LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071719\
Data File : BF115627.D
Acq On : 17 Jul 2019 17:36
Operator : HP/JU
Sample : K3835-27
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-2)

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-BF071219.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	2.222	16	23	38	rVB	492488	685795	21.62%	2.139%
2	5.504	576	581	585	rBV	2849532	2925060	92.22%	9.124%
3	6.510	746	752	755	rBV	2879025	3036142	95.72%	9.470%
4	6.651	771	776	779	rBV	3295400	3102308	97.81%	9.677%
5	6.704	783	785	797	rVB	53232	78644	2.48%	0.245%
6	6.881	811	815	819	rBV	1329006	1048047	33.04%	3.269%
7	7.039	837	842	845	rBV	2931641	2569118	81.00%	8.014%
8	7.439	904	910	913	rBV	1933300	1965726	61.97%	6.132%
9	8.163	1028	1033	1036	rBV	1497560	1380649	43.53%	4.307%
10	9.233	1210	1215	1218	rBV	3544179	3171821	100.00%	9.894%
11	9.622	1277	1281	1291	rVB	594296	474791	14.97%	1.481%
12	9.916	1326	1331	1334	rBV	1488854	1381790	43.56%	4.310%
13	10.286	1388	1394	1397	rBV	60480	48072	1.52%	0.150%
14	10.698	1460	1464	1467	rBV	2179550	1925775	60.72%	6.007%
15	11.398	1578	1583	1585	rBV	1395290	1340265	42.26%	4.181%
16	11.921	1668	1672	1680	rBV	402265	382116	12.05%	1.192%
17	12.604	1786	1788	1791	rBV	121272	98664	3.11%	0.308%
18	12.704	1802	1805	1812	rBV	122749	129961	4.10%	0.405%
19	12.833	1823	1827	1830	rVB	102421	83199	2.62%	0.260%
20	12.974	1847	1851	1855	rBV	2805479	2626749	82.82%	8.193%
21	13.915	2006	2011	2024	rVB4	94195	250874	7.91%	0.783%
22	14.027	2024	2030	2033	rVV	1039785	977951	30.83%	3.050%
23	14.051	2033	2034	2043	rVB	70365	56745	1.79%	0.177%
24	14.192	2056	2058	2064	rBV	42105	39379	1.24%	0.123%
25	14.498	2105	2110	2114	rBV	106058	105563	3.33%	0.329%
26	14.562	2114	2121	2133	rVV7	50921	152406	4.81%	0.475%
27	14.804	2159	2162	2167	rBV	115591	103766	3.27%	0.324%
28	14.945	2183	2186	2193	rBV5	24636	33722	1.06%	0.105%
29	15.062	2202	2206	2210	rBV	62050	108170	3.41%	0.337%
30	15.145	2215	2220	2223	rBV	165841	192976	6.08%	0.602%
31	15.227	2230	2234	2237	rBV4	22851	43428	1.37%	0.135%
32	15.368	2254	2258	2264	rVB	37006	56049	1.77%	0.175%
33	15.427	2264	2268	2272	rVB	47170	59599	1.88%	0.186%
34	15.492	2274	2279	2282	rBV	698487	840898	26.51%	2.623%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071719\
Data File : BF115627.D
Acq On : 17 Jul 2019 17:36
Operator : HP/JU
Sample : K3835-27
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-2)

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-BF071219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.521	2282	2284	2291	rVB	126937	162608	5.13%	0.507%
36	15.962	2354	2359	2366	rVB	134282	202946	6.40%	0.633%
37	16.462	2439	2444	2451	rBV2	60360	112502	3.55%	0.351%
38	16.951	2523	2527	2539	rVB2	23055	50989	1.61%	0.159%
39	17.062	2542	2546	2552	rVB2	28684	54050	1.70%	0.169%

Sum of corrected areas: 32059313

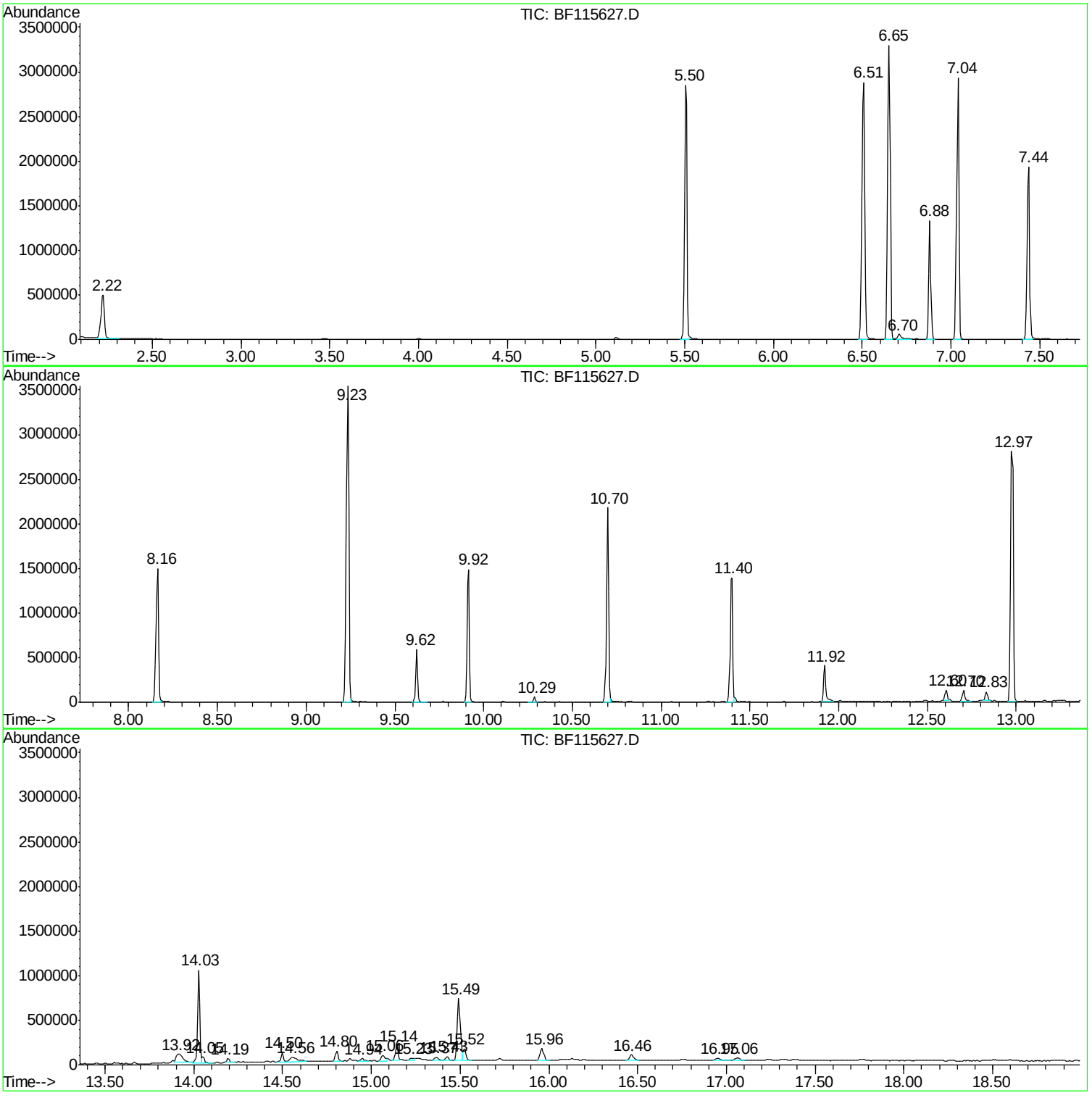
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071719\
Data File : BF115627.D
Acq On : 17 Jul 2019 17:36
Operator : HP/JU
Sample : K3835-27
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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\BF071719\
Data File : BF115627.D
Acq On : 17 Jul 2019 17:36
Operator : HP/JU
Sample : K3835-27
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

