LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114756.D
Acq On : 1 Jun 2019 14:52
Operator : HP/JU
Sample : K3085-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TANK-3

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	4.869	467	473	482	rVB2	313202	398068	3.71%	0.406%
2	5.298	541	546	549	rBV	3483045	3238884	30.19%	3.305%
3	6.322	716	720	723	rBV	2508476	2026201	18.89%	2.068%
4	6.463	739	744	747	rBV	6040987	5749587	53.59%	5.867%
5	6.692	779	783	787	rBV	3068761	2532497	23.60%	2.584%
6	6.851	806	810	813	rBV	8062451	7484280	69.76%	7.637%
7	7.257	873	879	882	rBV	5974248	6264382	58.39%	6.392%
8	7.686	947	952	954	rBV	95913	112931	1.05%	0.115%
9	7.975	997	1001	1004	rBV	3784738	3200196	29.83%	3.266%
10	8.669	1116	1119	1125	rVB2	133596	152524	1.42%	0.156%
11	9.051	1179	1184	1187	rBV	10639631	10728778	100.00%	10.948%
12	9.175	1203	1205	1208	rBV	163534	138298	1.29%	0.141%
13	9.380	1237	1240	1242	rBV	122770	112710	1.05%	0.115%
14	9.439	1247	1250	1252	rBV	500570	381542	3.56%	0.389%
15	9.628	1279	1282	1287	rVB	131597	165947	1.55%	0.169%
16	9.722	1293	1298	1301	rBV	4037765	3812758	35.54%	3.891%
17	9.751	1301	1303	1307	rVB	481533	372951	3.48%	0.381%
18	9.922	1329	1332	1333	rBV	213558	176728	1.65%	0.180%
19	9.939	1333	1335	1337	rVV	233390	204135	1.90%	0.208%
20	10.263	1387	1390	1392	rVB	384576	328315	3.06%	0.335%
21	10.392	1407	1412	1414	rBV4	135702	174976	1.63%	0.179%
22	10.504	1426	1431	1434	rBV	5092128	5116065	47.69%	5.221%
23	10.651	1454	1456	1460	rVB	246610	237442	2.21%	0.242%
24	11.086	1528	1530	1533	rVB2	174656	121275	1.13%	0.124%
25	11.116	1533	1535	1541	rVB	213839	191939	1.79%	0.196%
26	11.192	1544	1548	1550	rBV	4174116	3686144	34.36%	3.762%
27	11.216	1550	1552	1555	rVB	1348559	1000874	9.33%	1.021%
28	11.263	1558	1560	1564	rVB	417257	363259	3.39%	0.371%
29	11.298	1564	1566	1573	rBV	133389	198798	1.85%	0.203%
30	11.422	1584	1587	1592	rBV	113166	120284	1.12%	0.123%
31	11.510	1600	1602	1608	rVB3	101132	110910	1.03%	0.113%
32	11.692	1631	1633	1635	rBV	159744	124657	1.16%	0.127%
33	11.722	1635	1638	1639	rBV	252315	254275	2.37%	0.259%
34	11.751	1639	1643	1649	rVV	4614714	5432899	50.64%	5.544%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114756.D
Acq On : 1 Jun 2019 14:52
Operator : HP/JU
Sample : K3085-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TANK-3

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

35	11.804	1649	1652	1654	rVB	292089	292165	2.72%	0.298%
36	12.133	1706	1708	1711	rBV2	126122	125063	1.17%	0.128%
37	12.239	1724	1726	1730	rBV2	162085	170156	1.59%	0.174%
38	12.298	1734	1736	1738	rBV2	156370	132524	1.24%	0.135%
39	12.398	1750	1753	1756	rBV	1610874	1313469	12.24%	1.340%
40	12.445	1758	1761	1770	rVV5	314669	587619	5.48%	0.600%
41	12.539	1770	1777	1786	rVV	7564776	10410100	97.03%	10.623%
42	12.621	1787	1791	1794	rVV	1319819	1506473	14.04%	1.537%
43	12.674	1798	1800	1806	rVB2	273401	357897	3.34%	0.365%
44	12.780	1813	1818	1821	rBV	9048146	9031536	84.18%	9.216%
45	13.021	1856	1859	1862	rVB2	326349	315543	2.94%	0.322%
46	13.051	1862	1864	1867	rBV	106848	121604	1.13%	0.124%
47	13.221	1891	1893	1895	rBV2	122959	127423	1.19%	0.130%
48	13.368	1915	1918	1921	rVB	238505	225169	2.10%	0.230%
49	13.816	1989	1994	1996	rBV	2860855	2893627	26.97%	2.953%
50	13.839	1996	1998	2005	rVB	280368	264857	2.47%	0.270%
51	14.004	2024	2026	2029	rVB2	220414	197203	1.84%	0.201%
52	14.310	2076	2078	2082	rBV	238324	221120	2.06%	0.226%
53	14.604	2126	2128	2133	rVB	301525	281107	2.62%	0.287%
54	14.810	2160	2163	2166	rBV	179623	240635	2.24%	0.246%
55	14.915	2178	2181	2185	rVB2	310190	326764	3.05%	0.333%
56	15.086	2208	2210	2214	rVB	124550	122181	1.14%	0.125%
57	15.139	2217	2219	2223	rVV	168762	190351	1.77%	0.194%
58	15.204	2225	2230	2234	rVV	2497792	2803867	26.13%	2.861%
59	15.262	2237	2240	2244	rVB	258290	297347	2.77%	0.303%
60	15.662	2304	2308	2312	rVB	188258	242944	2.26%	0.248%
61	16.121	2382	2386	2394	rVB2	162700	266534	2.48%	0.272%
62	16.656	2473	2477	2483	rVB3	112991	215095	2.00%	0.219%

