LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117027.D
Acq On : 13 Sep 2019 17:31
Operator : HP/JU
Sample : K4836-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

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-BF091319.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	2.122	3	6	12	rVB	1090653	1311638	39.91%	4.111%
2	5.445	567	571	590	rBV	1593112	1610475	49.00%	5.048%
3	6.457	738	743	753	rBV	1484921	1429263	43.49%	4.480%
4	6.598	762	767	770	rBV	2333043	2442638	74.32%	7.656%
5	6.822	801	805	815	rBV	502303	414446	12.61%	1.299%
6	6.981	827	832	835	rBV	2409782	2120115	64.51%	6.645%
7	7.386	895	901	904	rBV	1557409	1680770	51.14%	5.268%
8	8.098	1018	1022	1030	rBV	502040	514412	15.65%	1.612%
9	9.175	1200	1205	1208	rBV	3333144	3286546	100.00%	10.301%
10	9.292	1222	1225	1229	rVB	39022	35785	1.09%	0.112%
11	9.563	1266	1271	1276	rBV	186775	169591	5.16%	0.532%
12	9.851	1316	1320	1332	rVB	718289	616971	18.77%	1.934%
13	10.639	1449	1454	1472	rBV	1931607	2003295	60.95%	6.279%
14	11.333	1568	1572	1579	rBV	644327	610280	18.57%	1.913%
15	11.457	1579	1593	1609	rVB2	42734	208437	6.34%	0.653%
16	11.857	1650	1661	1676	rBV	258449	461660	14.05%	1.447%
17	12.416	1751	1756	1764	rBV4	31650	70001	2.13%	0.219%
18	12.574	1776	1783	1788	rBV6	23309	48544	1.48%	0.152%
19	12.645	1788	1795	1805	rVV	311345	559612	17.03%	1.754%
20	12.763	1805	1815	1822	rVB3	113891	345942	10.53%	1.084%
21	12.921	1836	1842	1845	rBV	3314908	3272270	99.57%	10.257%
22	13.545	1940	1948	1956	rBV	343067	575879	17.52%	1.805%
23	13.810	1989	1993	1995	rBV	68764	82998	2.53%	0.260%
24	13.833	1995	1997	2012	rVV4	57048	135288	4.12%	0.424%
25	13.968	2016	2020	2030	rVB	521898	565269	17.20%	1.772%
26	14.127	2042	2047	2049	rBV	227412	252718	7.69%	0.792%
27	14.162	2049	2053	2062	rVB	445859	723989	22.03%	2.269%
28	14.439	2089	2100	2106	rBV	502299	521911	15.88%	1.636%
29	14.680	2135	2141	2147	rBV	497139	792521	24.11%	2.484%
30	14.745	2147	2152	2160	rVB	760500	804948	24.49%	2.523%
31	15.009	2190	2197	2199	rBV4	20556	36144	1.10%	0.113%
32	15.074	2202	2208	2217	rVB	716419	880583	26.79%	2.760%
33	15.221	2225	2233	2242	rBV	318358	587359	17.87%	1.841%
34	15.439	2263	2270	2282	rBV2	623797	1232237	37.49%	3.862%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117027.D
Acq On : 13 Sep 2019 17:31
Operator : HP/JU
Sample : K4836-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

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-BF091319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.862	2329	2342	2353	rBV	348007	828894	25.22%	2.598%
36	16.351	2418	2425	2435	rVB	142418	259956	7.91%	0.815%
37	16.545	2450	2458	2468	rBV3	62476	155605	4.73%	0.488%
38	16.927	2515	2523	2530	rBV4	40922	90672	2.76%	0.284%
39	17.374	2590	2599	2607	rBV5	32830	96226	2.93%	0.302%
40	17.603	2629	2638	2642	rBV6	14421	34738	1.06%	0.109%
41	18.350	2758	2765	2767	rBV5	16852	33625	1.02%	0.105%

Sum of corrected areas: 31904251

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
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Acq On : 13 Sep 2019 17:31
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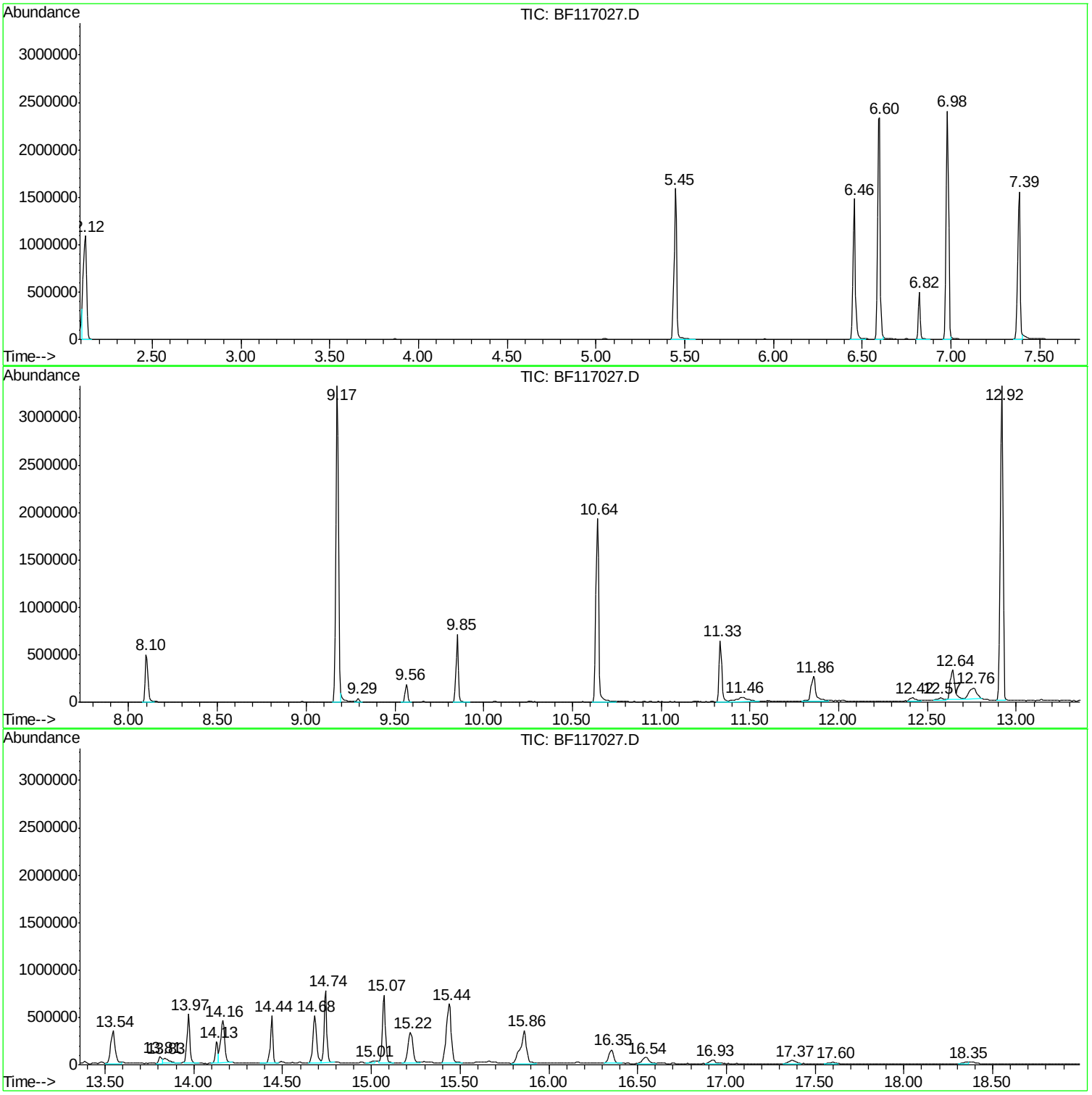
Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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\BF091319\
Data File : BF117027.D
Acq On : 13 Sep 2019 17:31
Operator : HP/JU
Sample : K4836-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

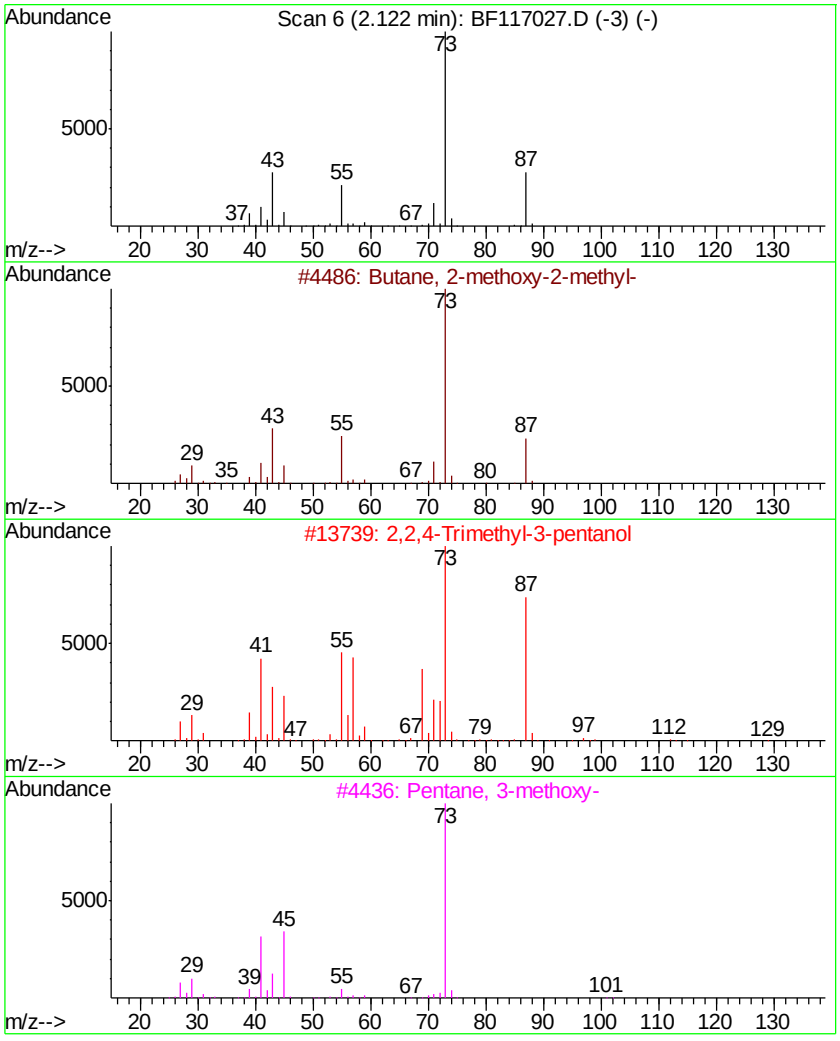
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