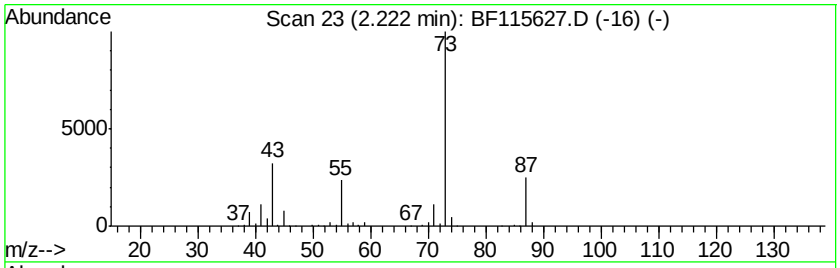
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

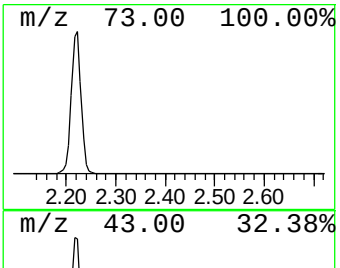
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	13.09 ng	685795	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071719\
Data File : BF115627.D
Acq On : 17 Jul 2019 17:36
Operator : HP/JU
Sample : K3835-27
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

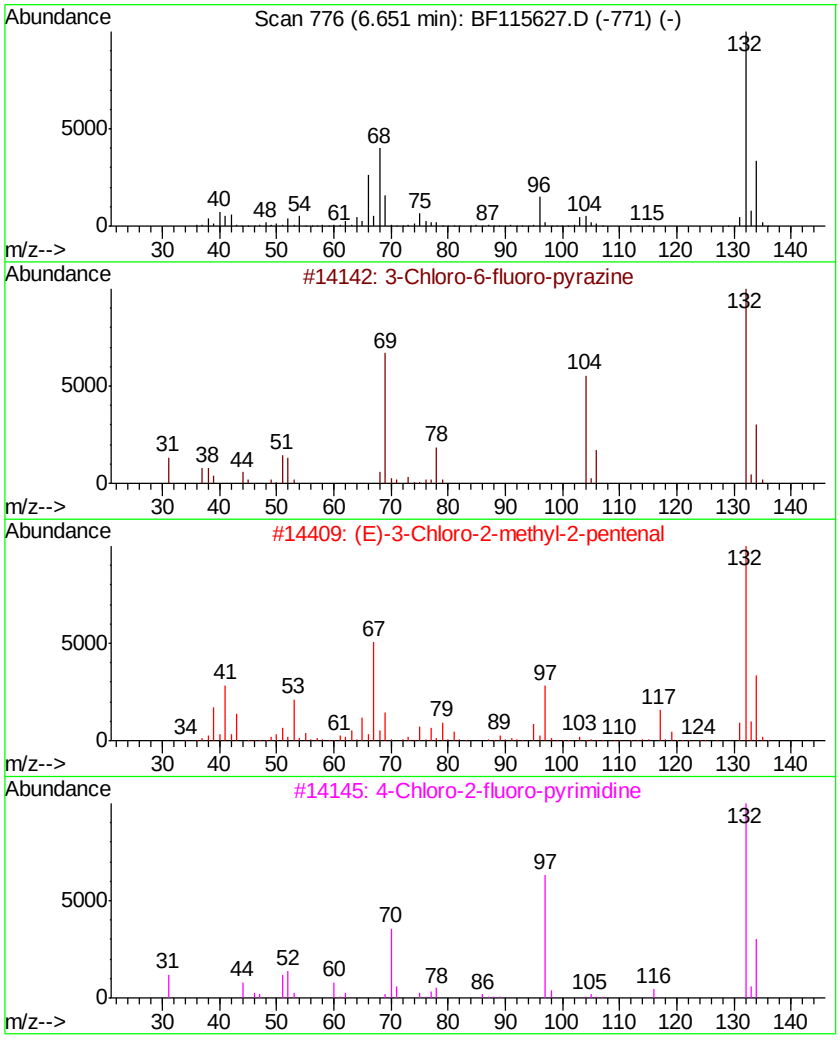
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