Sum of corrected areas: 97995882

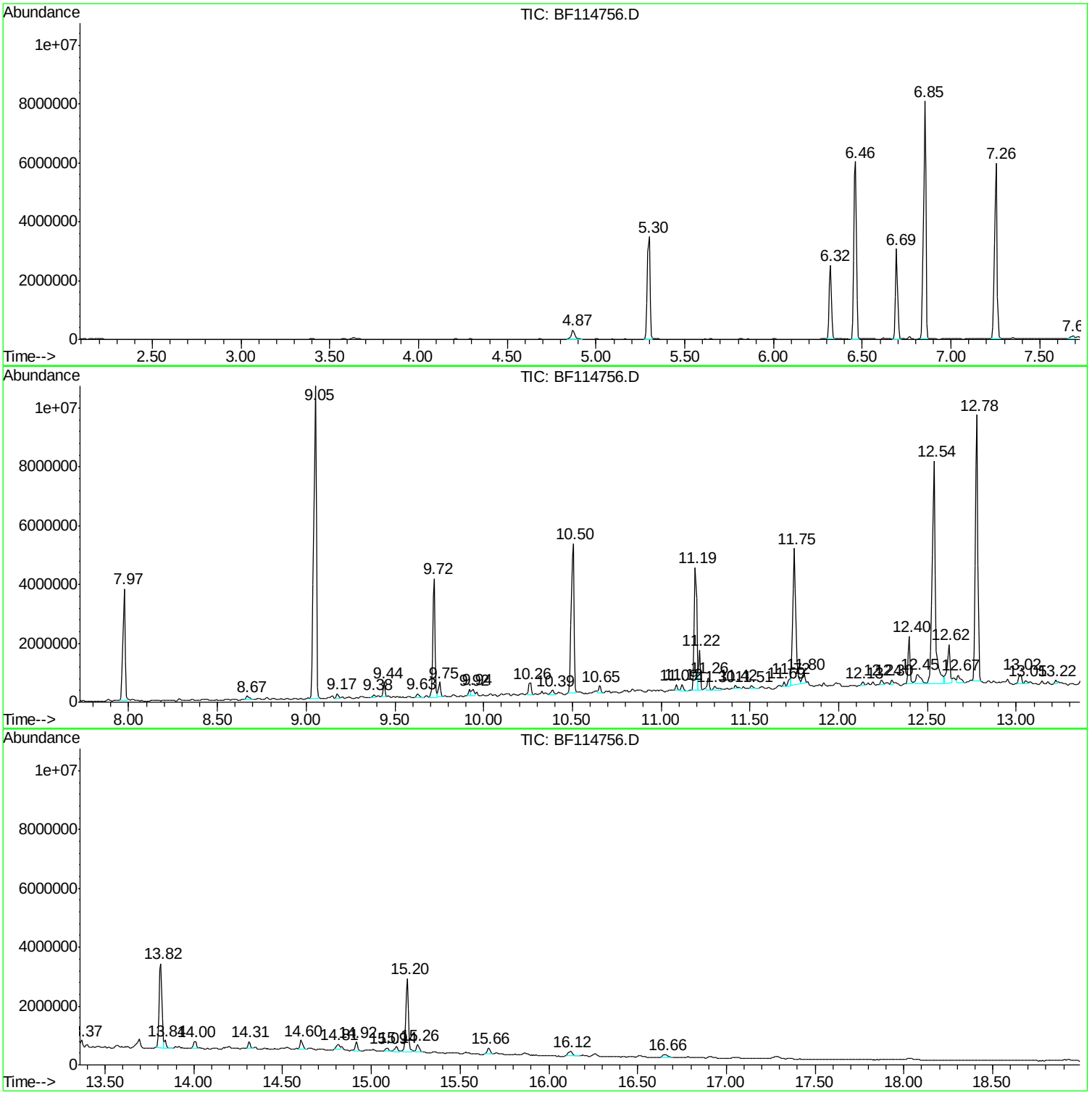
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114756.D
Acq On : 1 Jun 2019 14:52
Operator : HP/JU
Sample : K3085-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TANK-3

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114756.D
Acq On : 1 Jun 2019 14:52
Operator : HP/JU
Sample : K3085-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TANK-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

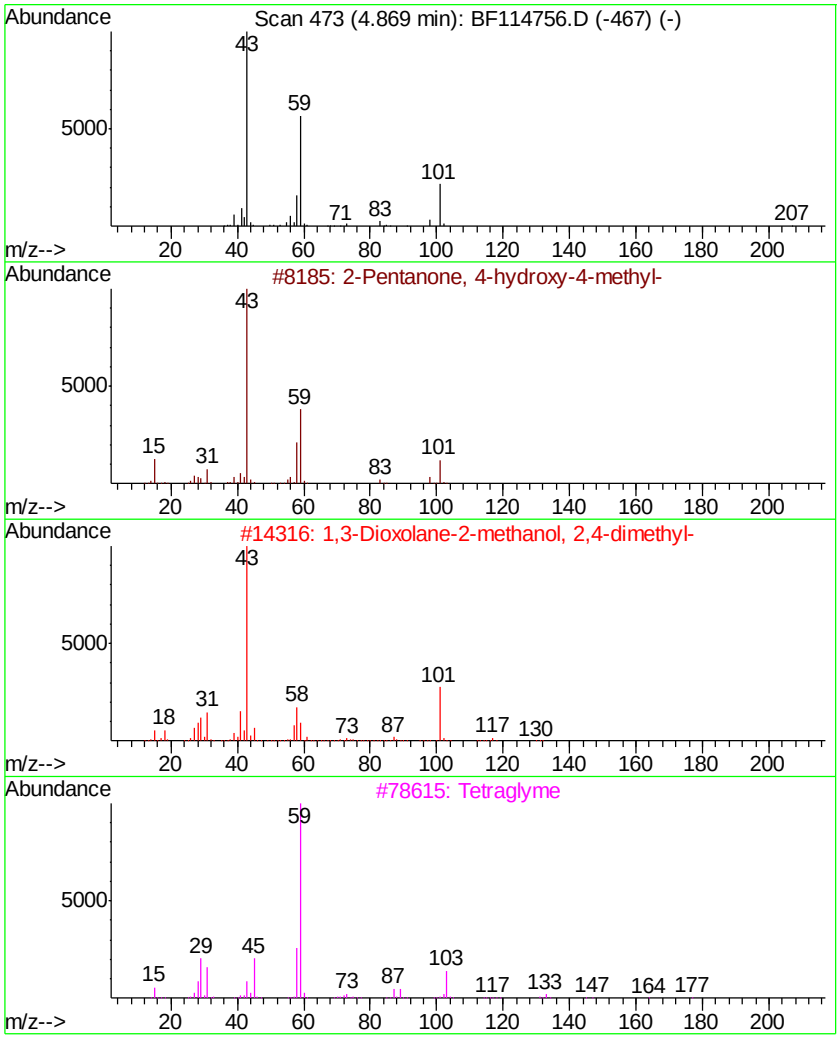
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