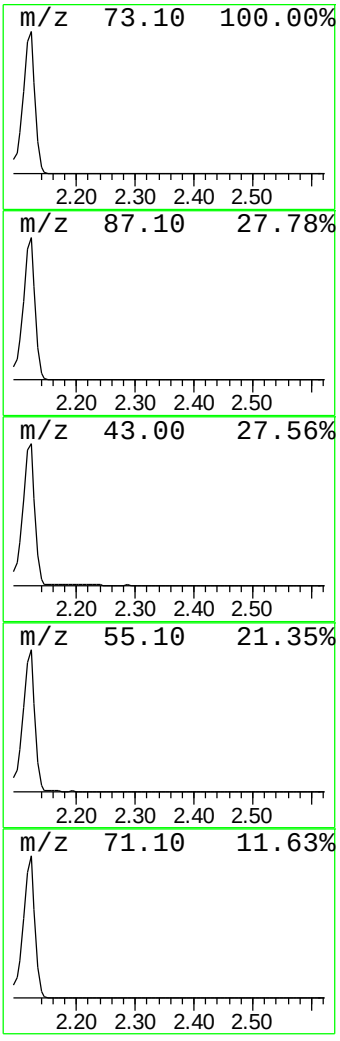
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	63.30 ng	1311640	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117027.D
Acq On : 13 Sep 2019 17:31
Operator : HP/JU
Sample : K4836-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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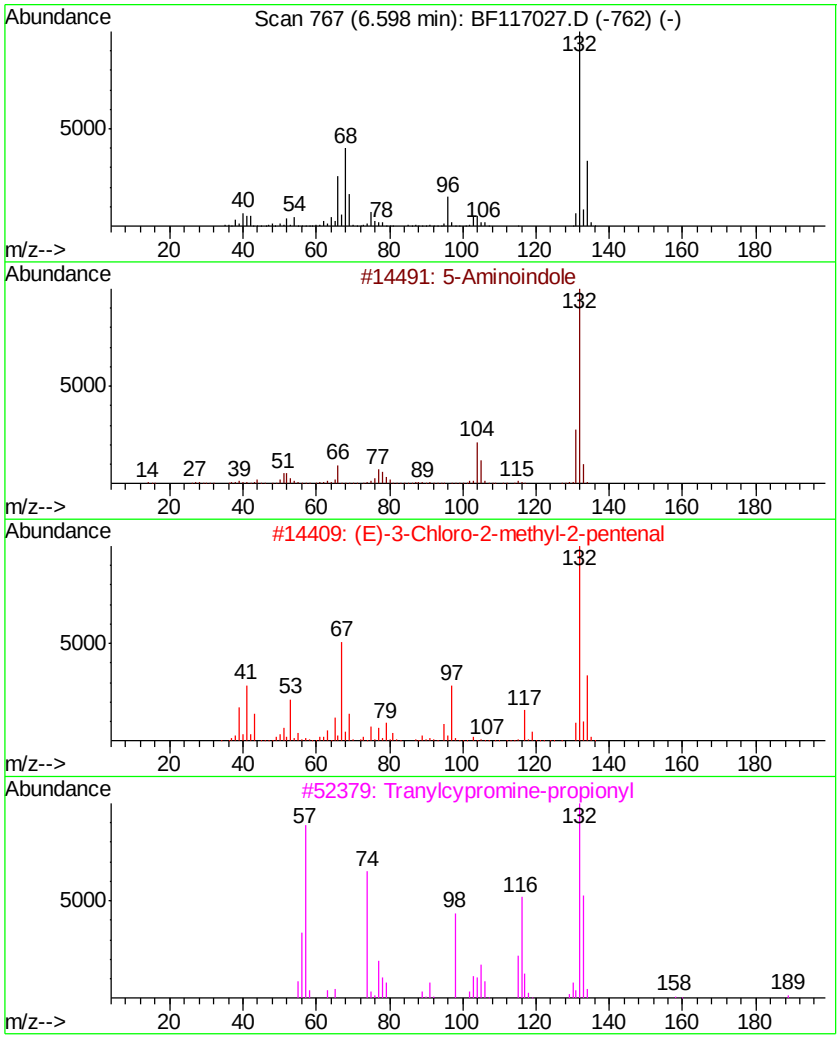
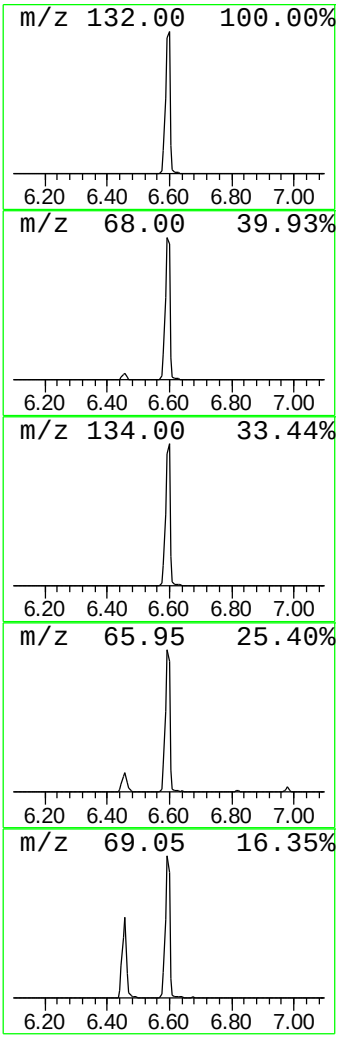
Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	117.88 ng	2442640	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	22
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117027.D
Acq On : 13 Sep 2019 17:31
Operator : HP/JU
Sample : K4836-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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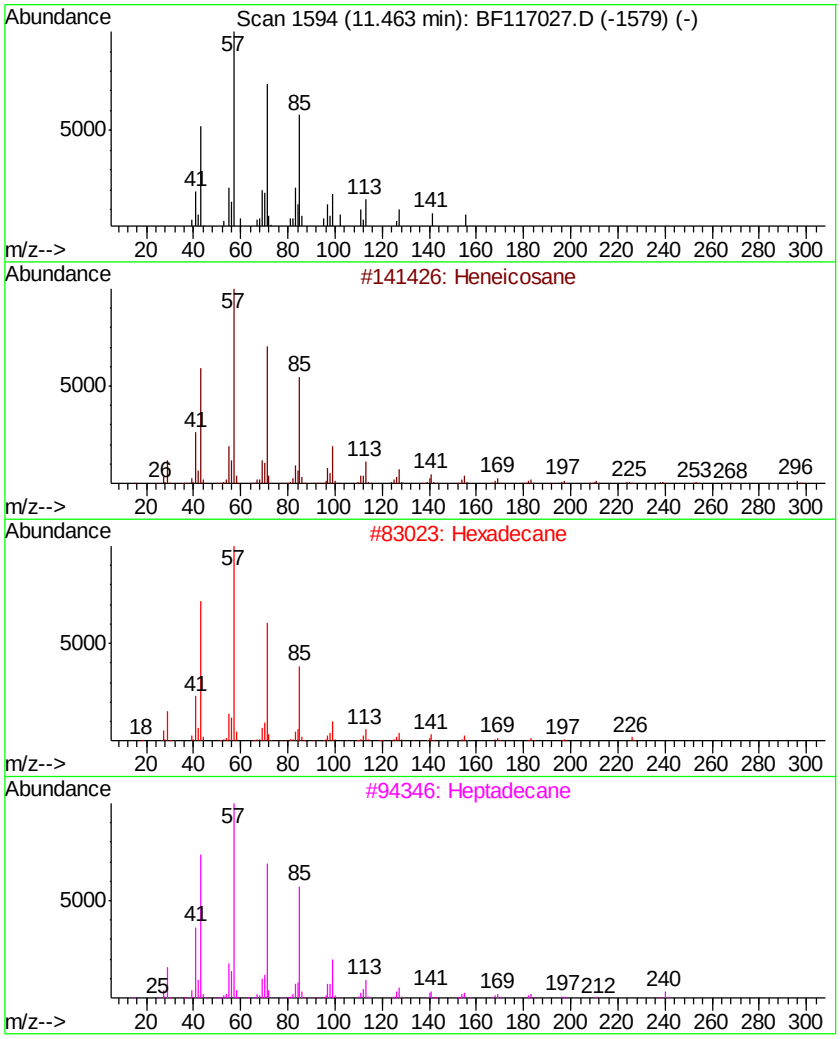
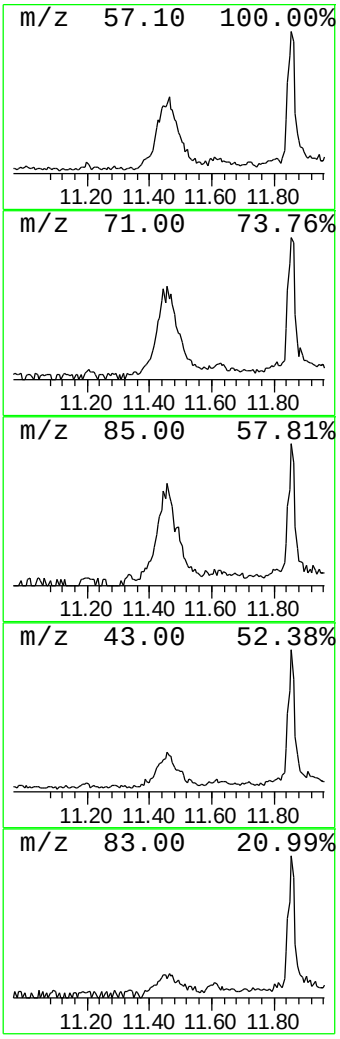
Peak Number 4 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	6.83 ng	208437	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexadecane	226	C16H34	000544-76-3	80
3	Heptadecane	240	C17H36	000629-78-7	80
4	Hexacosane	366	C26H54	000630-01-3	78
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117027.D
Acq On : 13 Sep 2019 17:31
Operator : HP/JU
Sample : K4836-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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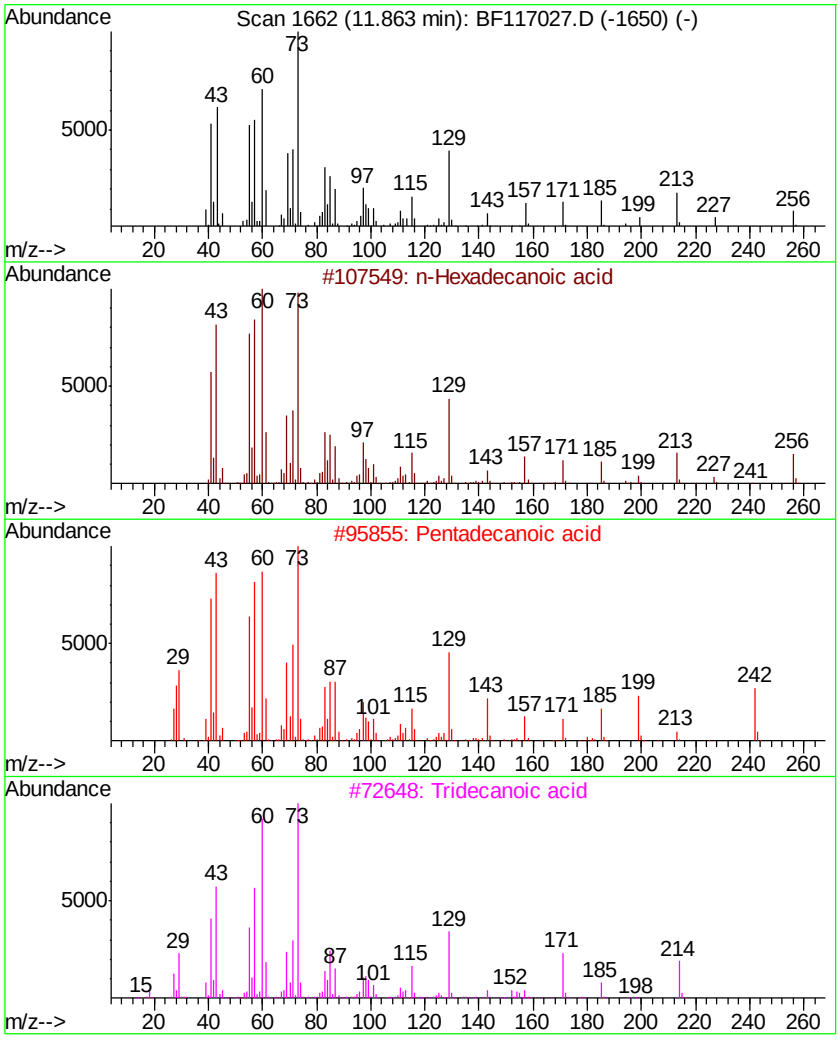
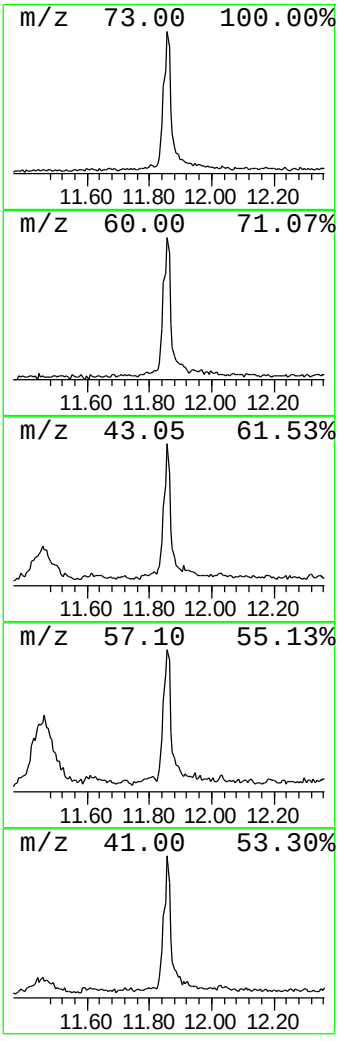
Peak Number 5 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	15.13 ng	461660	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117027.D
Acq On : 13 Sep 2019 17:31
Operator : HP/JU
Sample : K4836-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