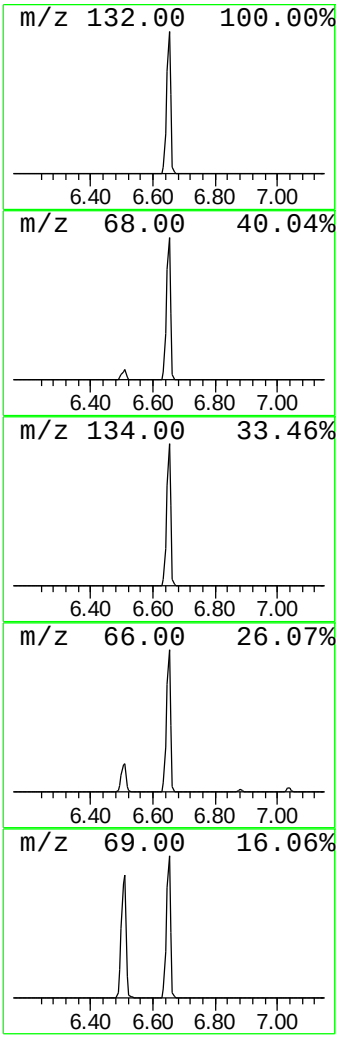
****

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	59.20 ng	3102310	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071719\
Data File : BF115627.D
Acq On : 17 Jul 2019 17:36
Operator : HP/JU
Sample : K3835-27
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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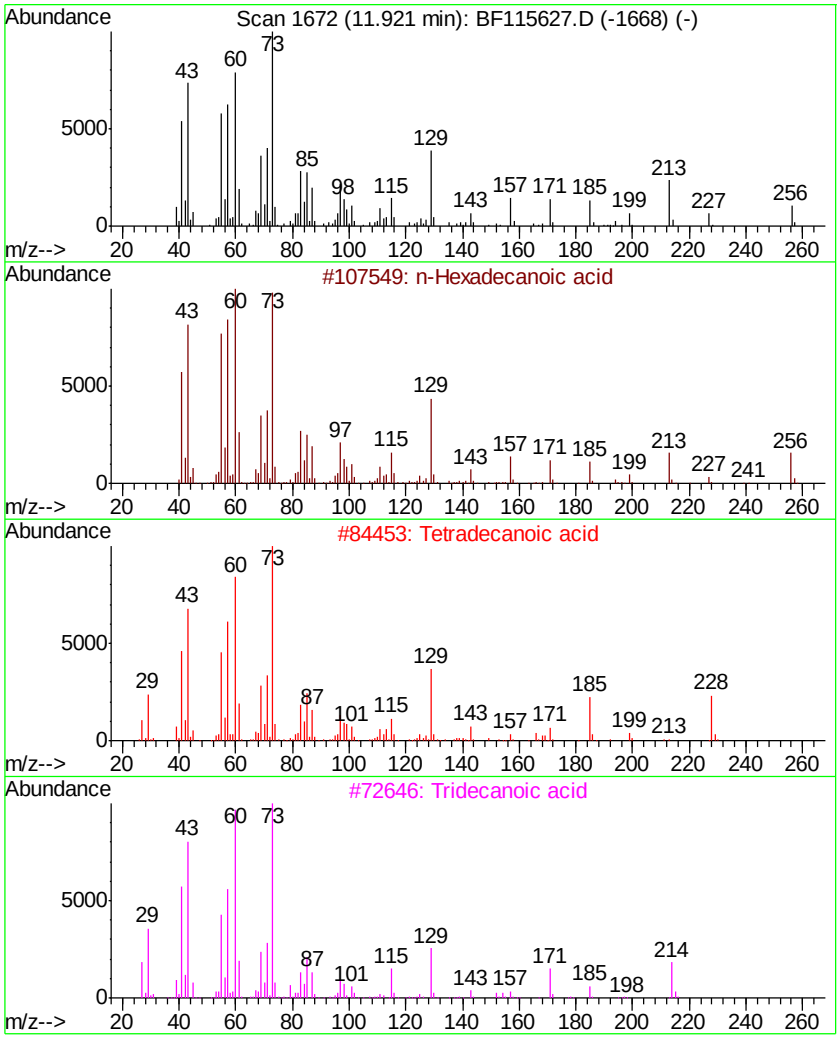
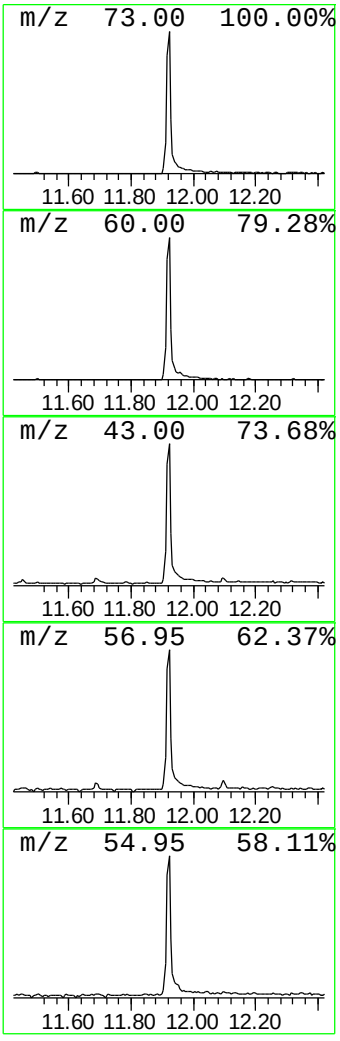
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	5.70 ng	382116	Phenanthrene-d10	11.40