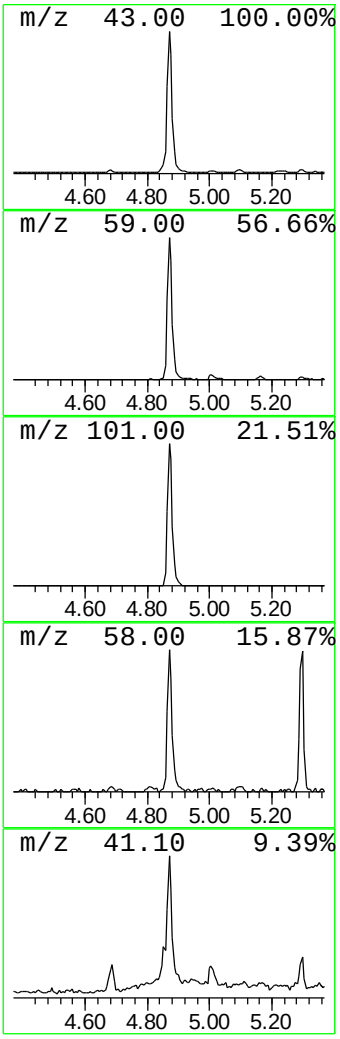
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	3.14 ng	398068	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	28
3	Tetraglyme	222	C10H22O5	000143-24-8	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114756.D
Acq On : 1 Jun 2019 14:52
Operator : HP/JU
Sample : K3085-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TANK-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

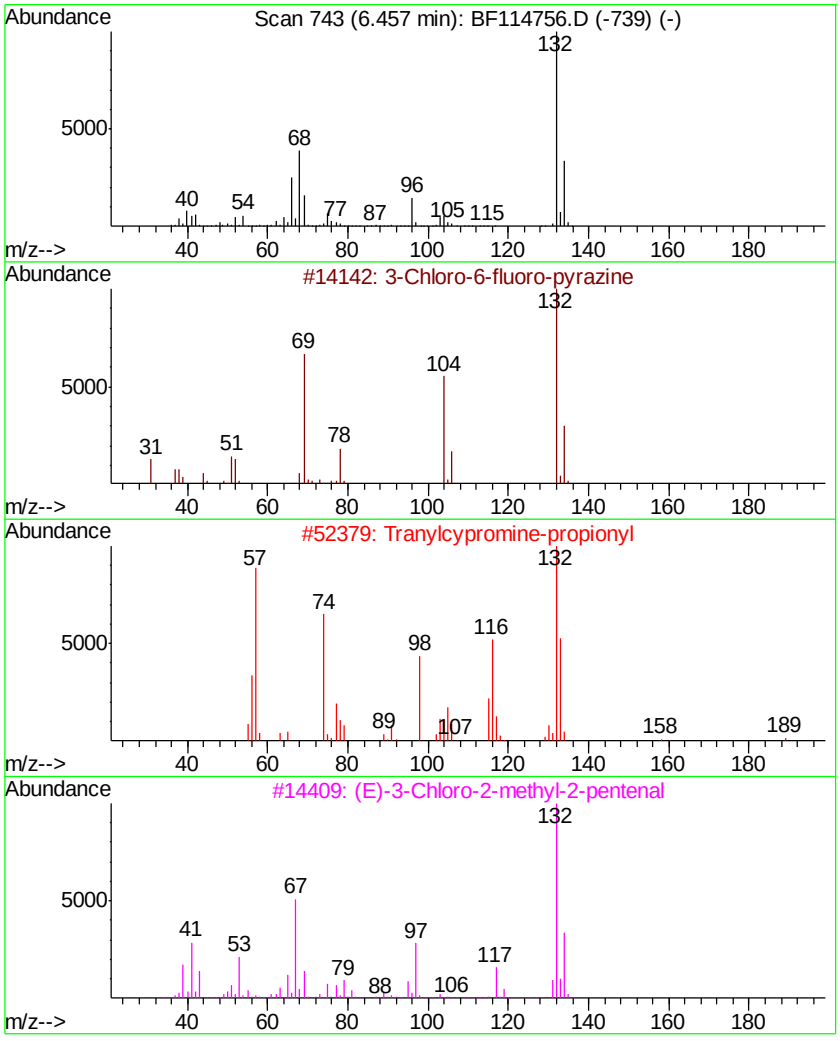
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

