20480	1.97%	0.239%
10	9.451	1249	1252	1255	rBV	87073	66633	6.40%	0.778%
11	9.733	1296	1300	1304	rBV	1267127	1040774	100.00%	12.145%
12	10.510	1429	1432	1439	rVB	163429	154488	14.84%	1.803%
13	11.210	1547	1551	1553	rBV	1230030	967835	92.99%	11.294%
14	11.227	1553	1554	1558	rVB	62836	49150	4.72%	0.574%
15	11.710	1633	1636	1638	rBV	24791	21832	2.10%	0.255%
16	11.733	1638	1640	1646	rVB	31997	34069	3.27%	0.398%
17	11.816	1651	1654	1657	rVV	30909	33779	3.25%	0.394%
18	11.839	1657	1658	1664	rVB	17690	15543	1.49%	0.181%
19	12.004	1683	1686	1688	rBV	13378	12519	1.20%	0.146%
20	12.021	1688	1689	1695	rVB4	11589	13316	1.28%	0.155%
21	12.257	1725	1729	1732	rBV	29998	29772	2.86%	0.347%
22	12.339	1741	1743	1748	rVB4	11070	14476	1.39%	0.169%
23	12.416	1753	1756	1761	rVB	77864	69796	6.71%	0.814%
24	12.639	1790	1794	1797	rBV	143560	121663	11.69%	1.420%
25	12.704	1803	1805	1809	rVB	14056	13167	1.27%	0.154%