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	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071719\
Data File : BF115627.D
Acq On : 17 Jul 2019 17:36
Operator : HP/JU
Sample : K3835-27
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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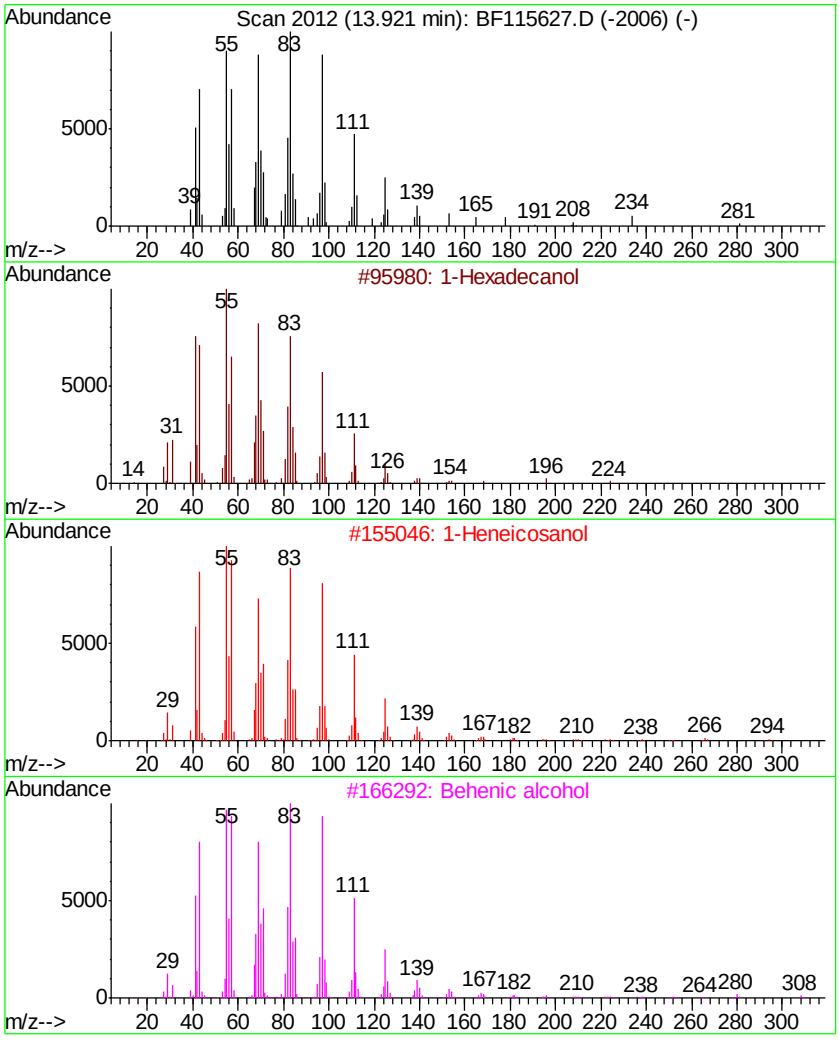
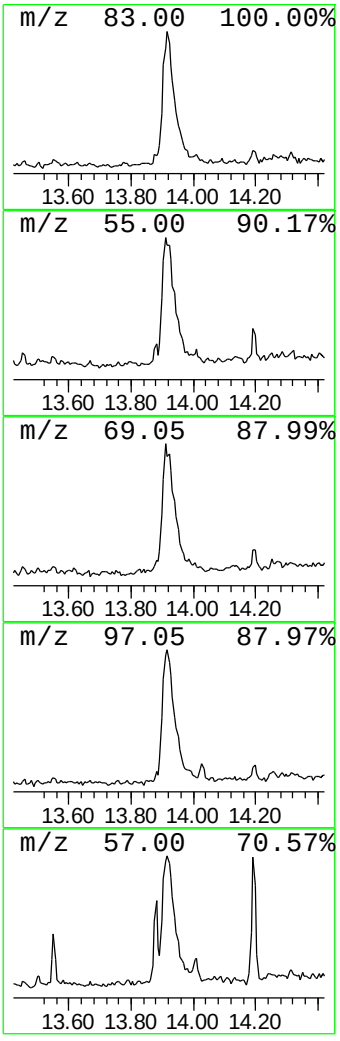
Peak Number 5 1-Hexadecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	5.13 ng	250874	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	91
2	1-Heneicosanol	312	C21H44O	015594-90-8	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	n-Pentadecanol	228	C15H32O	000629-76-5	90
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071719\
Data File : BF115627.D
Acq On : 17 Jul 2019 17:36
Operator : HP/JU
Sample : K3835-27
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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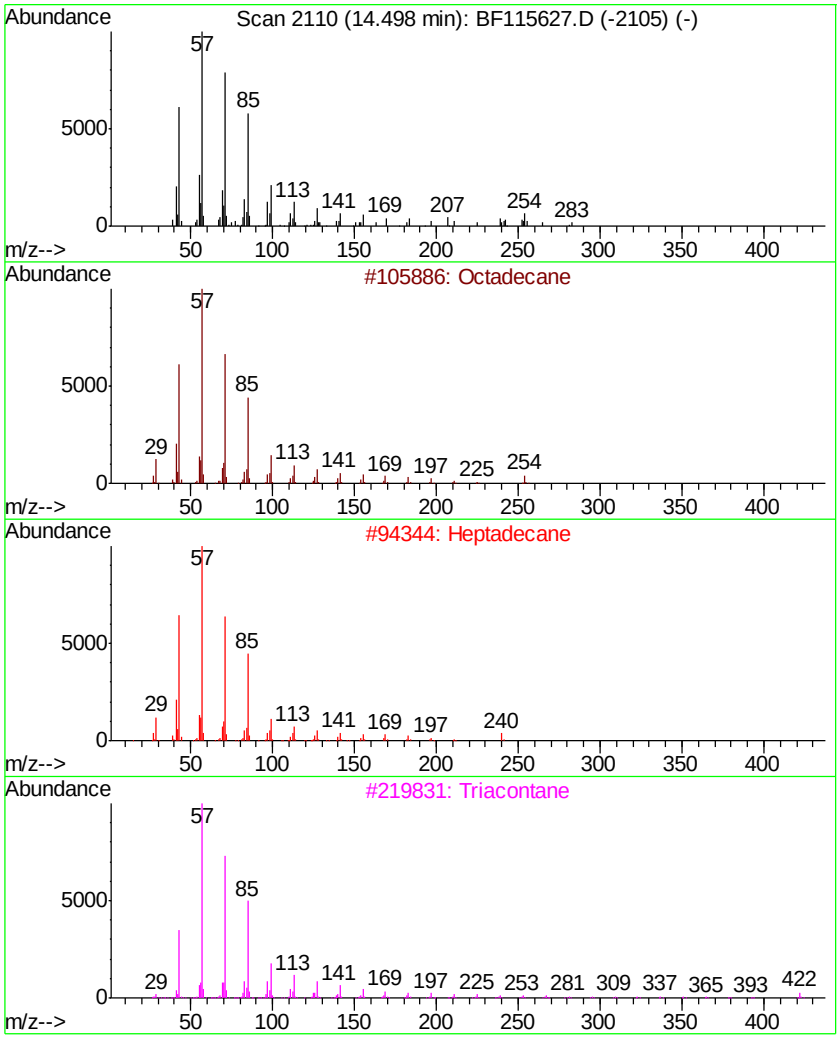
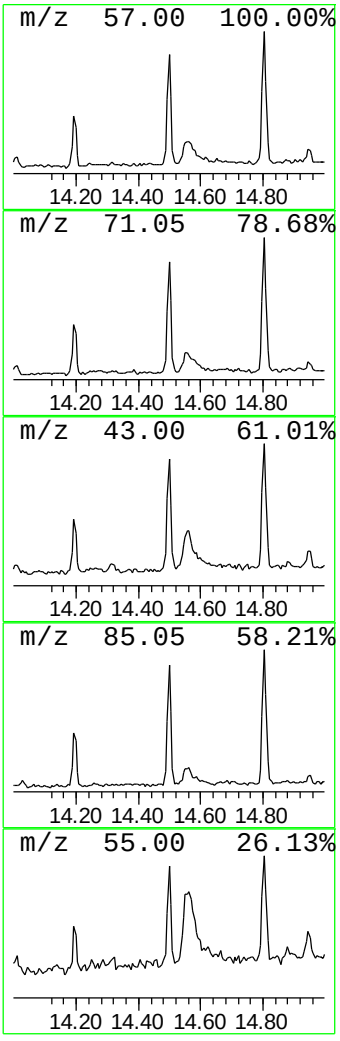
Peak Number 6 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	2.16 ng	105563	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	98
2	Heptadecane	240	C17H36	000629-78-7	95
3	Triacontane	422	C30H62	000638-68-6	91
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