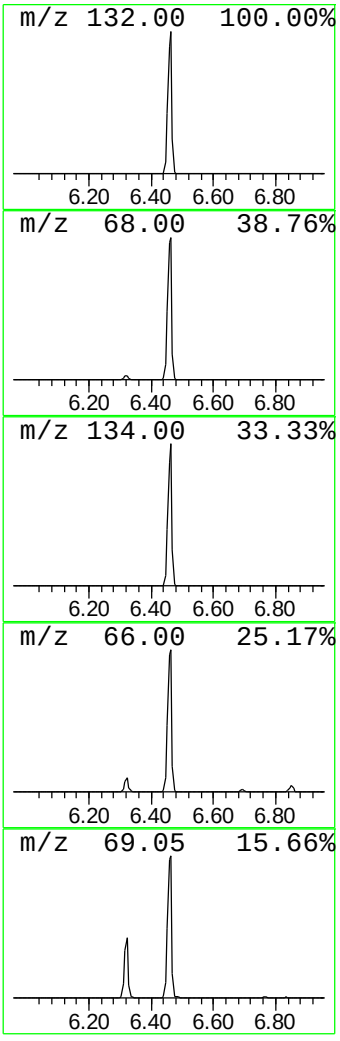
****

Peak Number 2 unknown6.46 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	45.41 ng	5749590	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	35
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114756.D
Acq On : 1 Jun 2019 14:52
Operator : HP/JU
Sample : K3085-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TANK-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

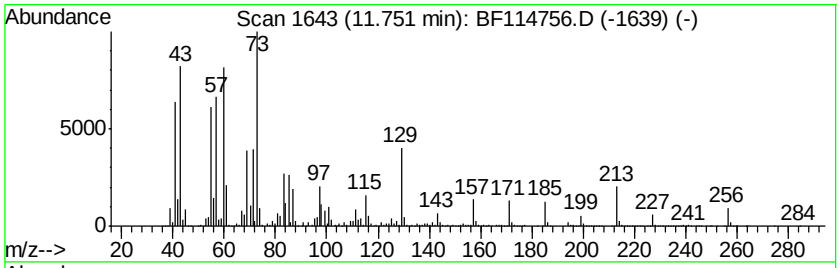
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

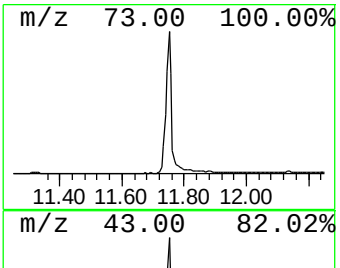
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	29.48 ng	5432900	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	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114756.D
Acq On : 1 Jun 2019 14:52
Operator : HP/JU
Sample : K3085-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TANK-3

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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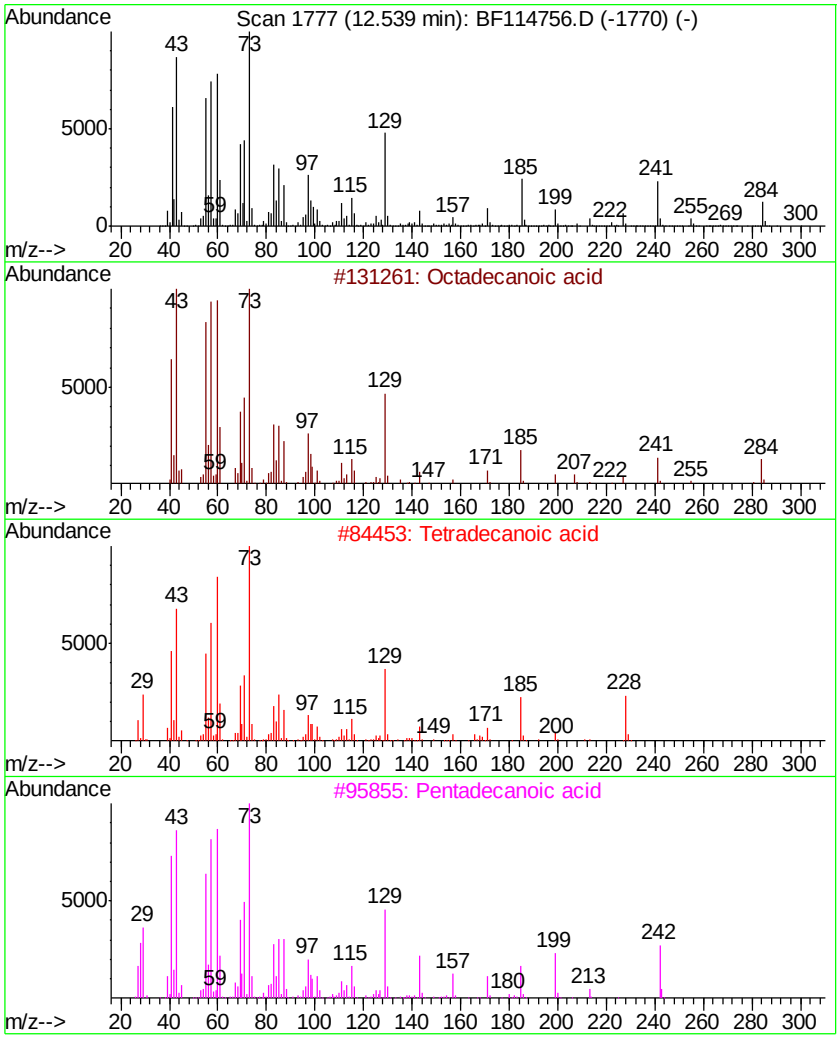
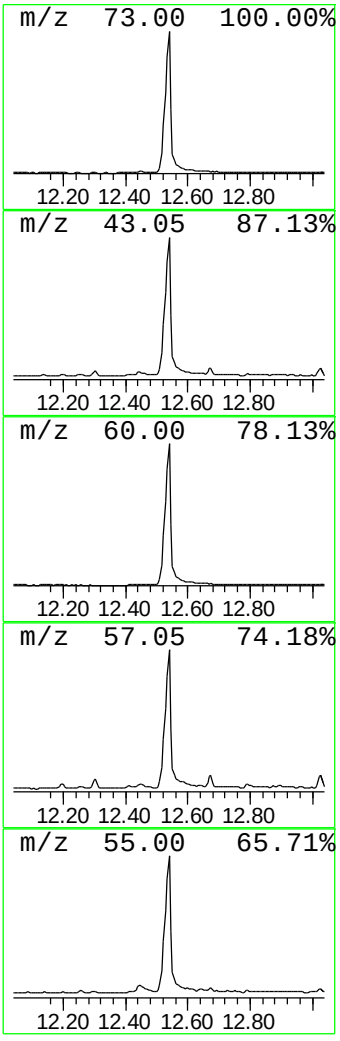
Peak Number 5 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	71.95 ng	10410100	Chrysene-d12	13.82