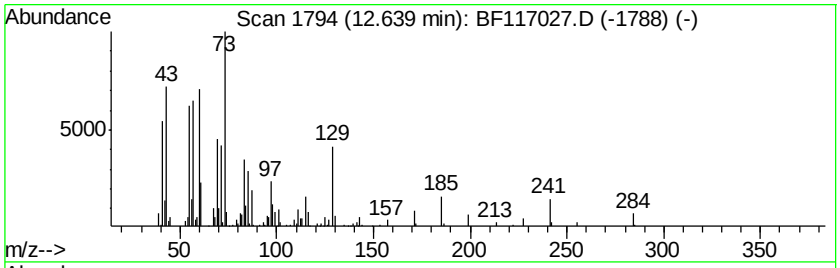
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

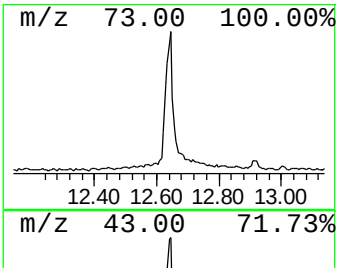
****

Peak Number 6 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	18.34 ng	559612	Phenanthrene-d10	11.33

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	72
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	62
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117027.D
Acq On : 13 Sep 2019 17:31
Operator : HP/JU
Sample : K4836-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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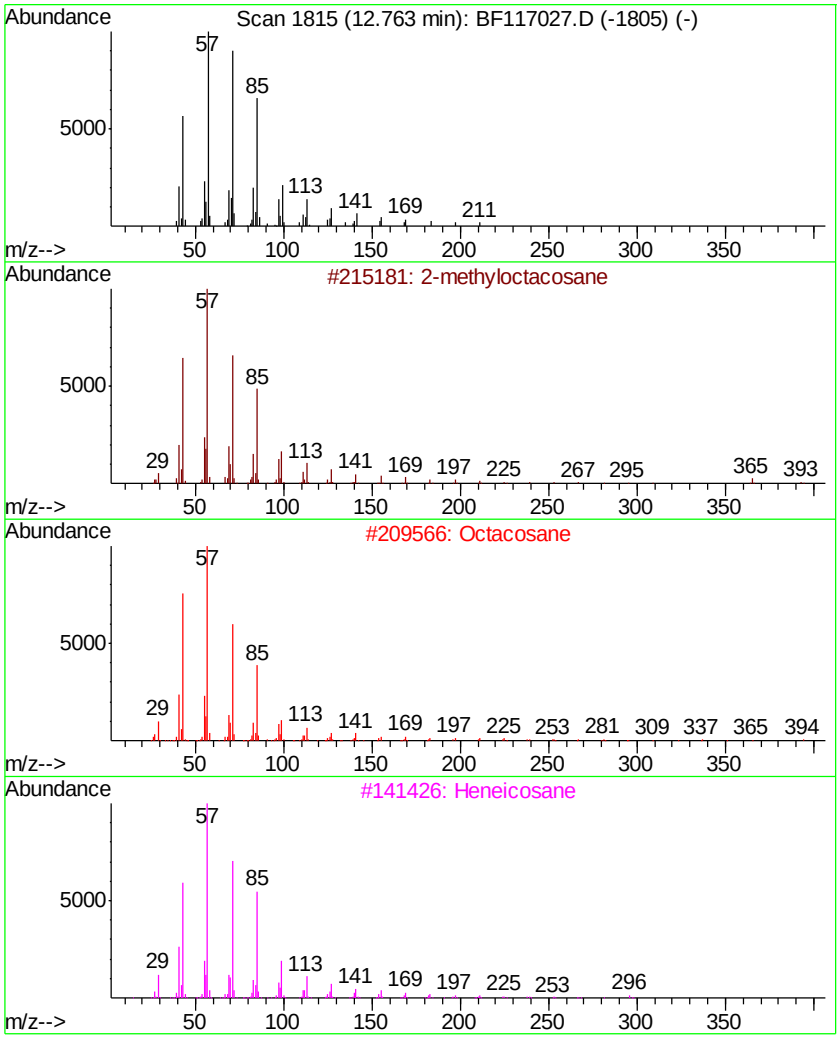
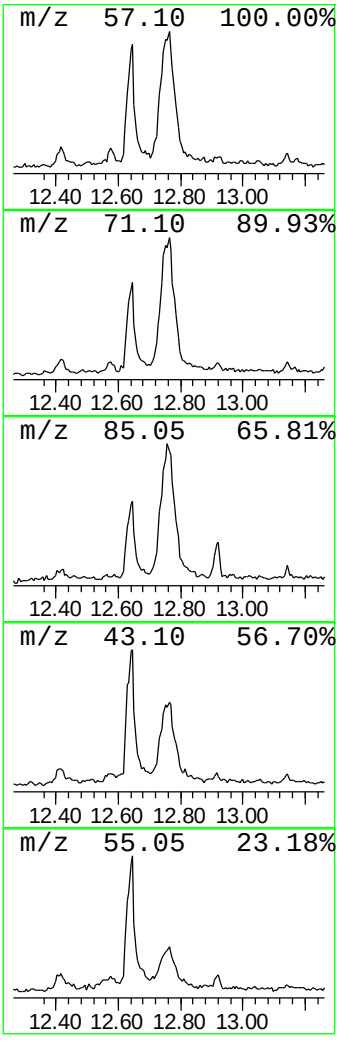
Peak Number 7 2-methyloctacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	12.24 ng	345942	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	2-methyltetracosane	352	C25H52	1000376-72-6	90
5	Triacontane	422	C30H62	000638-68-6	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117027.D
Acq On : 13 Sep 2019 17:31
Operator : HP/JU
Sample : K4836-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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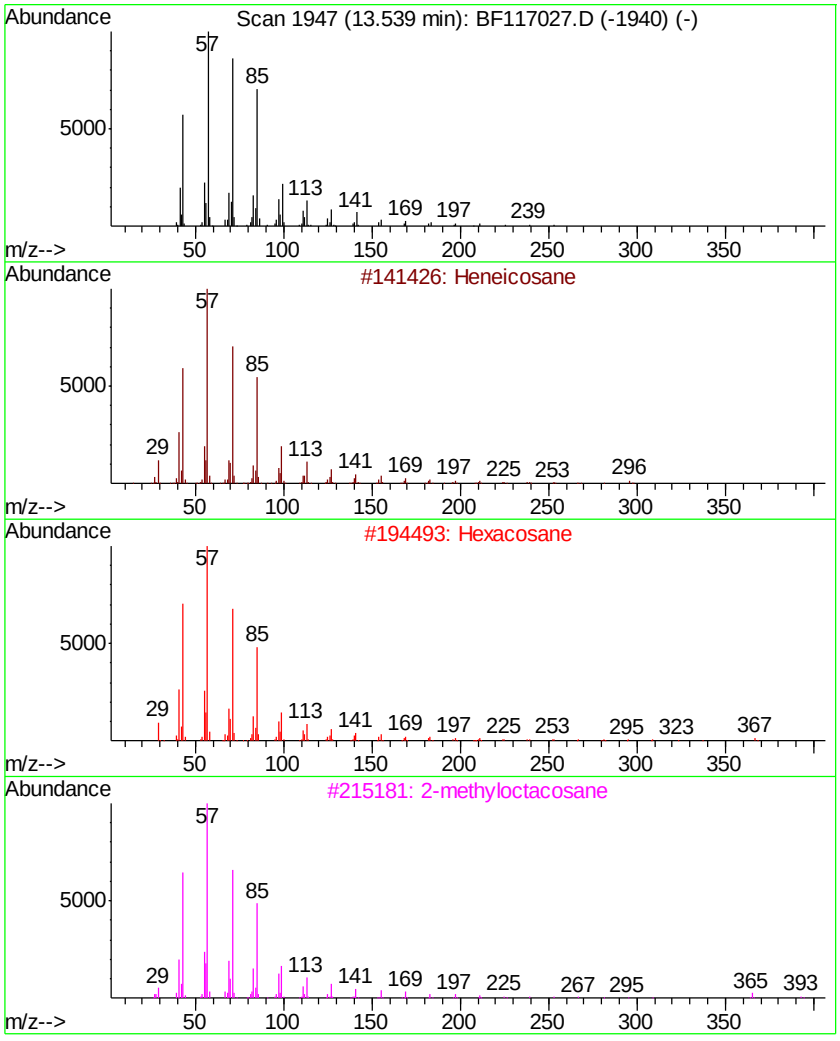
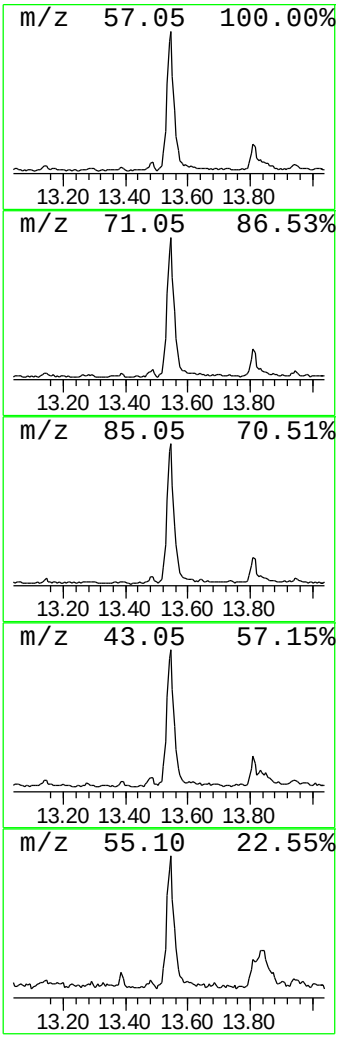
Peak Number 8 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	20.38 ng	575879	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117027.D
Acq On : 13 Sep 2019 17:31
Operator : HP/JU
Sample : K4836-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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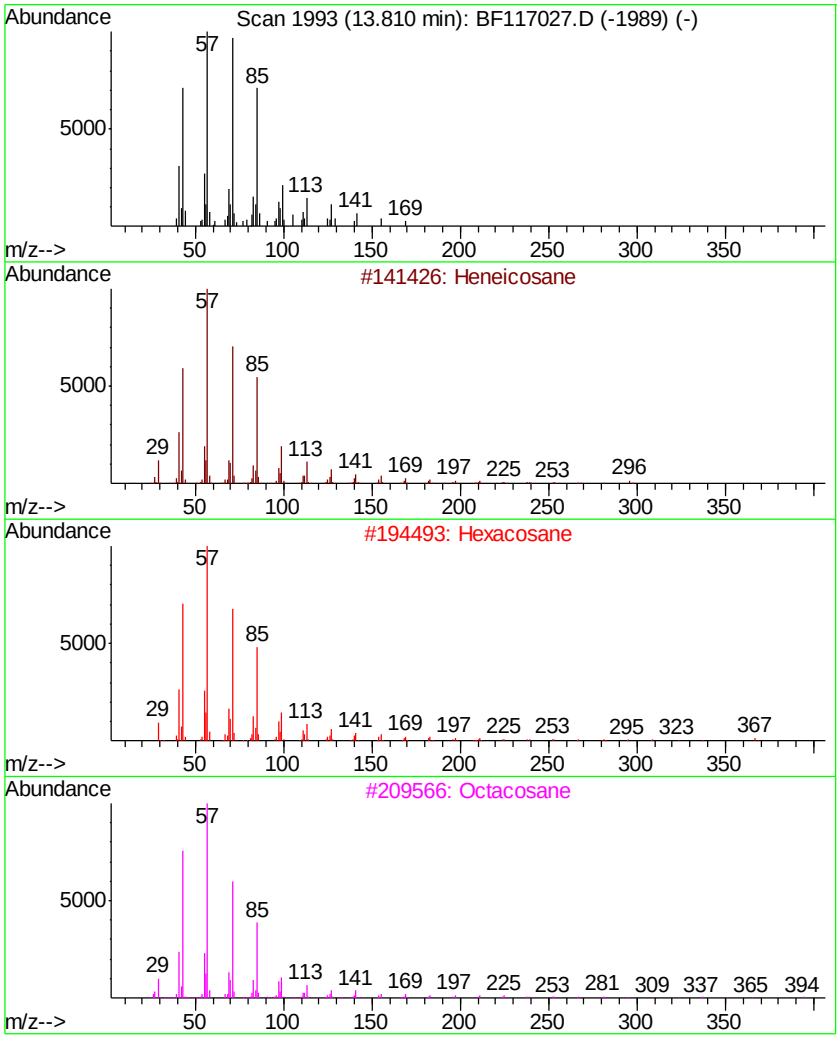
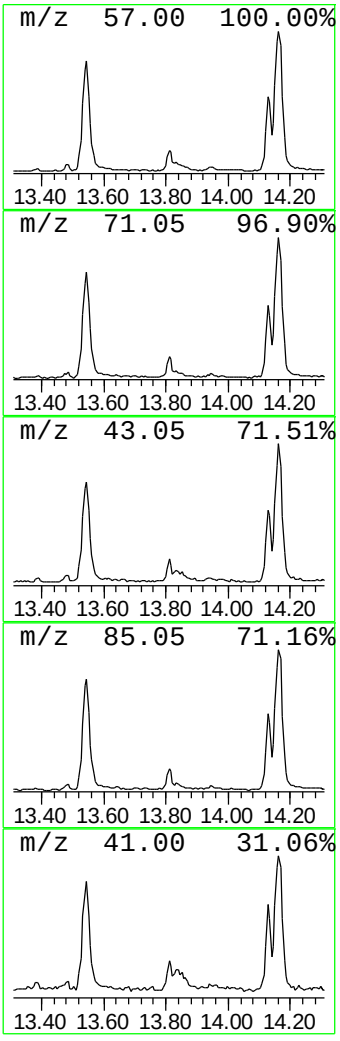
Peak Number 9 Octacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	2.94 ng	82998	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117027.D
Acq On : 13 Sep 2019 17:31
Operator : HP/JU
Sample : K4836-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