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Data File : BF115627.D
Acq On : 17 Jul 2019 17:36
Operator : HP/JU
Sample : K3835-27
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

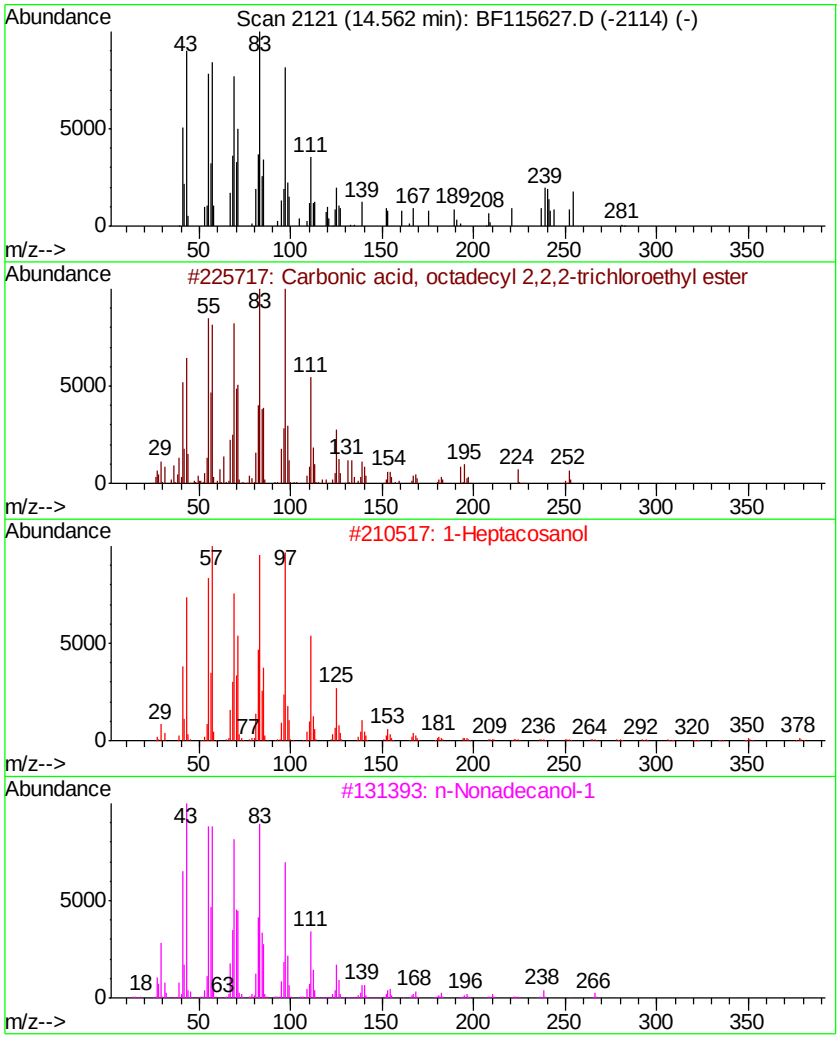
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

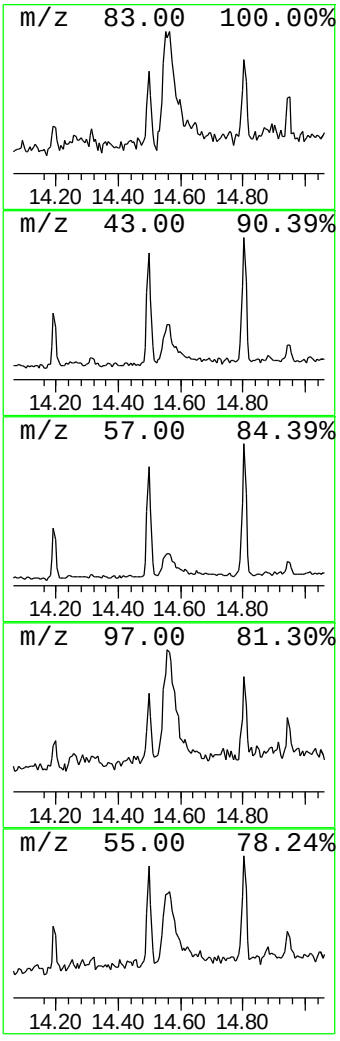
****

Peak Number 7 Carbonic acid, octadecyl 2,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	3.12 ng	152406	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	93
2	1-Heptacosanol	396	C27H56O	002004-39-9	81
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	81
4	17-Pentatriacontene	491	C35H70	006971-40-0	81
5	11-Tricosene	322	C23H46	052078-56-5	81