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	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114756.D
Acq On : 1 Jun 2019 14:52
Operator : HP/JU
Sample : K3085-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TANK-3

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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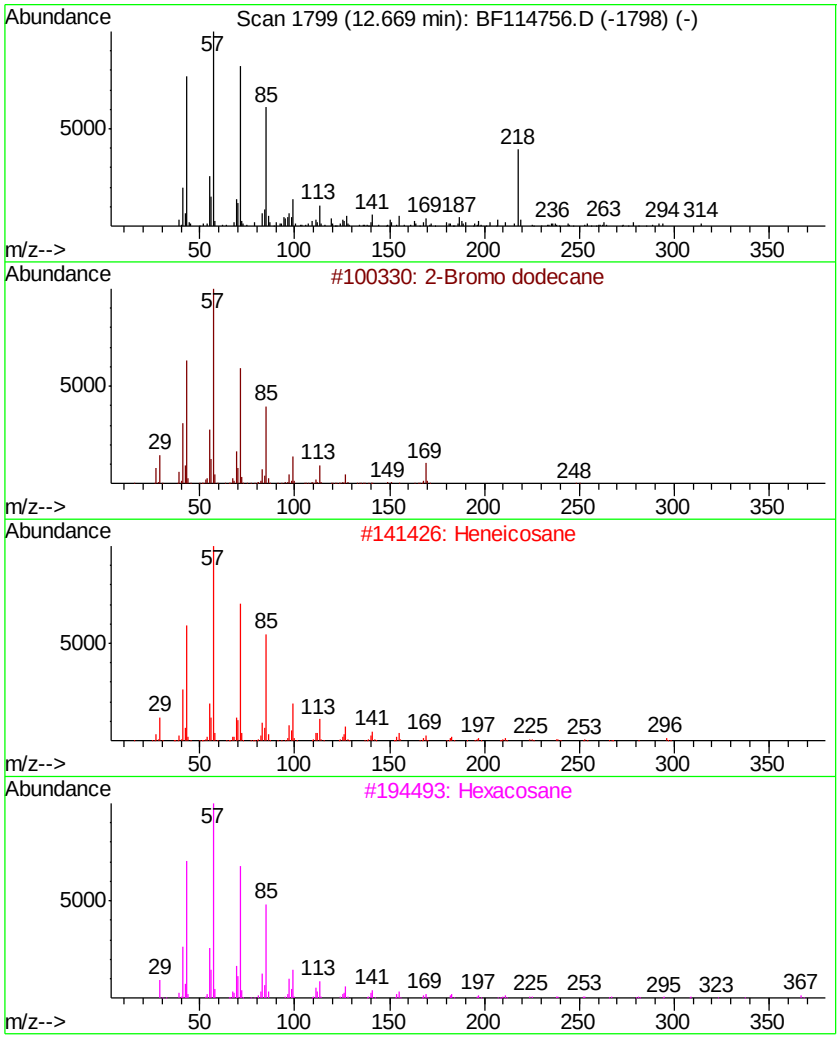
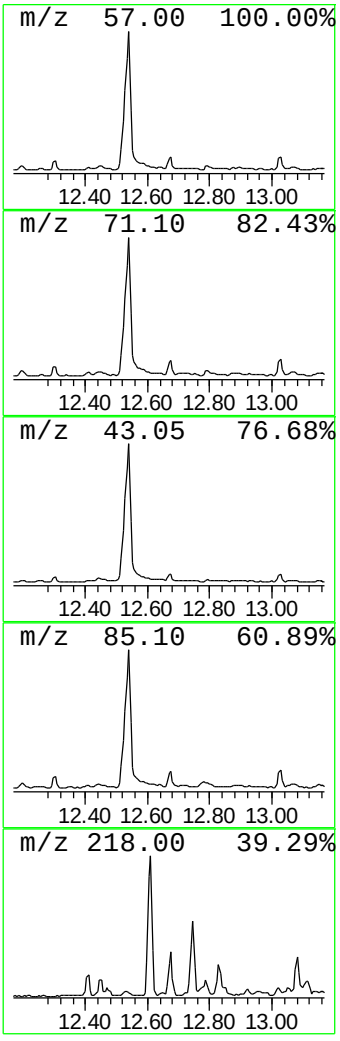
Peak Number 6 2-Bromo dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	2.47 ng	357897	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	89
2	Heneicosane	296	C21H44	000629-94-7	76
3	Hexacosane	366	C26H54	000630-01-3	68
4	Tetratetracontane	619	C44H90	007098-22-8	64
5	Octacosane	394	C28H58	000630-02-4	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114756.D
Acq On : 1 Jun 2019 14:52
Operator : HP/JU
Sample : K3085-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TANK-3