26	12.786	1816	1819	1827	rVB	321151	267268	25.68%	3.119%
27	12.863	1829	1832	1836	rBV2	16293	21782	2.09%	0.254%
28	13.039	1859	1862	1864	rVB3	15169	13315	1.28%	0.155%
29	13.068	1864	1867	1871	rBV	24918	29655	2.85%	0.346%
30	13.163	1880	1883	1886	rVB	27361	22790	2.19%	0.266%
31	13.192	1886	1888	1891	rBV	27265	20391	1.96%	0.238%
32	13.239	1893	1896	1898	rVB3	14497	14485	1.39%	0.169%
33	13.286	1900	1904	1906	rBV5	7816	12493	1.20%	0.146%
34	13.374	1915	1919	1923	rBV6	13782	21201	2.04%	0.247%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109229.D
Acq On : 22 Sep 2018 18:47
Operator : JU/SJ
Sample : J4777-11 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-0920-18-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-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.474	1931	1936	1940	rBV3	13873	20561	1.98%	0.240%
36	13.574	1950	1953	1958	rBV4	17364	25674	2.47%	0.300%
37	13.710	1974	1976	1980	rVB5	13268	18097	1.74%	0.211%
38	13.833	1992	1997	2000	rBV	791920	758425	72.87%	8.850%
39	13.857	2000	2001	2005	rVB	57673	34094	3.28%	0.398%
40	14.021	2026	2029	2032	rVB3	21257	20296	1.95%	0.237%
41	14.180	2054	2056	2058	rBV2	14747	14738	1.42%	0.172%
42	14.251	2066	2068	2071	rBV2	13134	14843	1.43%	0.173%
43	14.321	2077	2080	2083	rBV2	29684	38253	3.68%	0.446%
44	14.621	2127	2131	2137	rBV3	47095	71736	6.89%	0.837%
45	14.839	2165	2168	2171	rBV2	29681	41924	4.03%	0.489%
46	14.933	2181	2184	2190	rVB	72392	80431	7.73%	0.939%
47	15.168	2221	2224	2228	rBV	40662	48700	4.68%	0.568%
48	15.233	2230	2235	2239	rVV	610587	692139	66.50%	8.076%
49	15.286	2240	2244	2248	rVB	79371	101720	9.77%	1.187%
50	15.686	2308	2312	2318	rBV2	84994	127857	12.28%	1.492%
51	16.145	2387	2390	2399	rVB2	65451	118211	11.36%	1.379%
52	16.292	2412	2415	2422	rVB4	34811	66631	6.40%	0.778%

Sum of corrected areas: 8569835