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Acq On : 17 Jul 2019 17:36
Operator : HP/JU
Sample : K3835-27
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

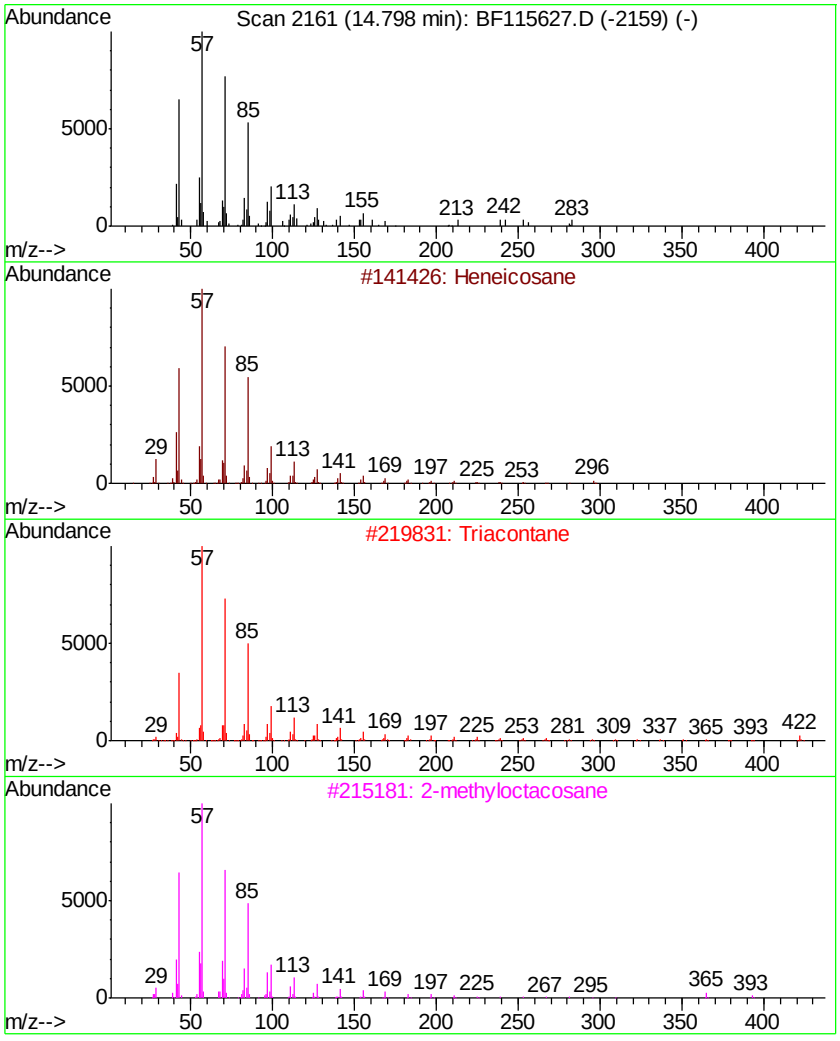
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

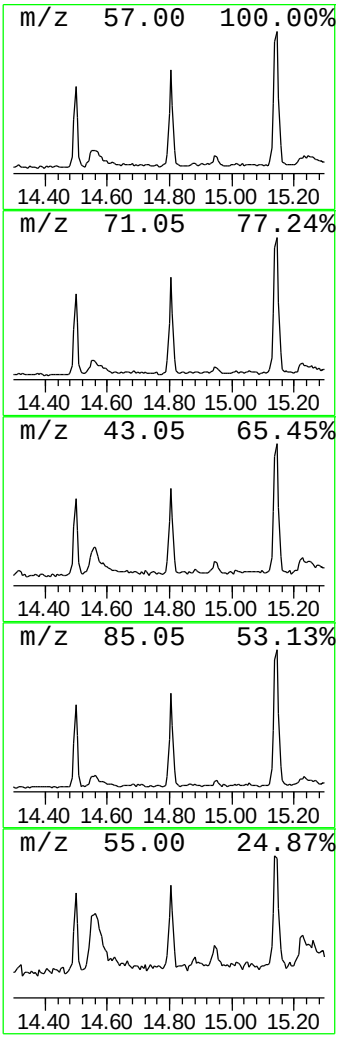
****

Peak Number 8 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	2.47 ng	103766	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Triacontane	422	C30H62	000638-68-6	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Octadecane	254	C18H38	000593-45-3	91