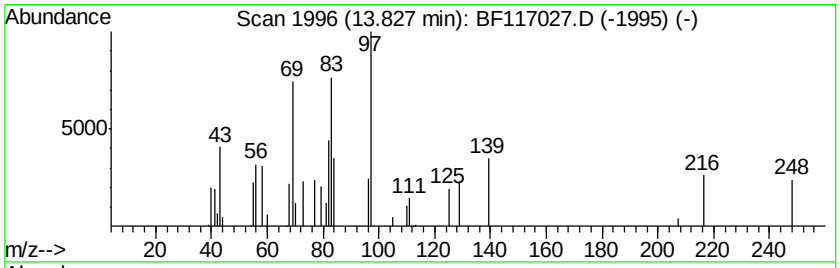
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

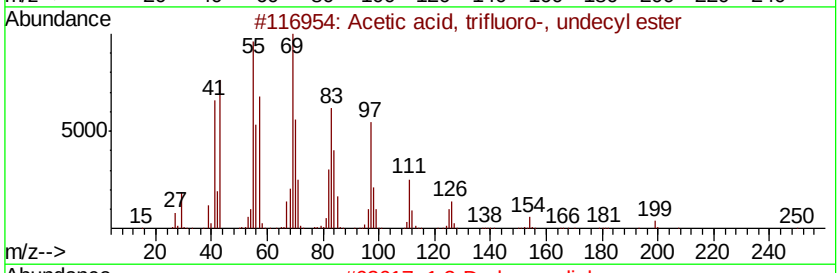
****

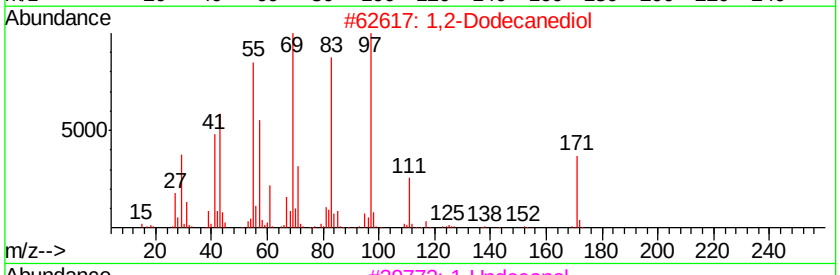
Peak Number 10 Acetic acid, trifluoro-, un... Concentration Rank 17

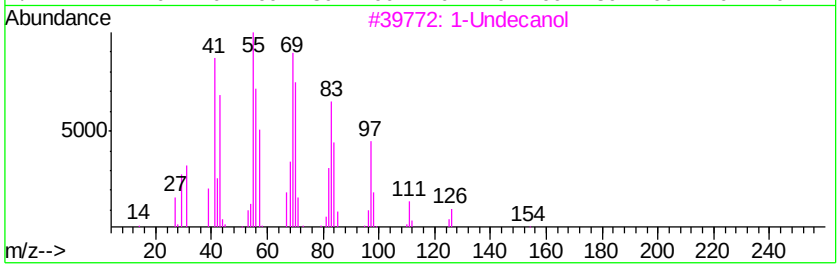
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	4.79 ng	135288	Chrysene-d12	13.97

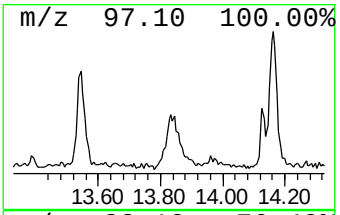
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, trifluoro-, undecyl...	268	C13H23F3O2	053800-01-4	53
2	1,2-Dodecanediol	202	C12H26O2	001119-87-5	50
3	1-Undecanol	172	C11H24O	000112-42-5	47
4	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	41
5	Hexahydropyrrolizin-3-one	125	C7H11NO	126424-83-7	35