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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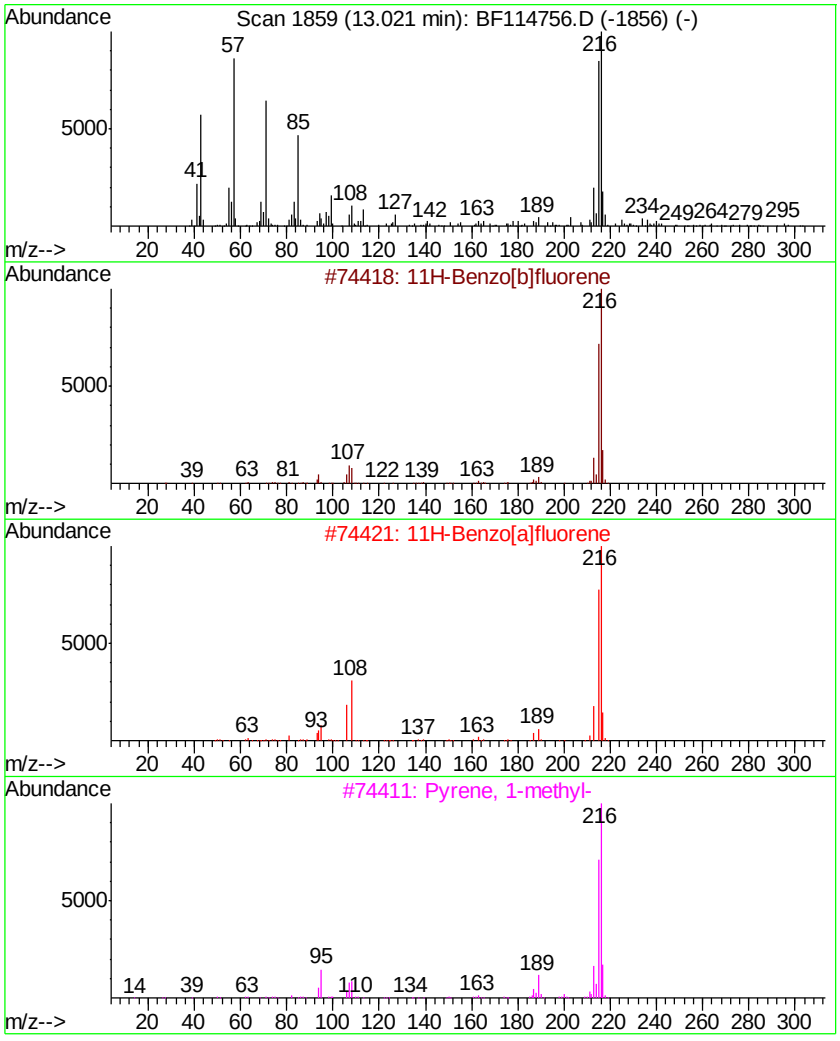
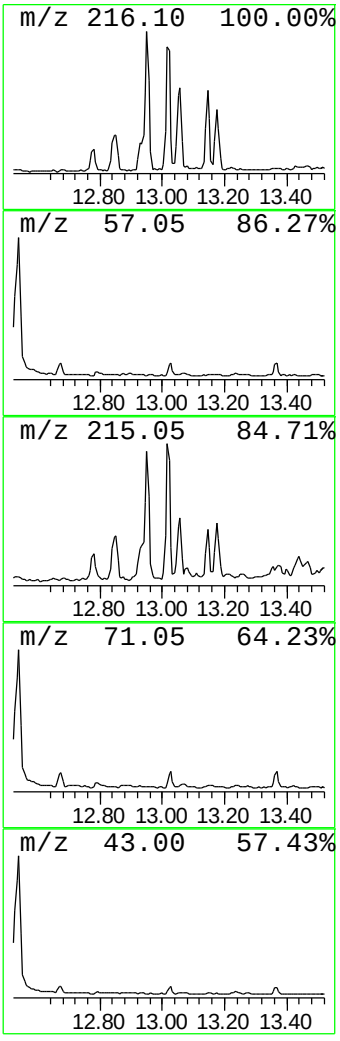
Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	2.18 ng	315543	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	58
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	53
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114756.D
Acq On : 1 Jun 2019 14:52
Operator : HP/JU
Sample : K3085-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TANK-3

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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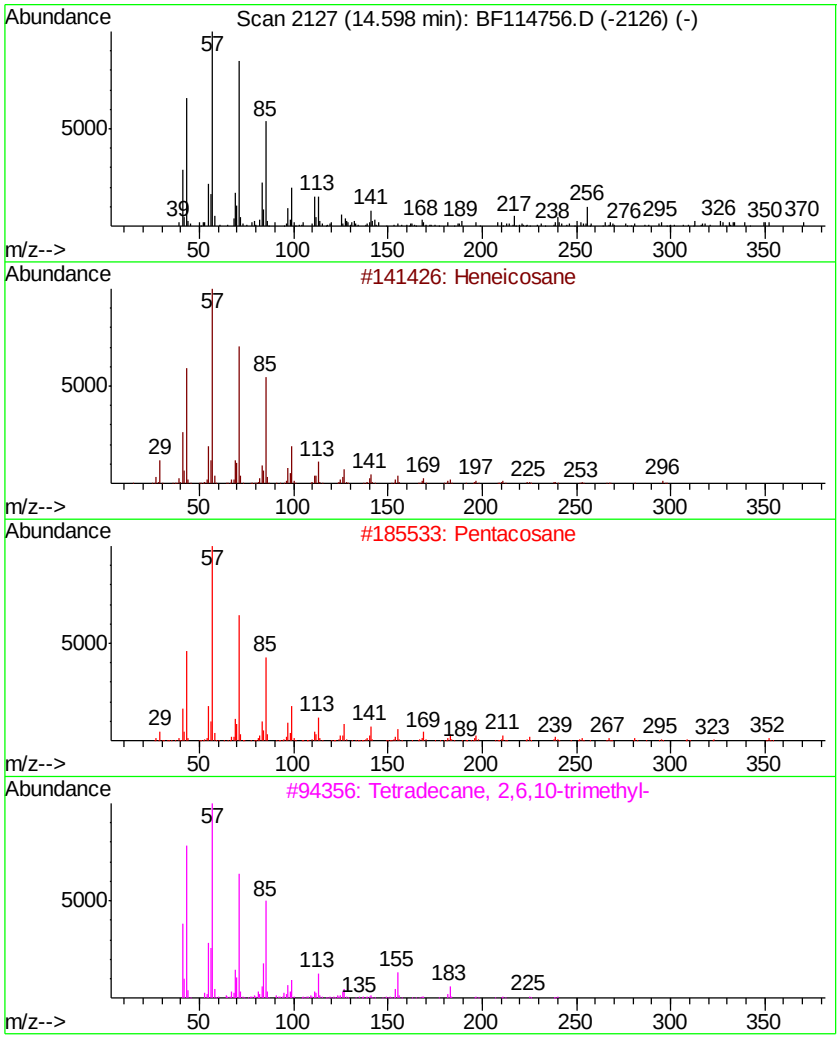
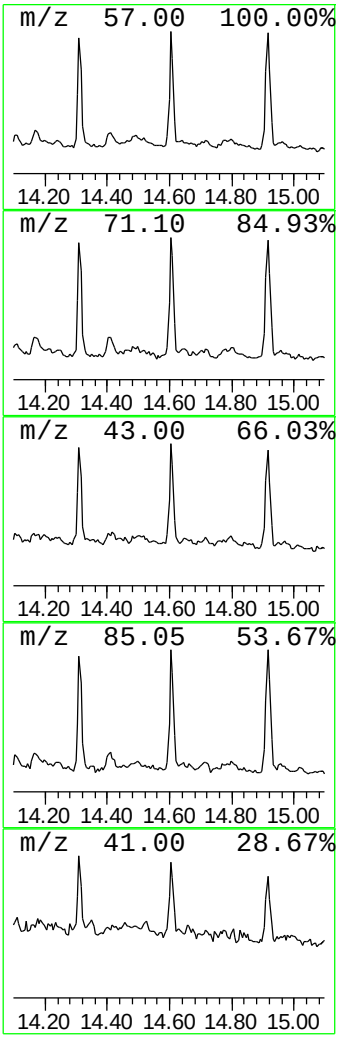
Peak Number 8 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.01 ng	281107	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Pentacosane	352	C25H52	000629-99-2	87
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Tetracosane	338	C24H50	000646-31-1	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114756.D
Acq On : 1 Jun 2019 14:52
Operator : HP/JU
Sample : K3085-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TANK-3