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Data File : BF115627.D
Acq On : 17 Jul 2019 17:36
Operator : HP/JU
Sample : K3835-27
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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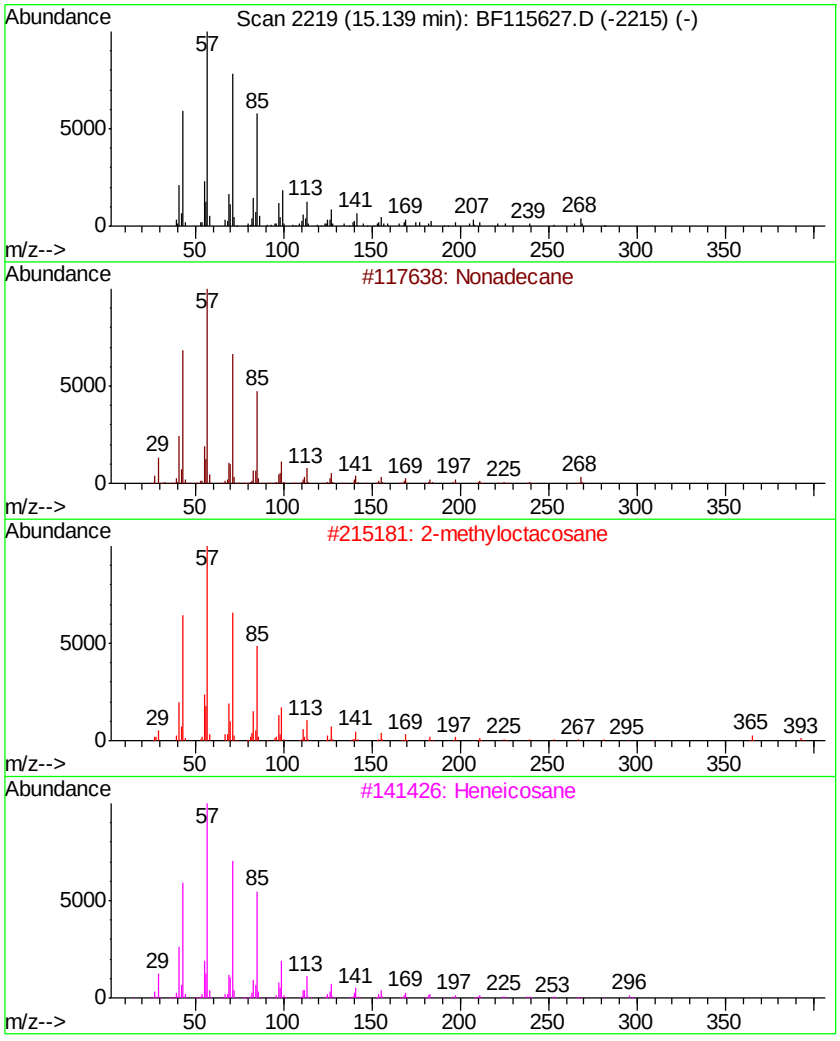
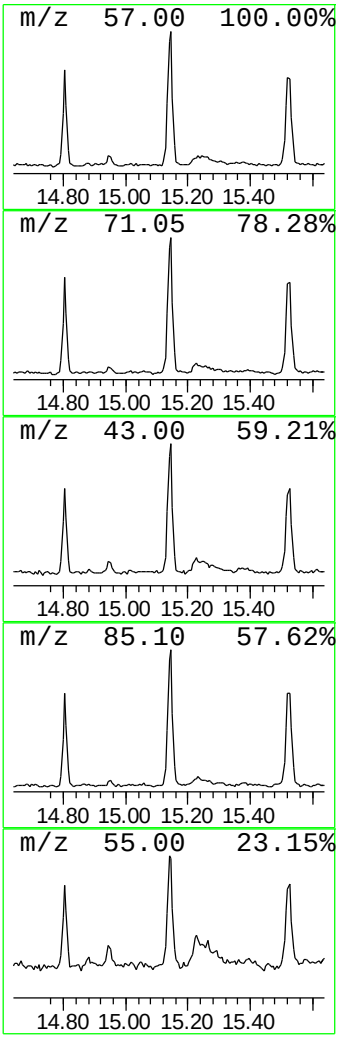
Peak Number 10 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	4.59 ng	192976	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Octacosane	394	C28H58	000630-02-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071719\
Data File : BF115627.D
Acq On : 17 Jul 2019 17:36
Operator : HP/JU
Sample : K3835-27
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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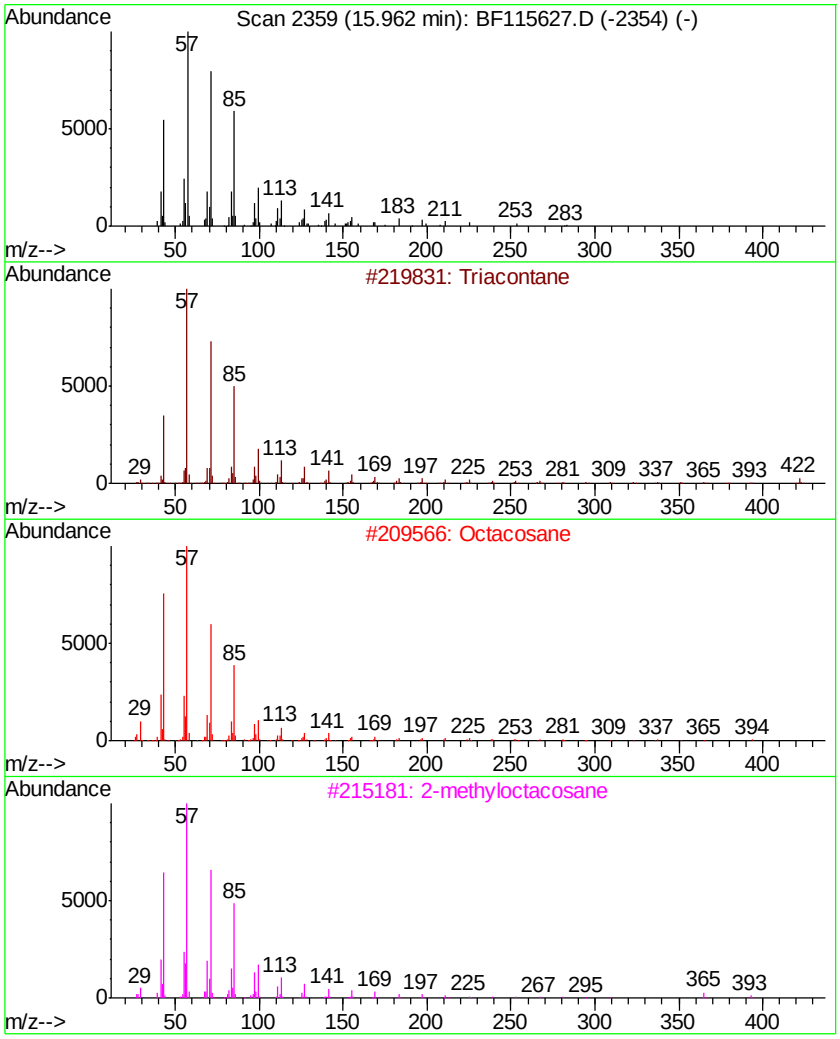
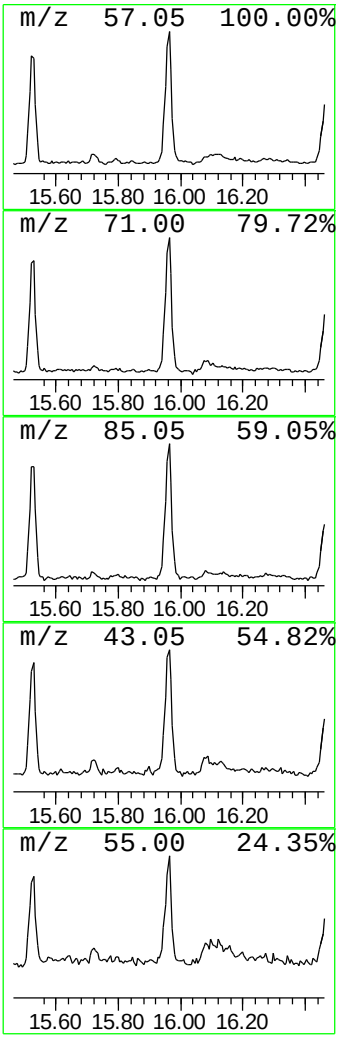
Peak Number 11 Triacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	4.83 ng	202946	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Octacosane	394	C28H58	000630-02-4	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071719\
Data File : BF115627.D
Acq On : 17 Jul 2019 17:36
Operator : HP/JU
Sample : K3835-27
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