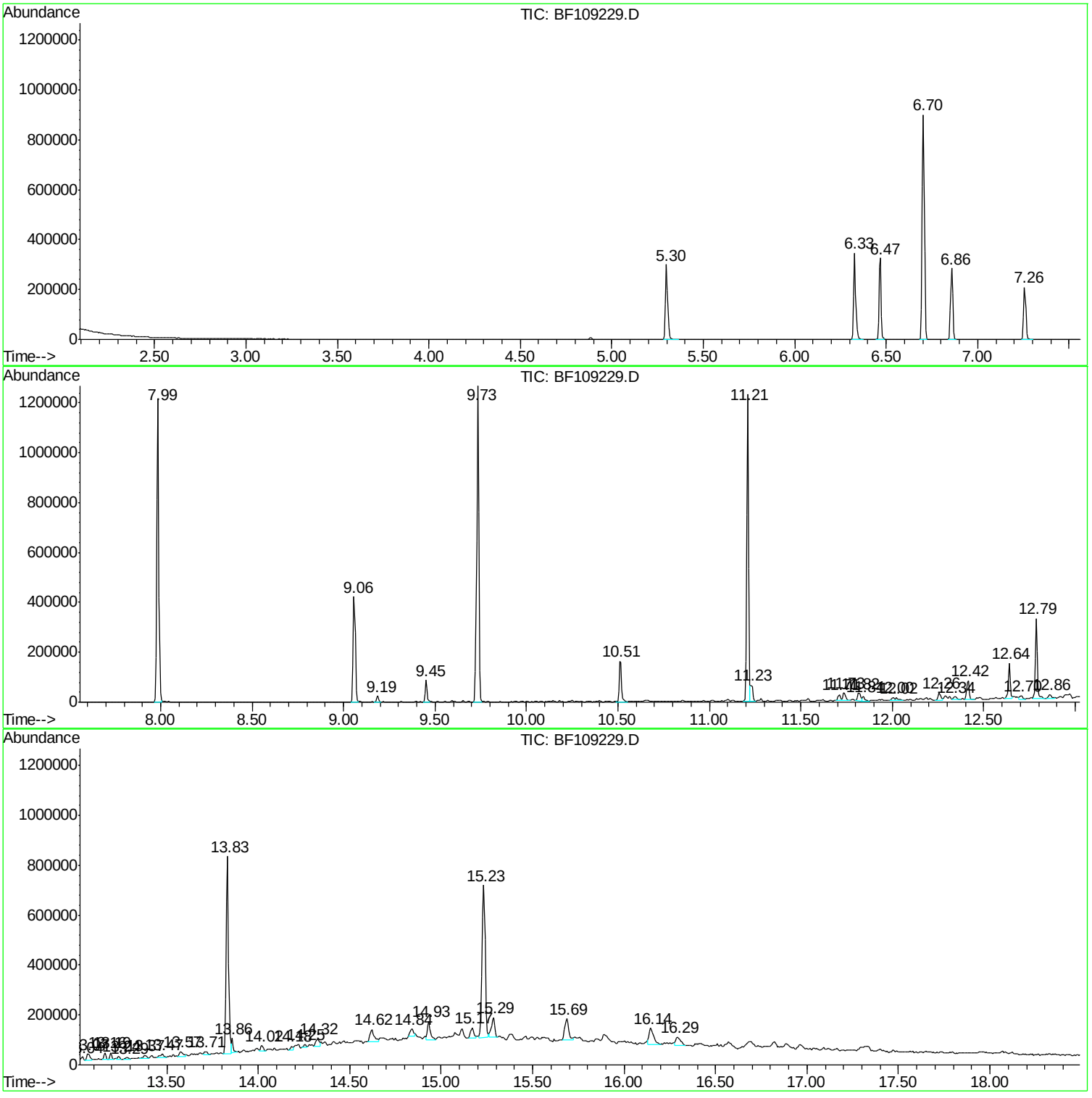
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109229.D
Acq On : 22 Sep 2018 18:47
Operator : JU/SJ
Sample : J4777-11 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-0920-18-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109229.D
Acq On : 22 Sep 2018 18:47
Operator : JU/SJ
Sample : J4777-11 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-0920-18-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

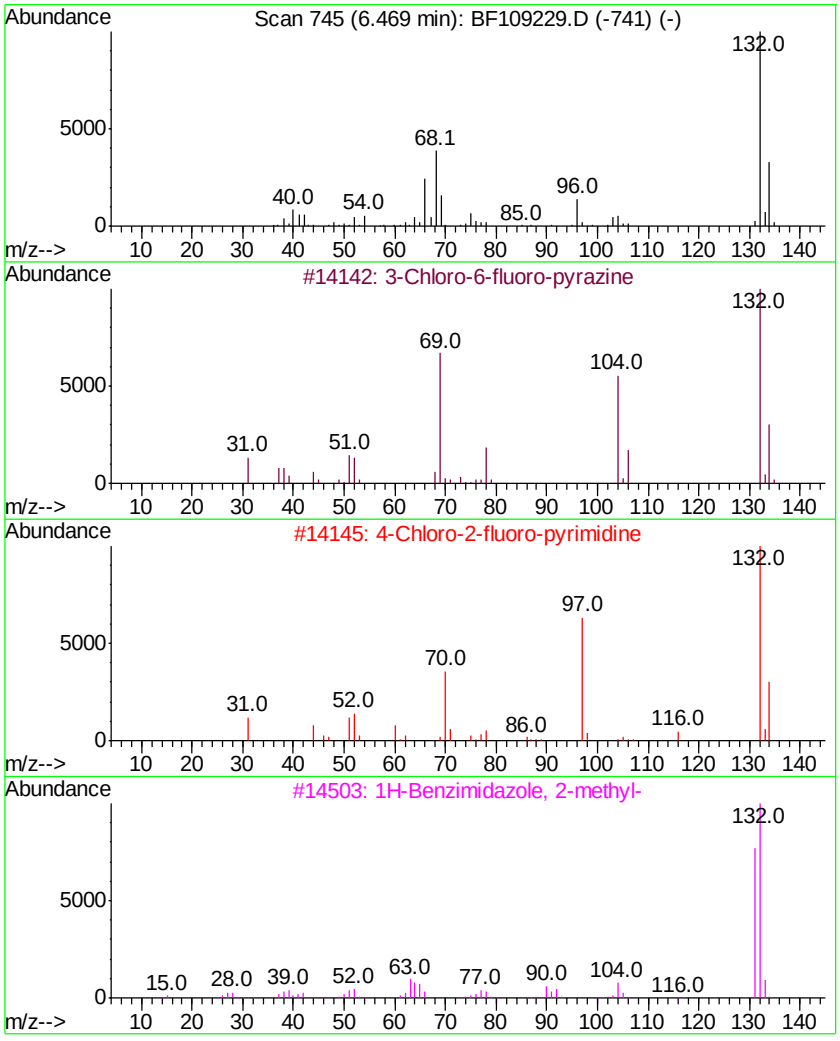
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

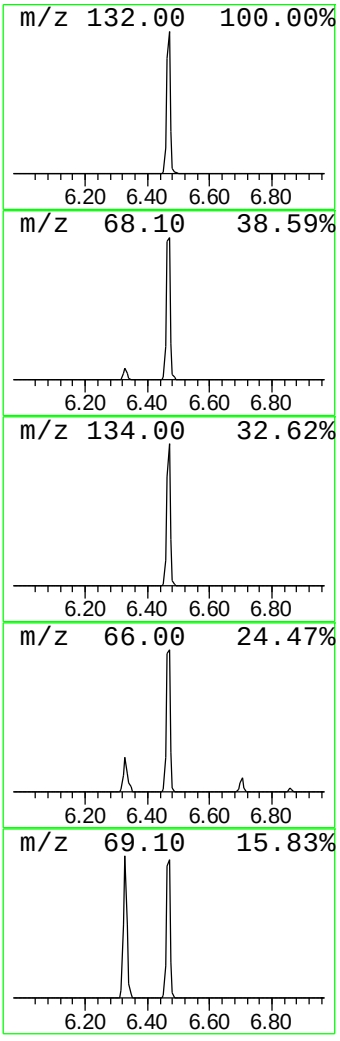
****

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	7.75 ng	278040	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109229.D
Acq On : 22 Sep 2018 18:47
Operator : JU/SJ