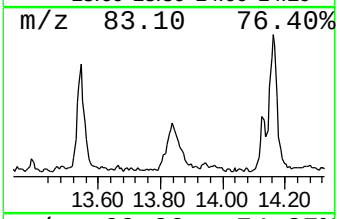


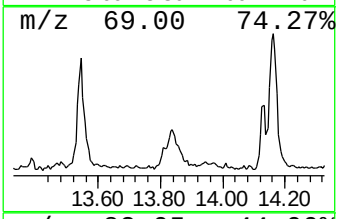


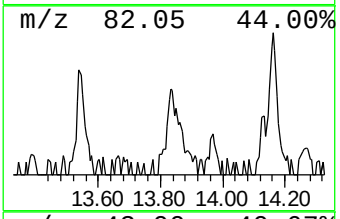


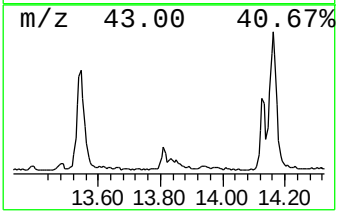












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Acq On : 13 Sep 2019 17:31
Operator : HP/JU
Sample : K4836-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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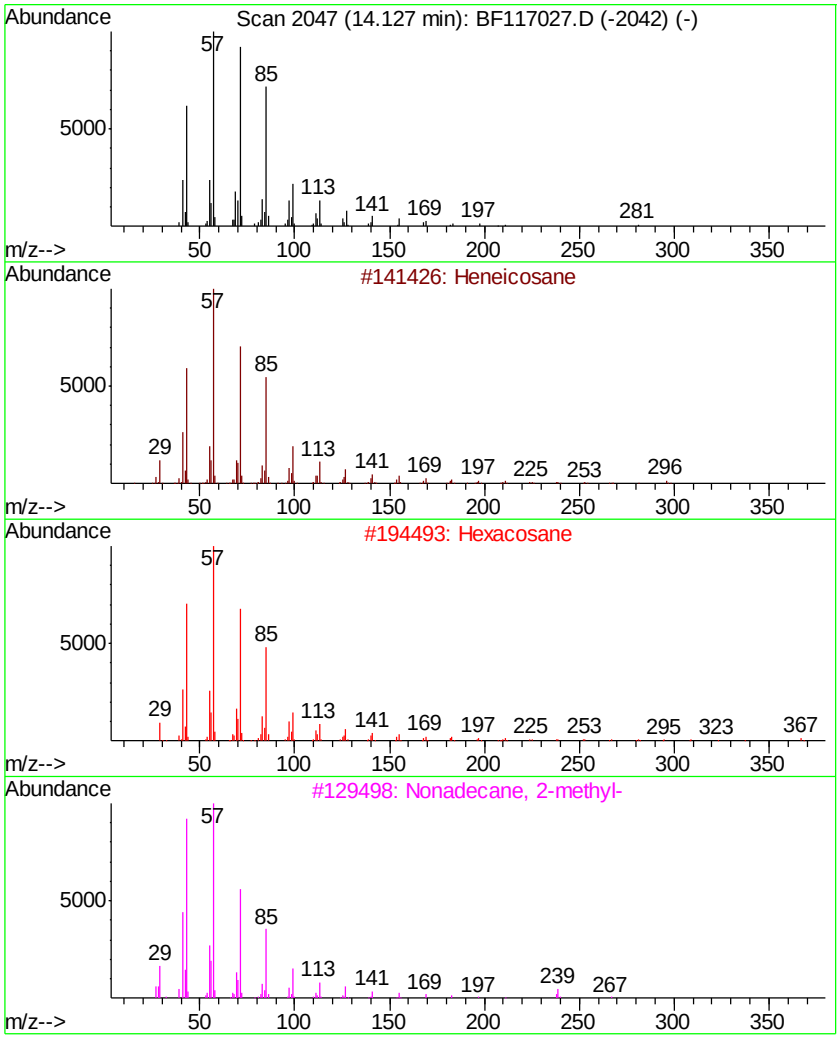
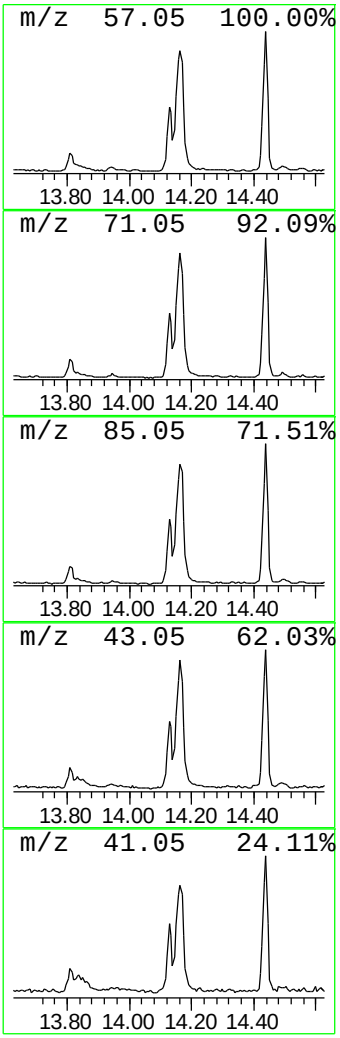
Peak Number 11 Nonadecane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	8.94 ng	252718	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86
4	10-Methylnonadecane	282	C20H42	056862-62-5	86
5	Heptadecane	240	C17H36	000629-78-7	86





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Sample : K4836-01
Misc :
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Instrument : BNA_F
ClientSampleId : MW-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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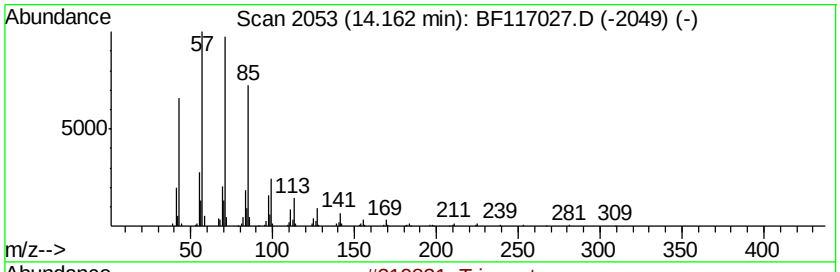
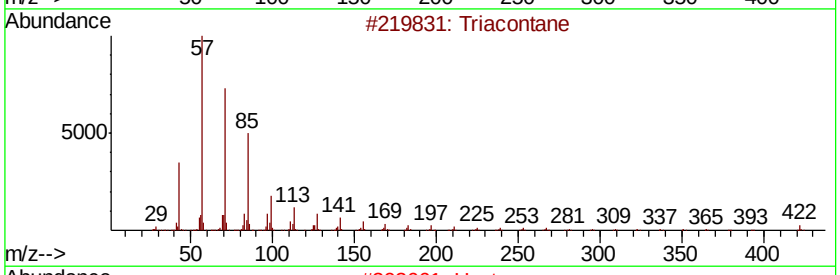
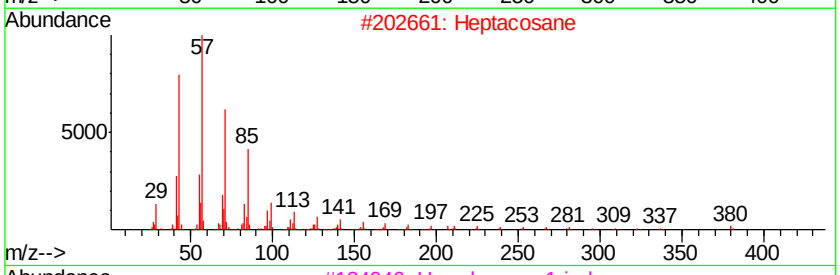
Peak Number 12 Triacontane Concentration Rank 5

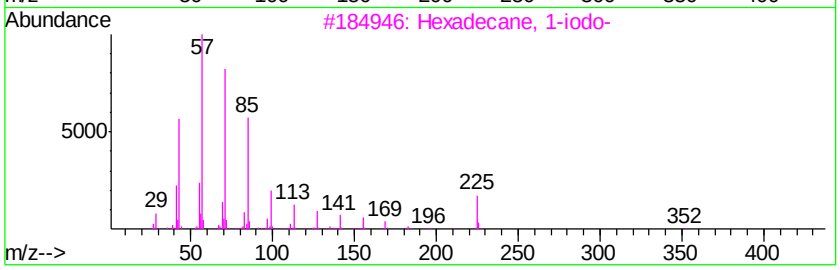
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	25.62 ng	723989	Chrysene-d12	13.97

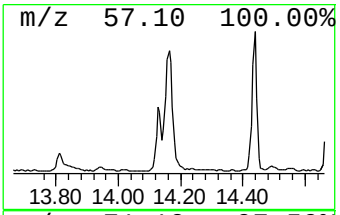
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	90
2	Heptacosane	380	C27H56	000593-49-7	86
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
4	2-methyloctacosane	408	C29H60	1000376-72-8	86
5	Octacosane	394	C28H58	000630-02-4	72