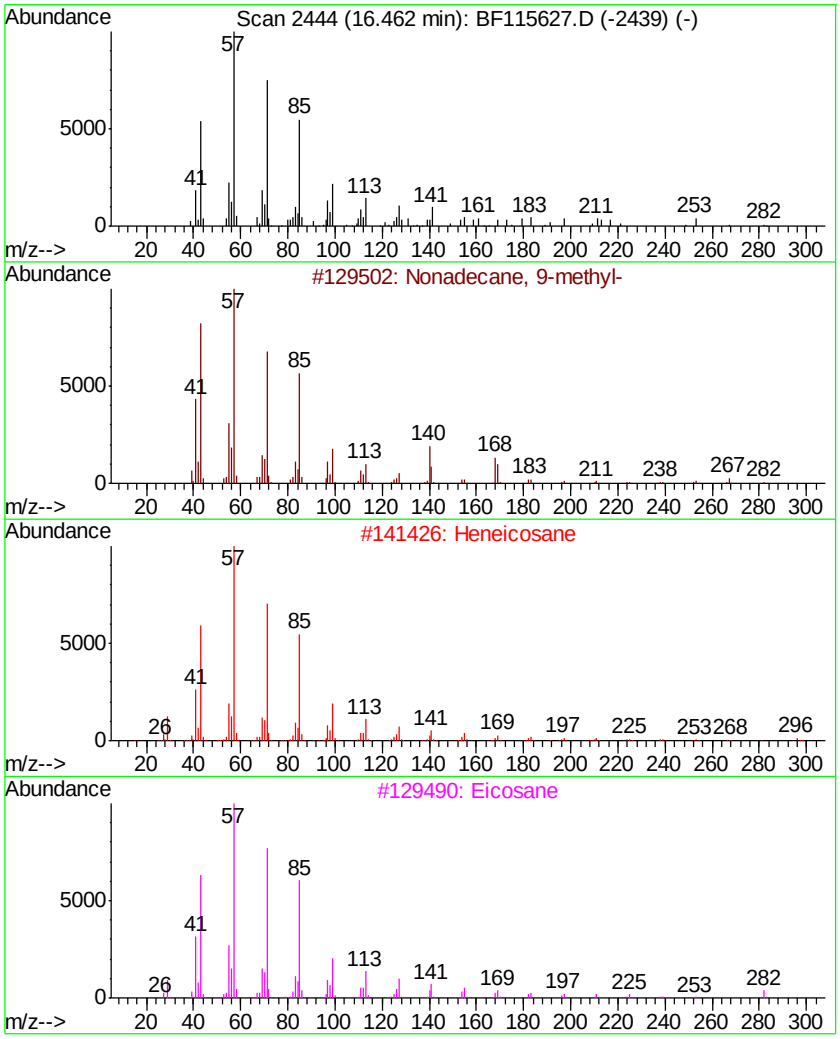
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

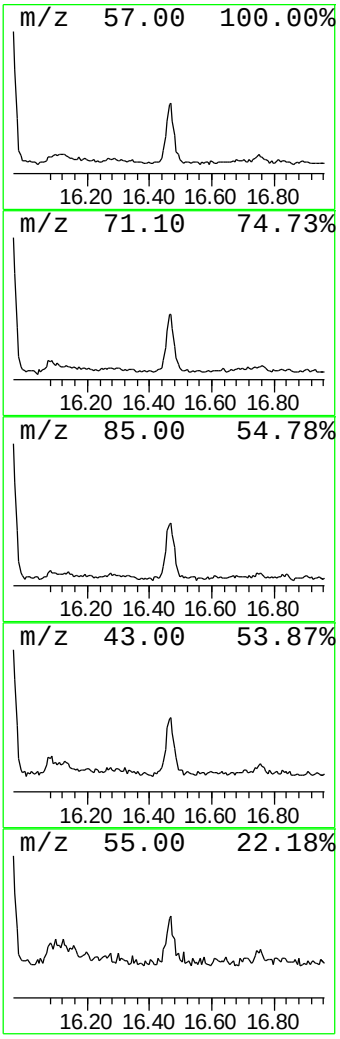
****

Peak Number 12 Nonadecane, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	2.68 ng	112502	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Pentacosane	352	C25H52	000629-99-2	91
5	Heptacosane	380	C27H56	000593-49-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071719\
Data File : BF115627.D
Acq On : 17 Jul 2019 17:36
Operator : HP/JU
Sample : K3835-27
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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
Butane, 2-methoxy...	2.22	13.1	ng	685795	1	6.88	1048050	20.0
unknown6.65	6.65	59.2	ng	3102310	1	6.88	1048050	20.0
n-Hexadecanoic acid	11.92	5.7	ng	382116	4	11.40	1340270	20.0
1-Hexadecanol	13.92	5.1	ng	250874	5	14.03	977951	20.0
Octadecane	14.50	2.2	ng	105563	5	14.03	977951	20.0
Carbonic acid, oc...	14.56	3.1	ng	152406	5	14.03	977951	20.0
Heneicosane	14.80	2.5	ng	103766	6	15.49	840898	20.0
Nonadecane	15.14	4.6	ng	192976	6	15.49	840898	20.0
Triacontane	15.96	4.8	ng	202946	6	15.49	840898	20.0
Nonadecane, 9-met...	16.46	2.7	ng	112502	6	15.49	840898	20.0