Sample : J4777-11 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-0920-18-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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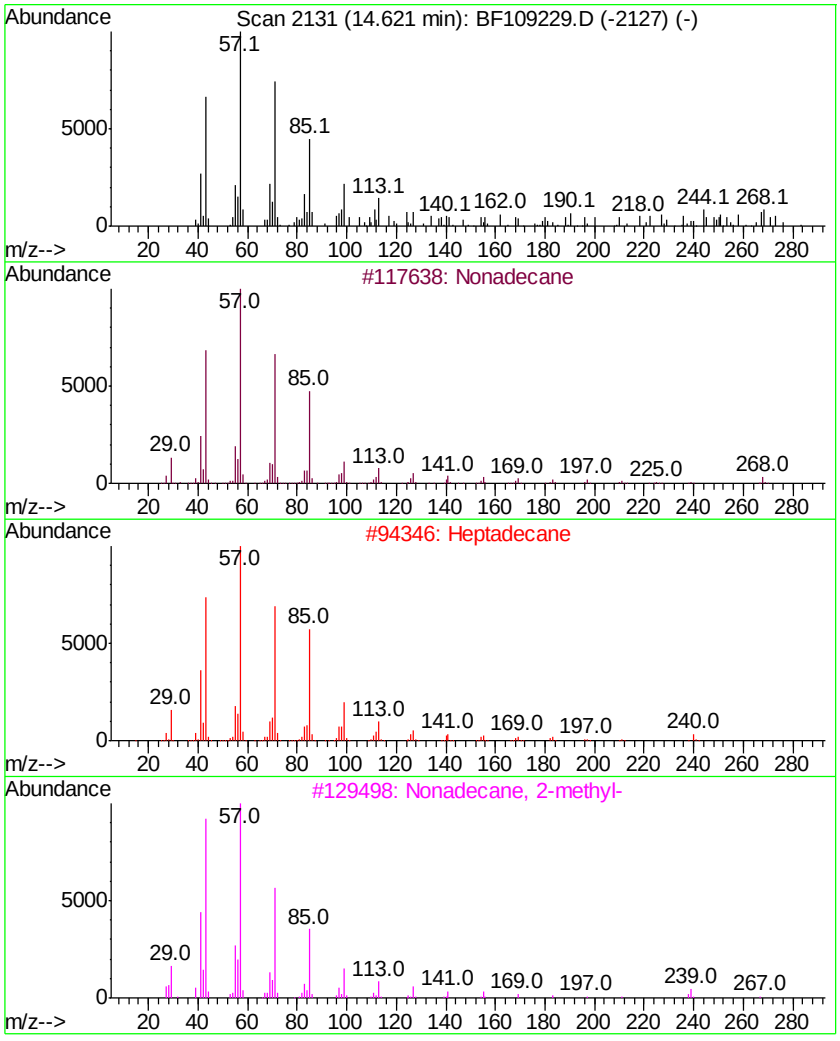
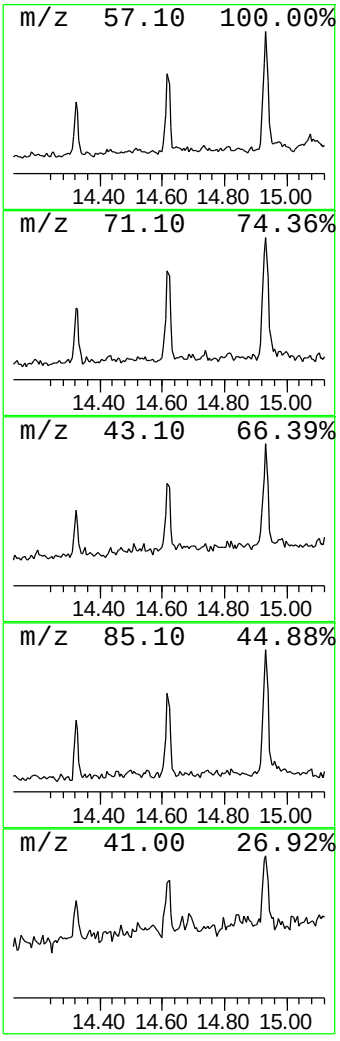
Peak Number 3 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	2.07 ng	71736	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Heptadecane	240	C17H36	000629-78-7	93
3	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	72
4	Eicosane, 2-methyl-	296	C21H44	001560-84-5	72
5	Hexadecane	226	C16H34	000544-76-3	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109229.D
Acq On : 22 Sep 2018 18:47
Operator : JU/SJ
Sample : J4777-11 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-0920-18-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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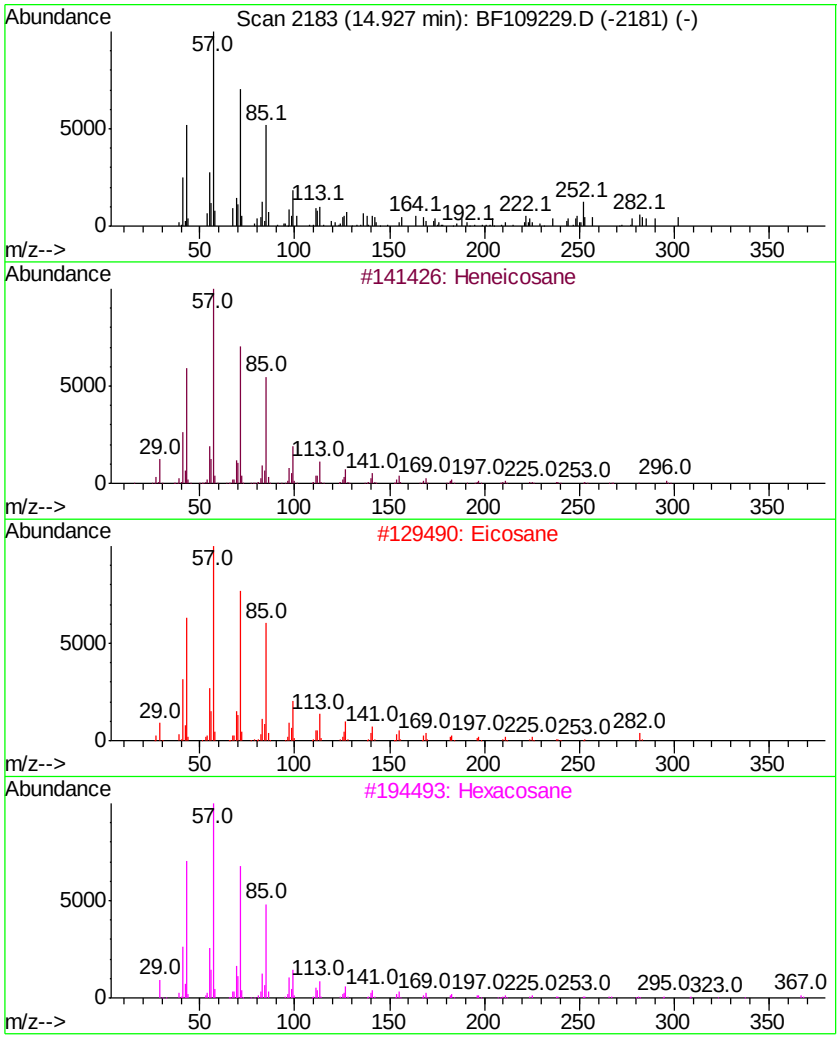
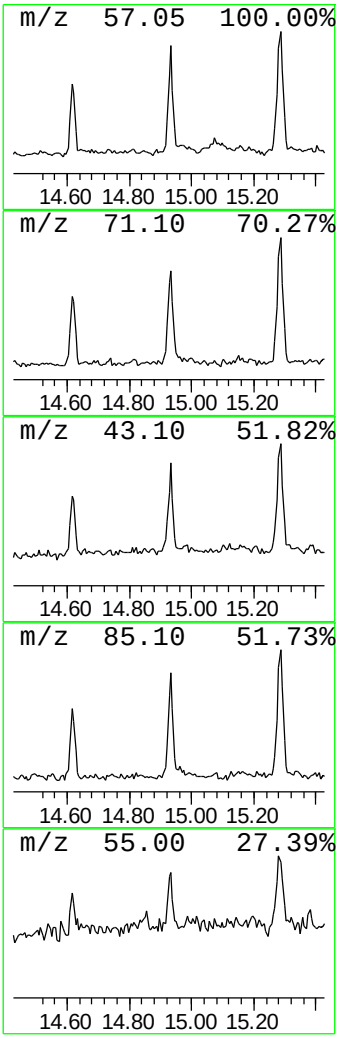