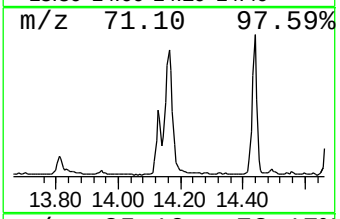


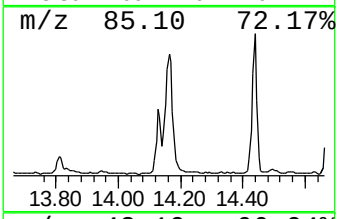


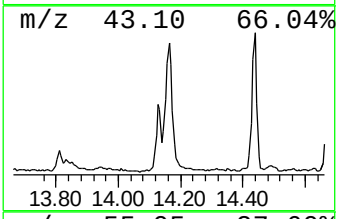


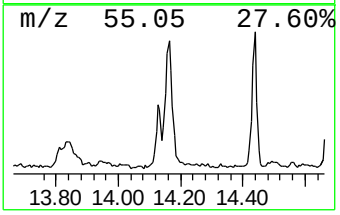












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Acq On : 13 Sep 2019 17:31
Operator : HP/JU
Sample : K4836-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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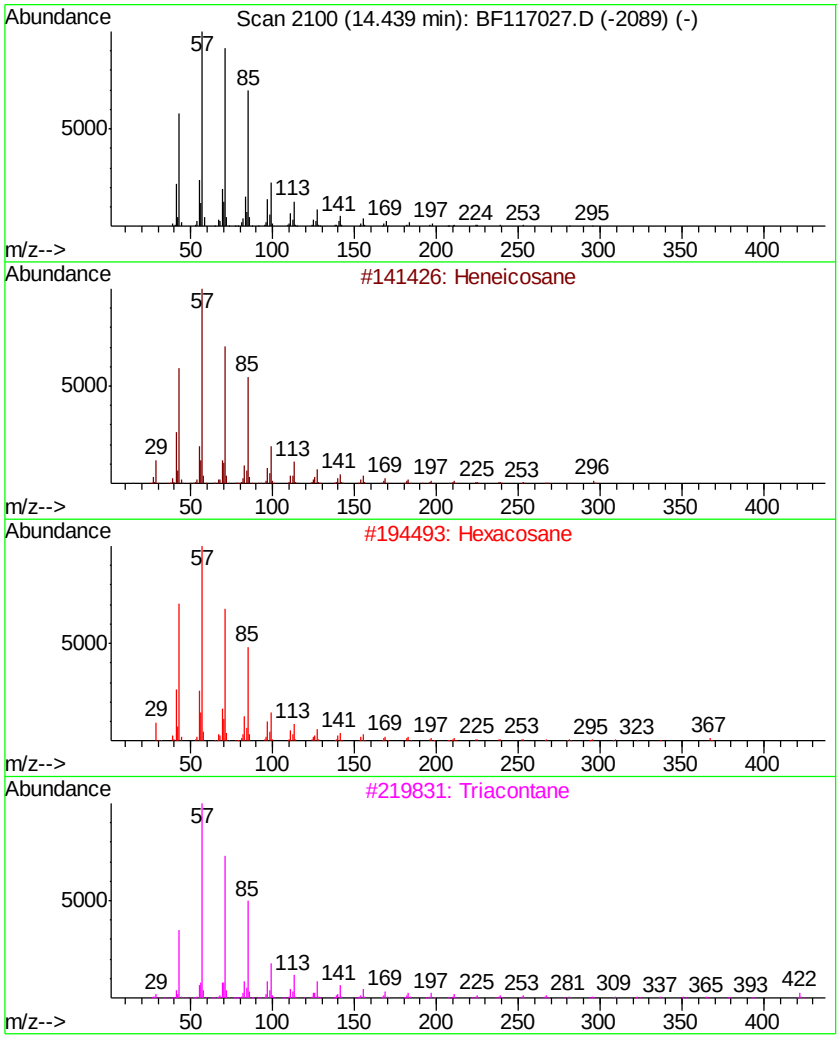
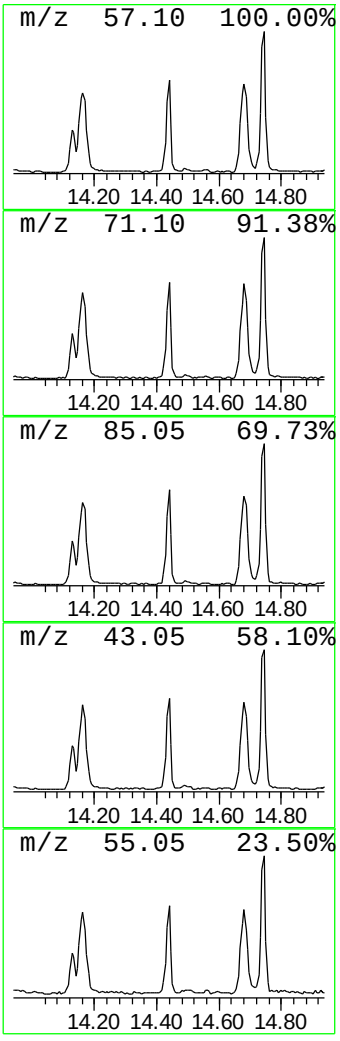
Peak Number 13 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	18.47 ng	521911	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Triacontane	422	C30H62	000638-68-6	90
4	Heptadecane	240	C17H36	000629-78-7	86
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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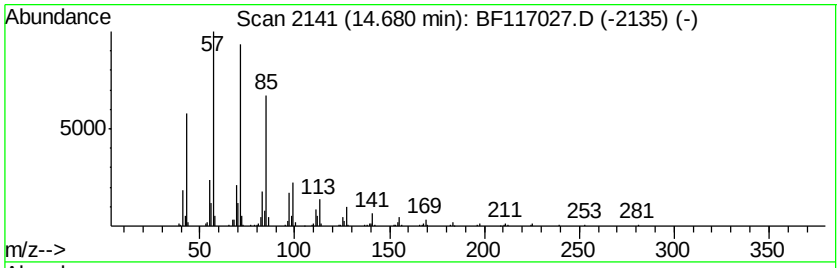
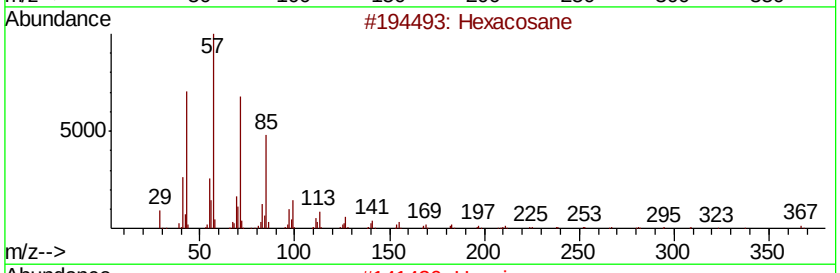
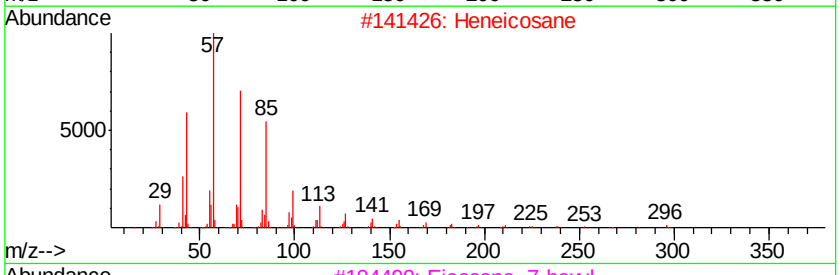
Peak Number 14 Eicosane, 7-hexyl- Concentration Rank 4

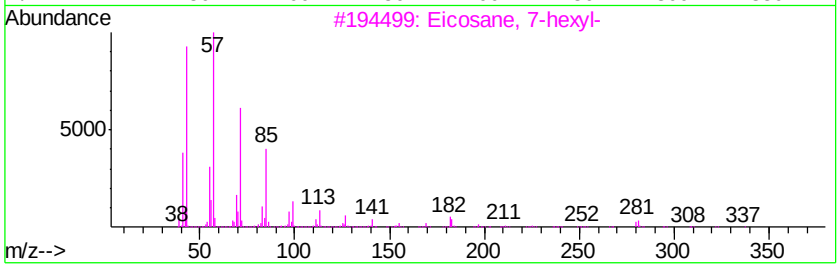
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	28.04 ng	792521	Chrysene-d12	13.97

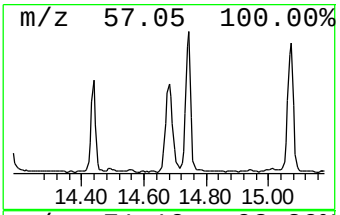
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	87

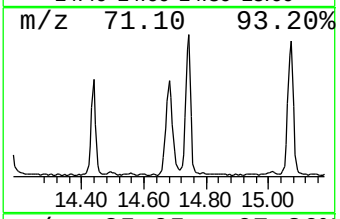


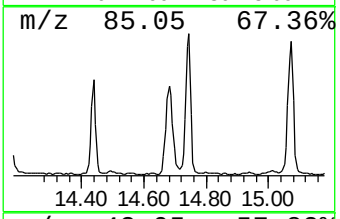


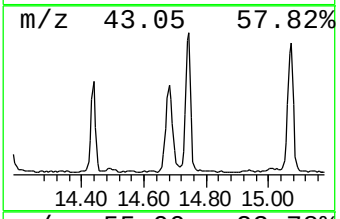


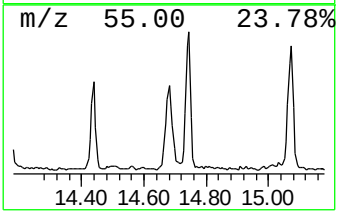












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Acq On : 13 Sep 2019 17:31
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Sample : K4836-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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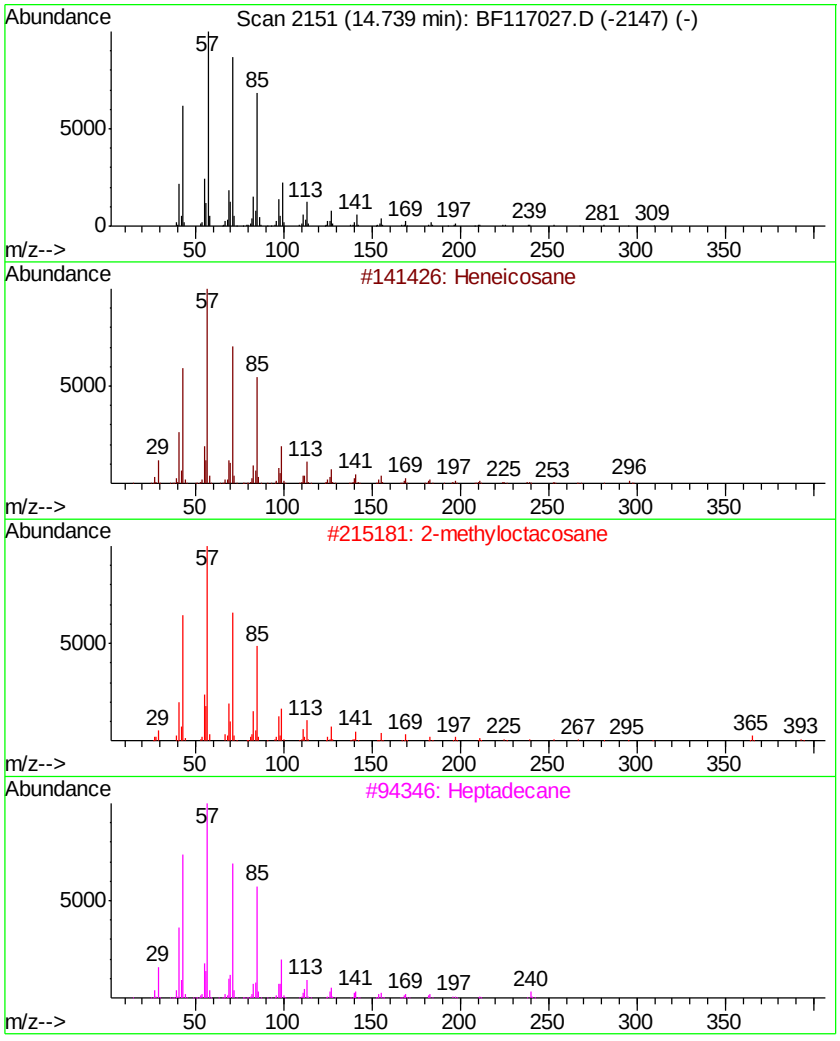
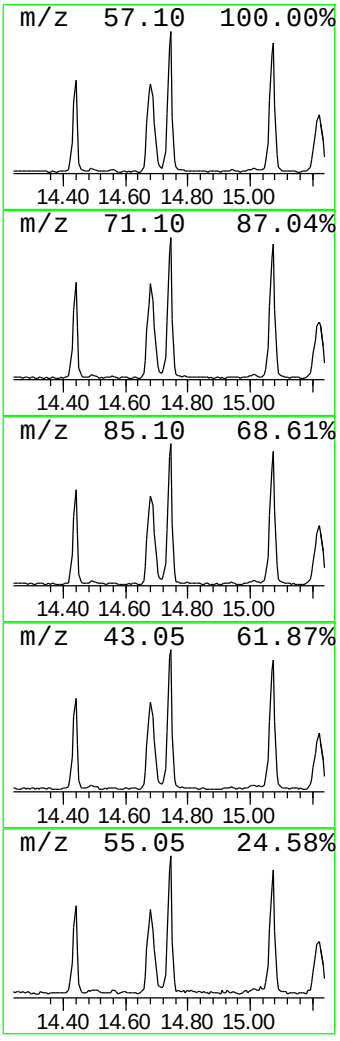
Peak Number 15 6,6-Diethylhoctadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	13.06 ng	804948	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	6,6-Diethylhoctadecane	310	C22H46	1000360-41-8	90