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
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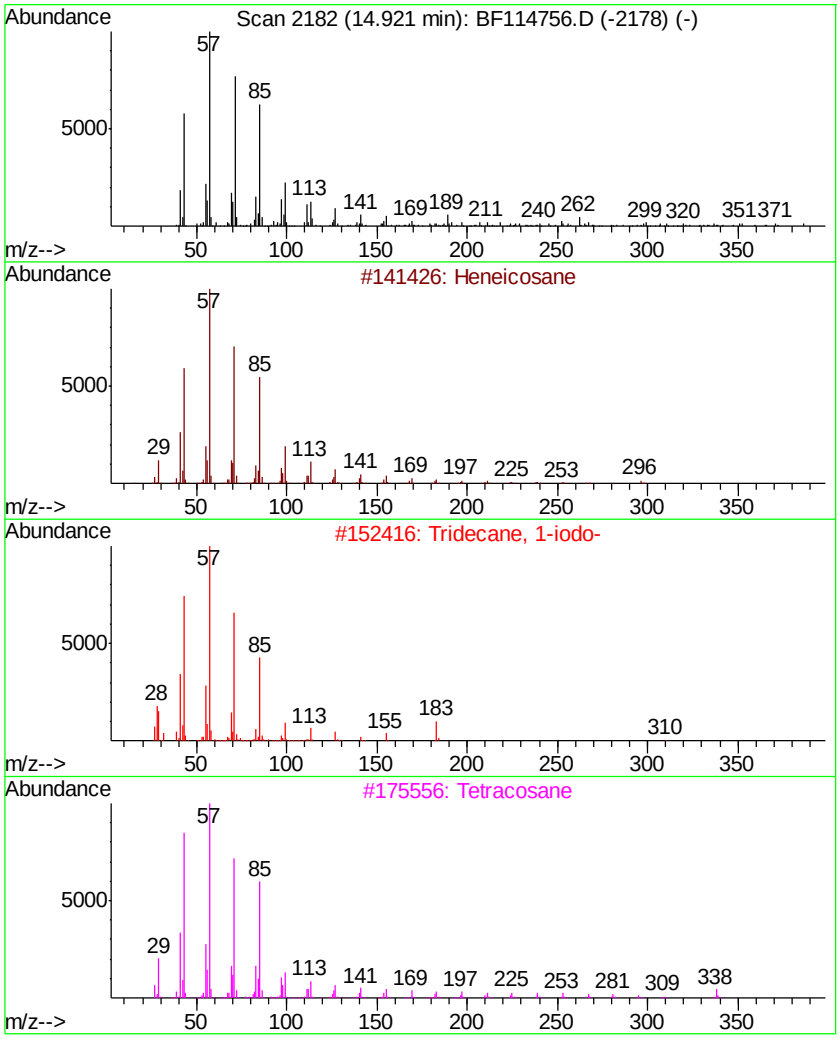
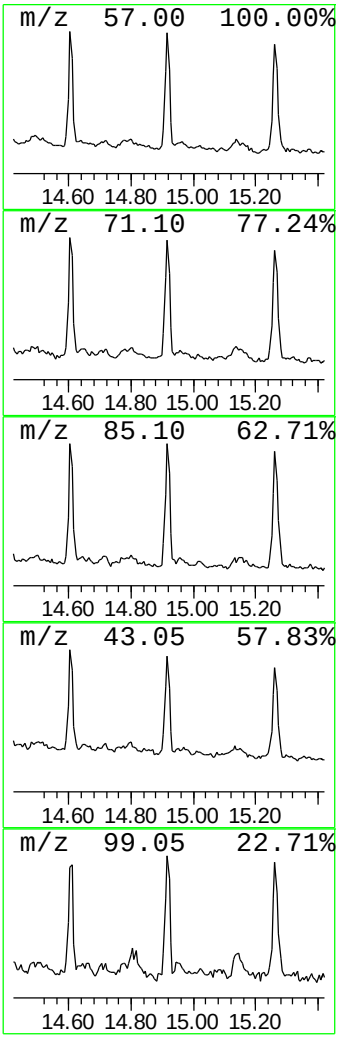
Peak Number 9 Tridecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	2.33 ng	326764	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3	Tetracosane	338	C24H50	000646-31-1	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Hexacosane	366	C26H54	000630-01-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114756.D
Acq On : 1 Jun 2019 14:52
Operator : HP/JU
Sample : K3085-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TANK-3