Peak Number 4 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	2.32 ng	80431	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Eicosane	282	C20H42	000112-95-8	86
3	Hexacosane	366	C26H54	000630-01-3	62
4	Heptadecane	240	C17H36	000629-78-7	58
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109229.D
Acq On : 22 Sep 2018 18:47
Operator : JU/SJ
Sample : J4777-11 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-0920-18-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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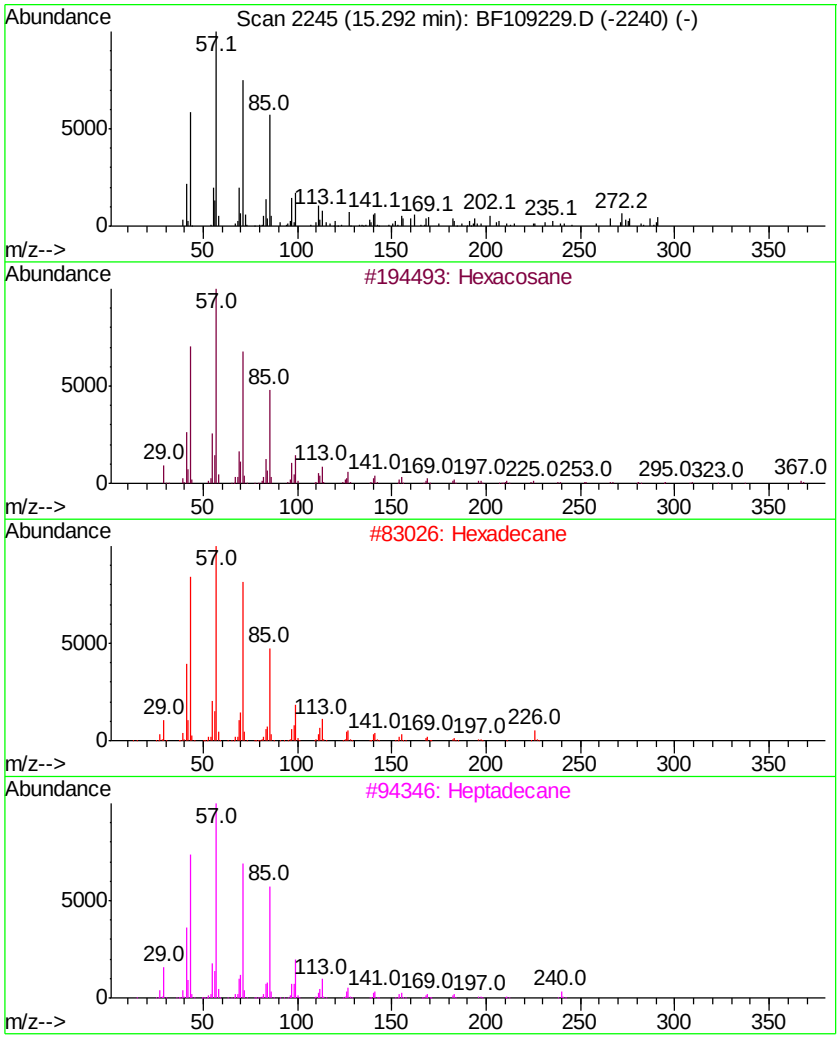
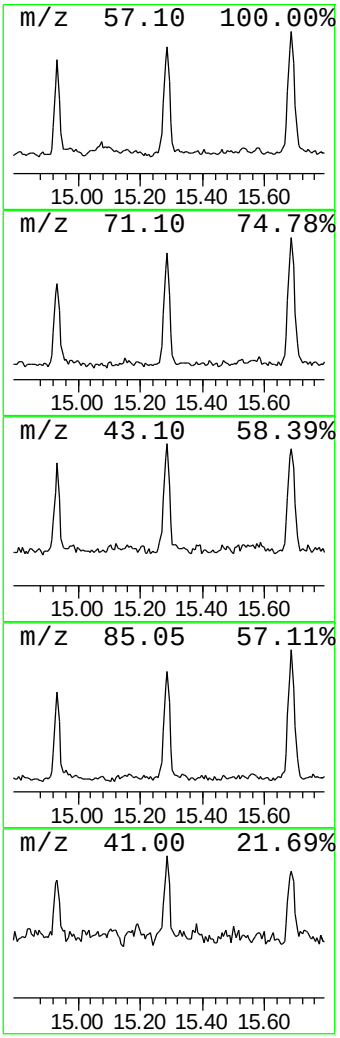
Peak Number 5 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	2.94 ng	101720	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heptadecane	240	C17H36	000629-78-7	87
4	Octacosane	394	C28H58	000630-02-4	83
5	Tetracosane	338	C24H50	000646-31-1	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109229.D
Acq On : 22 Sep 2018 18:47