Library Search Compound Report

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

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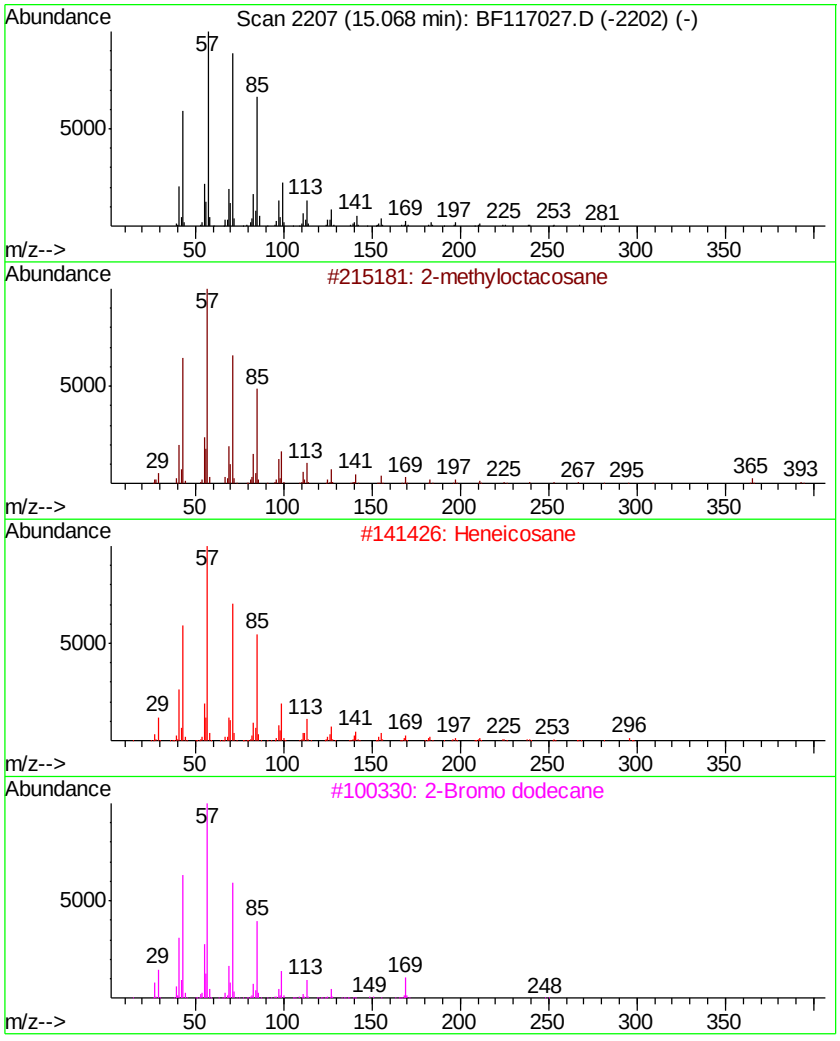
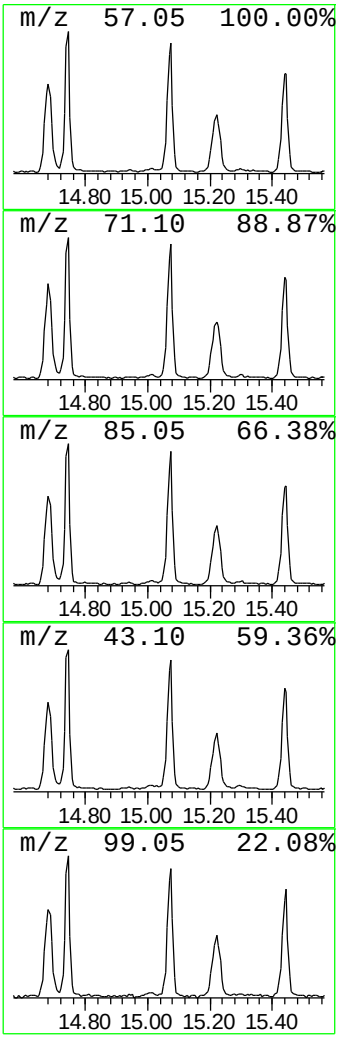
Peak Number 16 2-Bromo dodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	14.29 ng	880583	Perylene-d12	15.43

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	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
4	Hexacosane	366	C26H54	000630-01-3	87
5	Hexadecane	226	C16H34	000544-76-3	86





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Sample : K4836-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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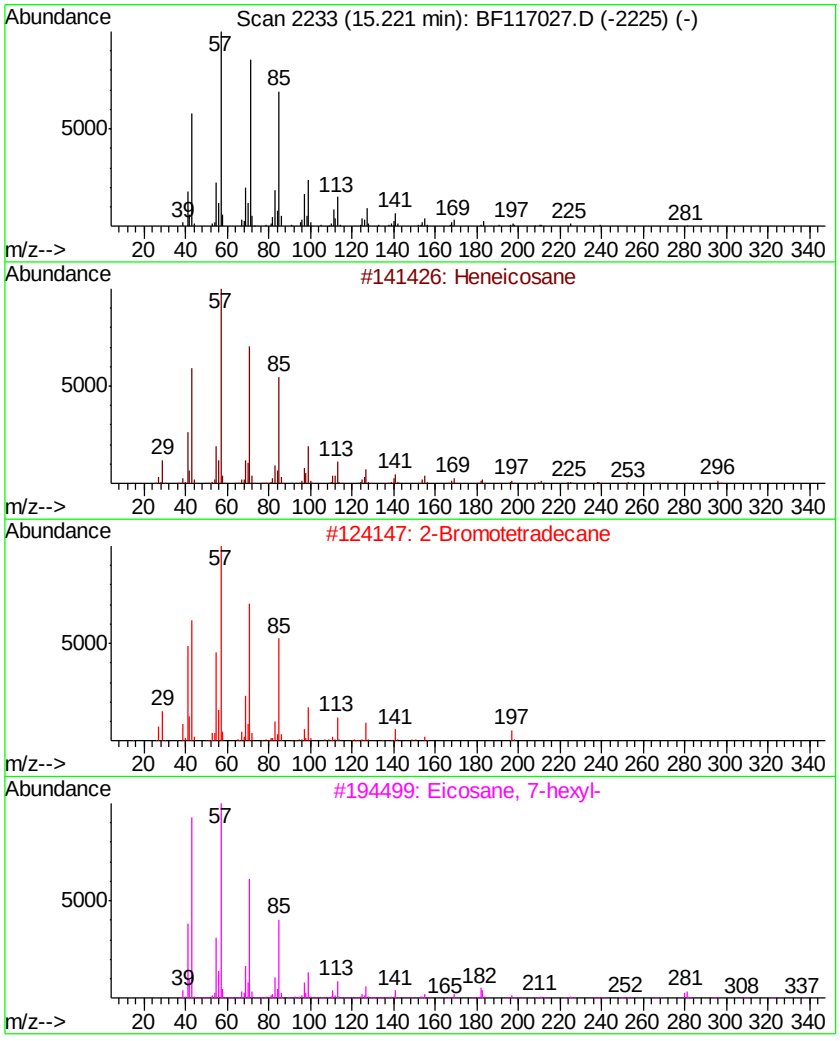
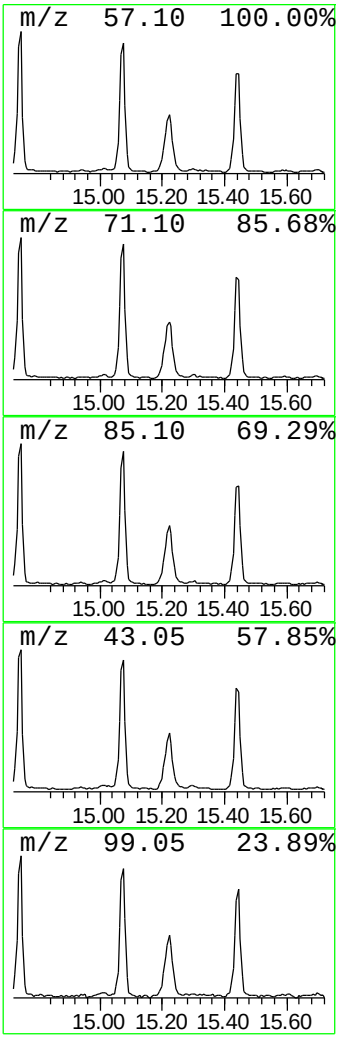
Peak Number 17 2-Bromotetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	9.53 ng	587359	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	90
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4	Hexacosane	366	C26H54	000630-01-3	87
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	86





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ClientSampleId : MW-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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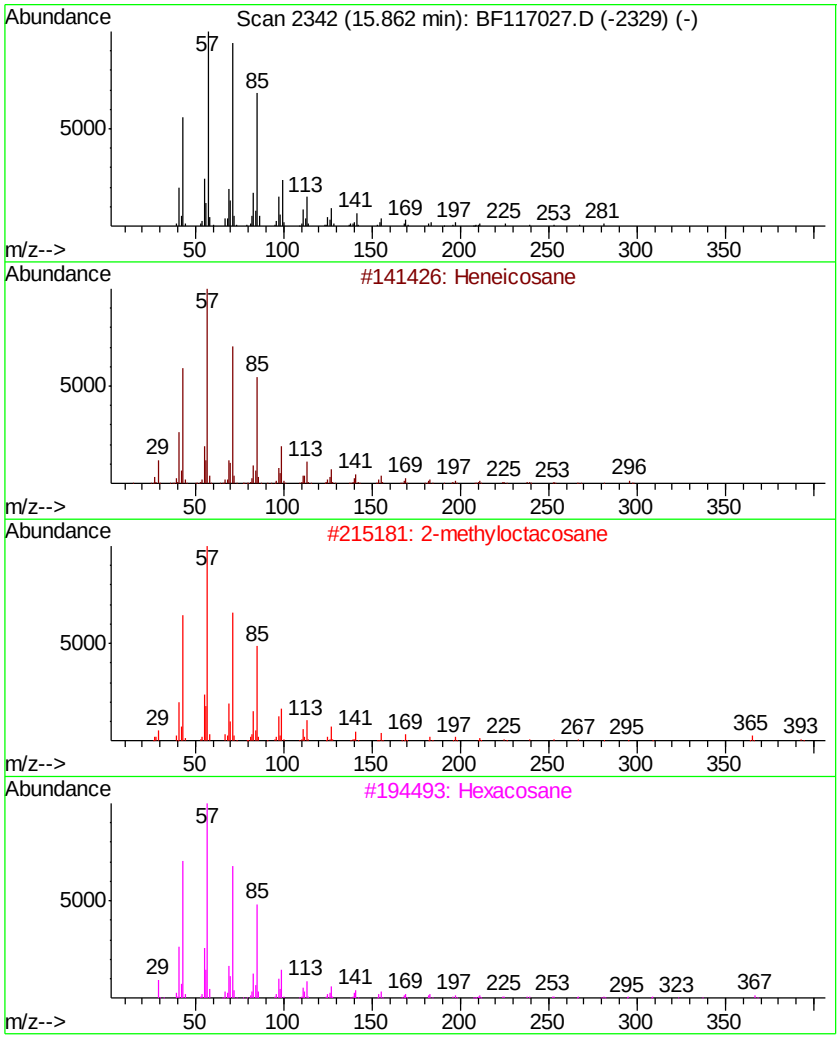
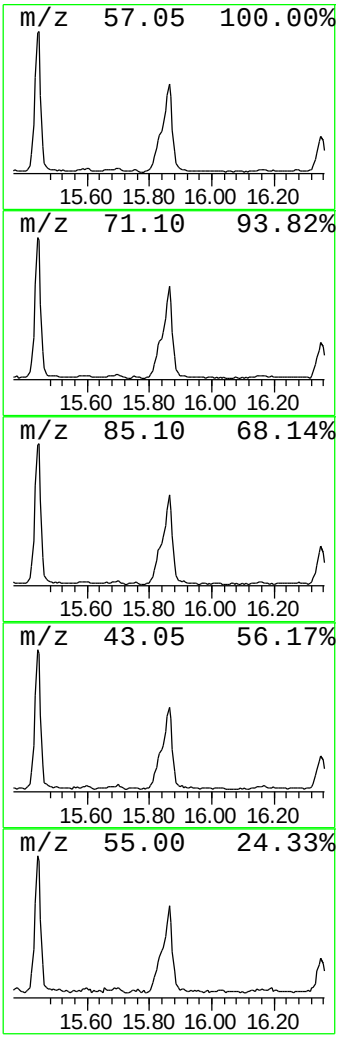
Peak Number 18 Hentriacontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	13.45 ng	828894	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
5	Hentriacontane	437	C31H64	000630-04-6	83