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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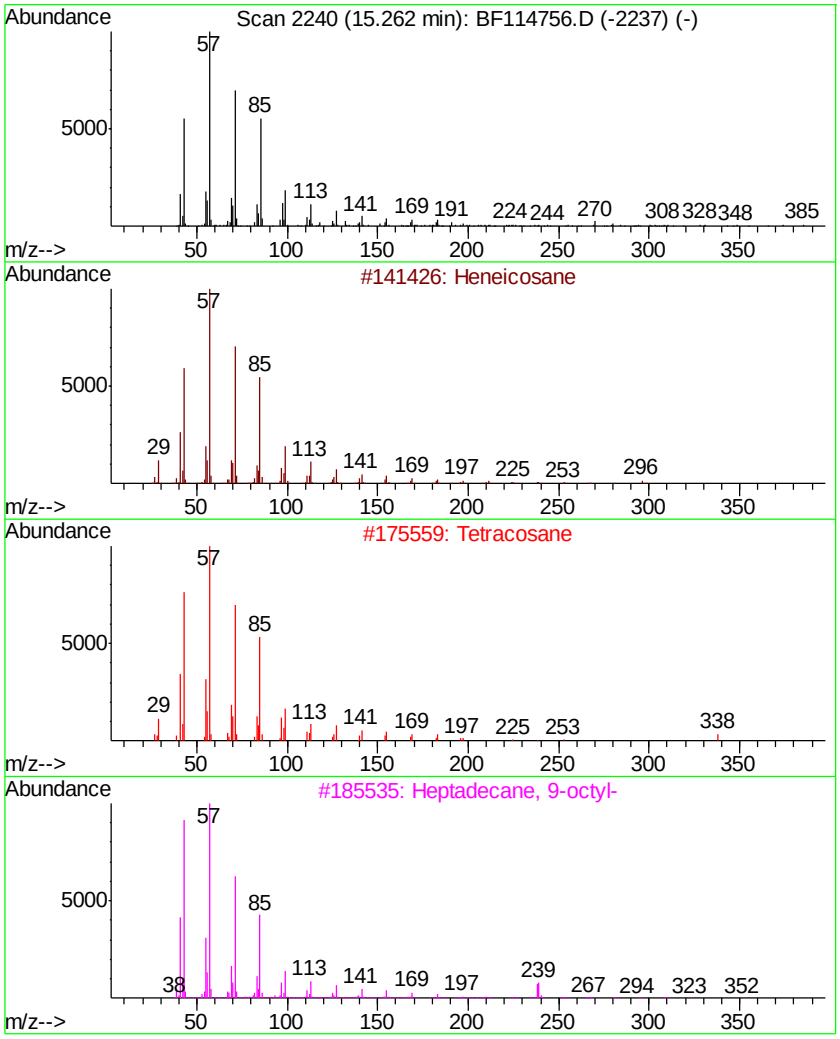
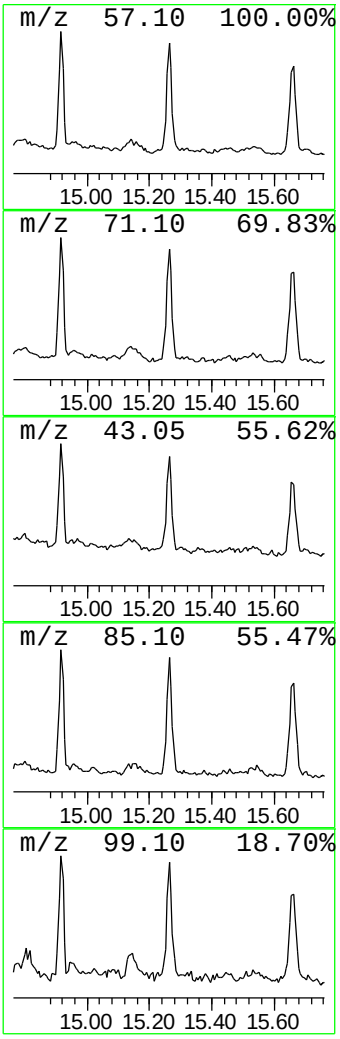
Peak Number 10 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	2.12 ng	297347	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Pentadecane	212	C15H32	000629-62-9	90
5	Eicosane	282	C20H42	000112-95-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060119\
Data File : BF114756.D
Acq On : 1 Jun 2019 14:52
Operator : HP/JU
Sample : K3085-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TANK-3

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.87	3.1	ng	398068	1	6.69	2532500	20.0
unknown6.46	6.46	45.4	ng	5749590	1	6.69	2532500	20.0
n-Hexadecanoic acid	11.75	29.5	ng	5432900	4	11.19	3686140	20.0
Octadecanoic acid	12.54	72.0	ng	10410100	5	13.82	2893630	20.0
2-Bromo dodecane	12.67	2.5	ng	357897	5	13.82	2893630	20.0
11H-Benzo[b]fluorene	13.02	2.2	ng	315543	5	13.82	2893630	20.0
Heneicosane	14.60	2.0	ng	281107	6	15.20	2803870	20.0
Tridecane, 1-iodo-	14.92	2.3	ng	326764	6	15.20	2803870	20.0
Tetracosane	15.26	2.1	ng	297347	6	15.20	2803870	20.0