Operator : JU/SJ
Sample : J4777-11 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-0920-18-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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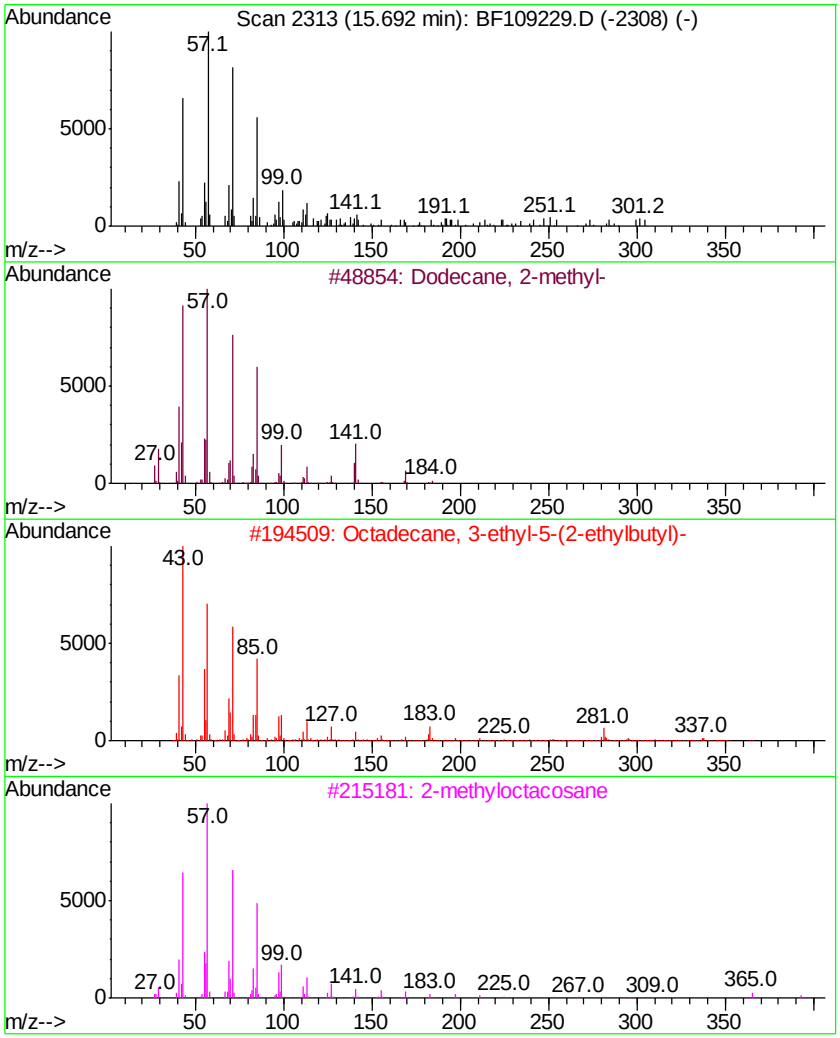
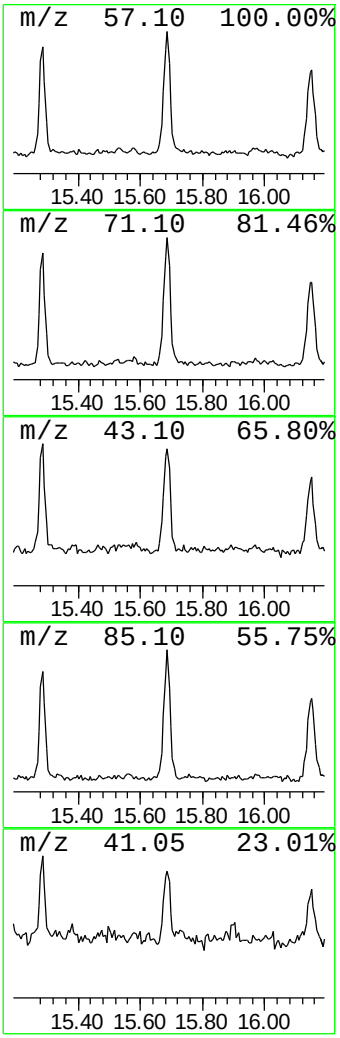
Peak Number 6 Dodecane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	3.69 ng	127857	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
2	Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Nonadecane	268	C19H40	000629-92-5	87
5	Heneicosane	296	C21H44	000629-94-7	87





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Misc :
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Instrument : BNA_F
ClientSampleId : PL-02-0920-18-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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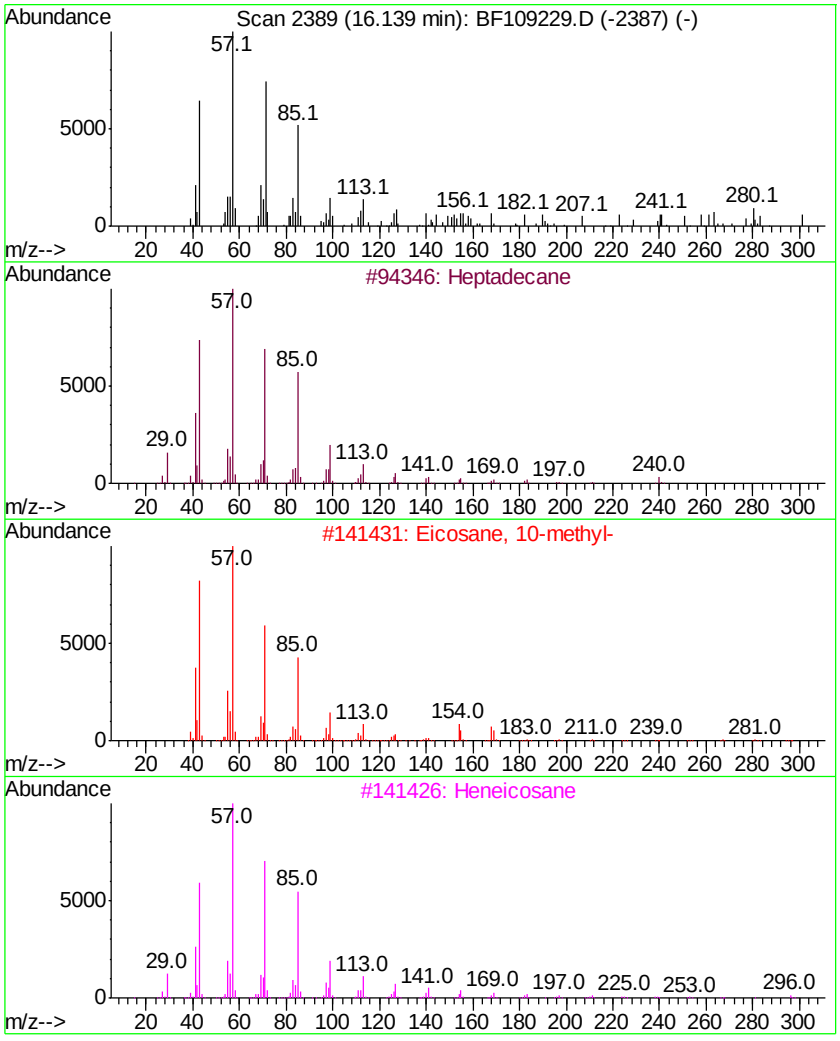