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Acq On : 13 Sep 2019 17:31
Operator : HP/JU
Sample : K4836-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

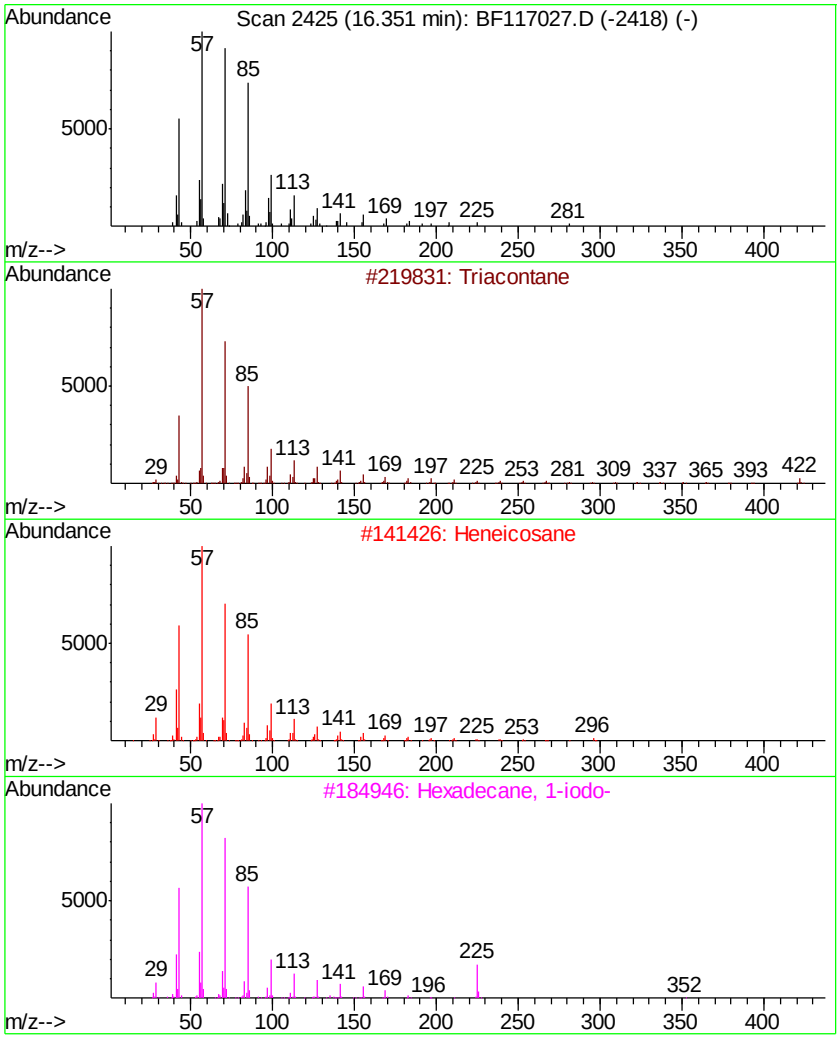
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

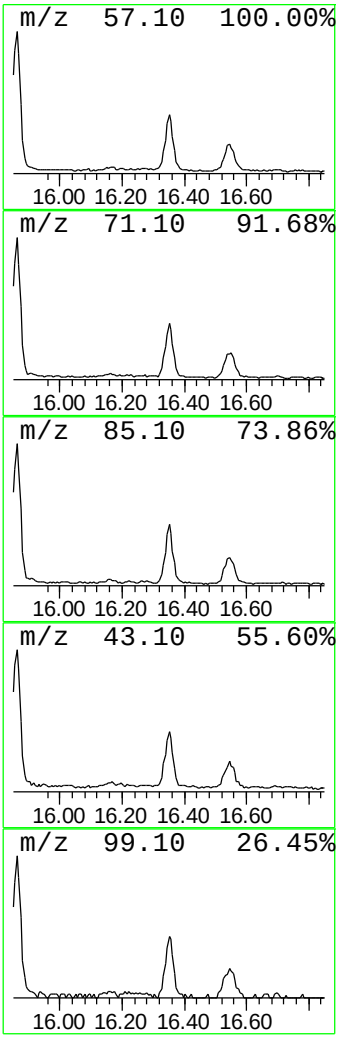
****

Peak Number 19 Hexadecane, 1-iodo- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	4.22 ng	259956	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Octacosane	394	C28H58	000630-02-4	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117027.D
Acq On : 13 Sep 2019 17:31
Operator : HP/JU
Sample : K4836-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

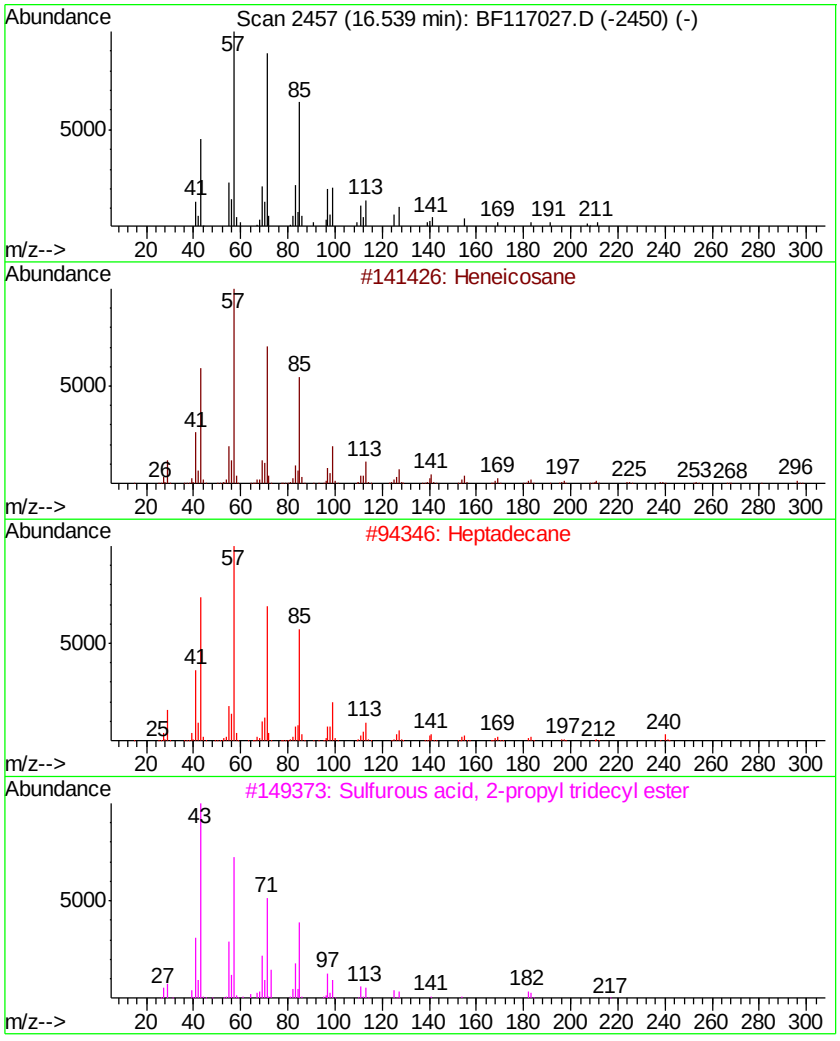
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

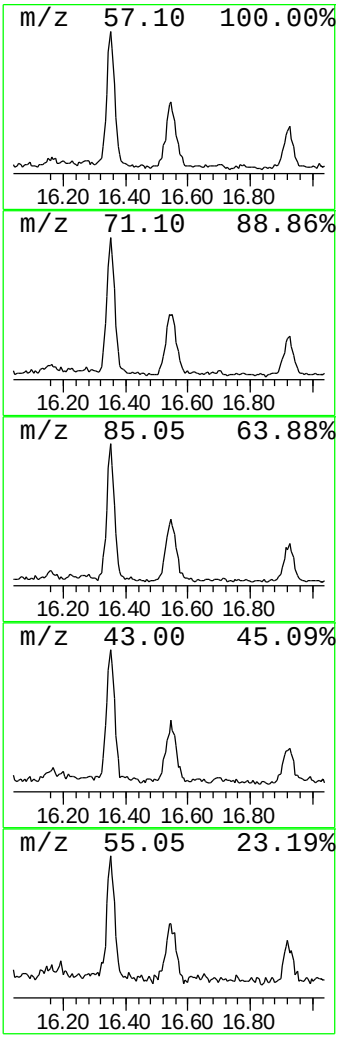
****

Peak Number 20 Sulfurous acid, 2-propyl tr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	2.53 ng	155605	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Heptadecane	240	C17H36	000629-78-7	86
3	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	86
4	Hexacosane	366	C26H54	000630-01-3	86
5	2-methyloctacosane	408	C29H60	1000376-72-8	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091319\
Data File : BF117027.D
Acq On : 13 Sep 2019 17:31
Operator : HP/JU
Sample : K4836-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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...	2.12	63.3	ng	1311640	1	6.82	414446	20.0
unknown6.60	6.60	117.9	ng	2442640	1	6.82	414446	20.0
Heneicosane	11.46	6.8	ng	208437	4	11.33	610280	20.0
n-Hexadecanoic acid	11.86	15.1	ng	461660	4	11.33	610280	20.0
Octadecanoic acid	12.64	18.3	ng	559612	4	11.33	610280	20.0
2-methyloctacosane	12.76	12.2	ng	345942	5	13.97	565269	20.0
Hexacosane	13.54	20.4	ng	575879	5	13.97	565269	20.0
Octacosane	13.81	2.9	ng	82998	5	13.97	565269	20.0
Acetic acid, trif...	13.83	4.8	ng	135288	5	13.97	565269	20.0
Nonadecane, 2-met...	14.13	8.9	ng	252718	5	13.97	565269	20.0
Triacontane	14.16	25.6	ng	723989	5	13.97	565269	20.0
Heptadecane	14.44	18.5	ng	521911	5	13.97	565269	20.0
Eicosane, 7-hexyl-	14.68	28.0	ng	792521	5	13.97	565269	20.0
6,6-Diethylhoctad...	14.74	13.1	ng	804948	6	15.43	1232240	20.0
2-Bromo dodecane	15.07	14.3	ng	880583	6	15.43	1232240	20.0
2-Bromotetradecane	15.22	9.5	ng	587359	6	15.43	1232240	20.0
Hentriacontane	15.86	13.4	ng	828894	6	15.43	1232240	20.0
Hexadecane, 1-iodo-	16.35	4.2	ng	259956	6	15.43	1232240	20.0
Sulfurous acid, 2...	16.54	2.5	ng	155605	6	15.43	1232240	20.0