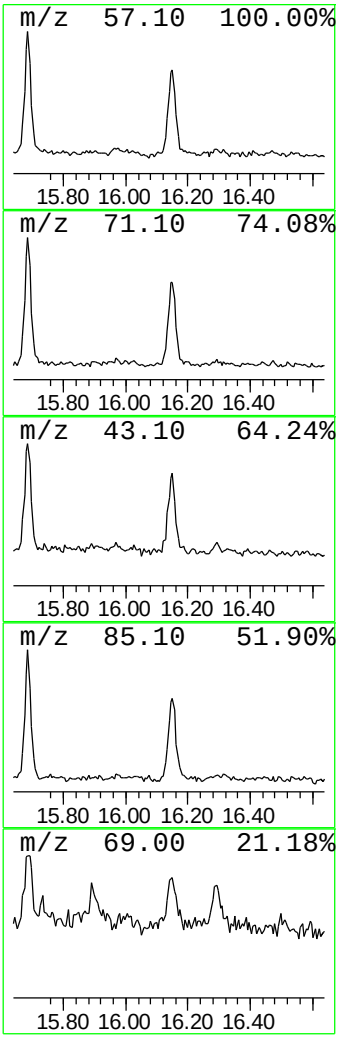
Peak Number 7 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	3.42 ng	118211	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	89
3	Heneicosane	296	C21H44	000629-94-7	68
4	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	64
5	Hexacosane	366	C26H54	000630-01-3	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092218\
Data File : BF109229.D
Acq On : 22 Sep 2018 18:47
Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : PL-02-0920-18-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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
unknown6.47	6.47	7.8	ng	278040	1	6.70	717377	20.0
Nonadecane	14.62	2.1	ng	71736	6	15.23	692139	20.0
Heneicosane	14.93	2.3	ng	80431	6	15.23	692139	20.0
Hexacosane	15.29	2.9	ng	101720	6	15.23	692139	20.0
Dodecane, 2-methyl-	15.69	3.7	ng	127857	6	15.23	692139	20.0
Heptadecane	16.14	3.4	ng	118211	6	15.23	692139	20.0