LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
Data File : BF113738.D
Acq On : 12 Apr 2019 15:02
Operator : JU/SJ
Sample : K2311-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0240-COMP-CS-5-ELTRT-DISS

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-BF040319.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	5.287	541	544	570	rBV	1018736	1504736	41.70%	4.114%
2	6.328	718	721	737	rBV	734009	1174452	32.55%	3.211%
3	6.445	737	741	764	rVB	2577362	2618215	72.56%	7.159%
4	6.669	776	779	788	rBV	678798	654168	18.13%	1.789%
5	6.828	802	806	824	rBV	2367110	2144462	59.43%	5.863%
6	7.240	872	876	891	rBV	1833089	1893352	52.48%	5.177%
7	7.445	908	911	915	rVB	72298	64338	1.78%	0.176%
8	7.951	994	997	1014	rVB	748505	836636	23.19%	2.288%
9	8.192	1030	1038	1039	rBV2	70498	87566	2.43%	0.239%
10	8.210	1039	1041	1046	rVB	55903	56845	1.58%	0.155%
11	8.322	1055	1060	1063	rBV3	50237	81925	2.27%	0.224%
12	8.422	1075	1077	1085	rVB5	29965	43173	1.20%	0.118%
13	8.551	1095	1099	1102	rBV4	55928	63073	1.75%	0.172%
14	8.757	1128	1134	1137	rBV	161790	266433	7.38%	0.728%
15	9.028	1176	1180	1189	rBV	3712364	3306865	91.65%	9.042%
16	9.428	1245	1248	1254	rBV	222405	196129	5.44%	0.536%
17	9.704	1291	1295	1303	rBV	1056289	950342	26.34%	2.598%
18	9.933	1331	1334	1338	rBV4	23352	40766	1.13%	0.111%
19	10.381	1407	1410	1414	rBV	112571	96957	2.69%	0.265%
20	10.498	1425	1430	1447	rBV	2034239	2304537	63.87%	6.301%
21	11.186	1543	1547	1556	rBV	1036447	1072373	29.72%	2.932%
22	11.392	1579	1582	1592	rBV	294631	397710	11.02%	1.087%
23	11.727	1634	1639	1657	rBV	932019	1249819	34.64%	3.417%
24	12.186	1714	1717	1723	rVB4	34801	38662	1.07%	0.106%
25	12.427	1752	1758	1765	rBV7	45592	134822	3.74%	0.369%
26	12.510	1767	1772	1786	rBV	1373040	1899790	52.65%	5.194%
27	12.769	1811	1816	1819	rBV	3714071	3608102	100.00%	9.865%
28	12.980	1848	1852	1861	rBV3	75187	114098	3.16%	0.312%
29	13.069	1864	1867	1872	rVB	68973	83846	2.32%	0.229%
30	13.298	1903	1906	1909	rBV	66538	68919	1.91%	0.188%
31	13.333	1909	1912	1915	rVB2	61060	70736	1.96%	0.193%
32	13.663	1963	1968	1973	rVB	161393	152853	4.24%	0.418%
33	13.821	1991	1995	2005	rVB	933147	1007843	27.93%	2.756%
34	13.980	2017	2022	2030	rVB	383399	386560	10.71%	1.057%

LSC Area Percent Report

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Sample : K2311-13
Misc :
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Instrument : BNA_F
ClientSampleId : 0240-COMP-CS-5-ELTRT-DISS

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-BF040319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.280	2068	2073	2077	rBV	818235	765639	21.22%	2.093%
36	14.574	2118	2123	2127	rBV	1231506	1203257	33.35%	3.290%
37	14.886	2170	2176	2184	rVB	1192617	1402250	38.86%	3.834%
38	15.092	2207	2211	2215	rBV	39922	53495	1.48%	0.146%
39	15.227	2228	2234	2244	rBV	1617258	2118005	58.70%	5.791%
40	15.468	2271	2275	2279	rVB	30158	42094	1.17%	0.115%
41	15.615	2294	2300	2310	rVB	655008	997655	27.65%	2.728%
42	16.068	2371	2377	2392	rVB	321819	569566	15.79%	1.557%
43	16.592	2460	2466	2475	rVB	91946	180700	5.01%	0.494%
44	16.827	2499	2506	2520	rBV2	213501	505155	14.00%	1.381%
45	17.209	2566	2571	2580	rVB3	28199	64657	1.79%	0.177%

Sum of corrected areas: 36573576

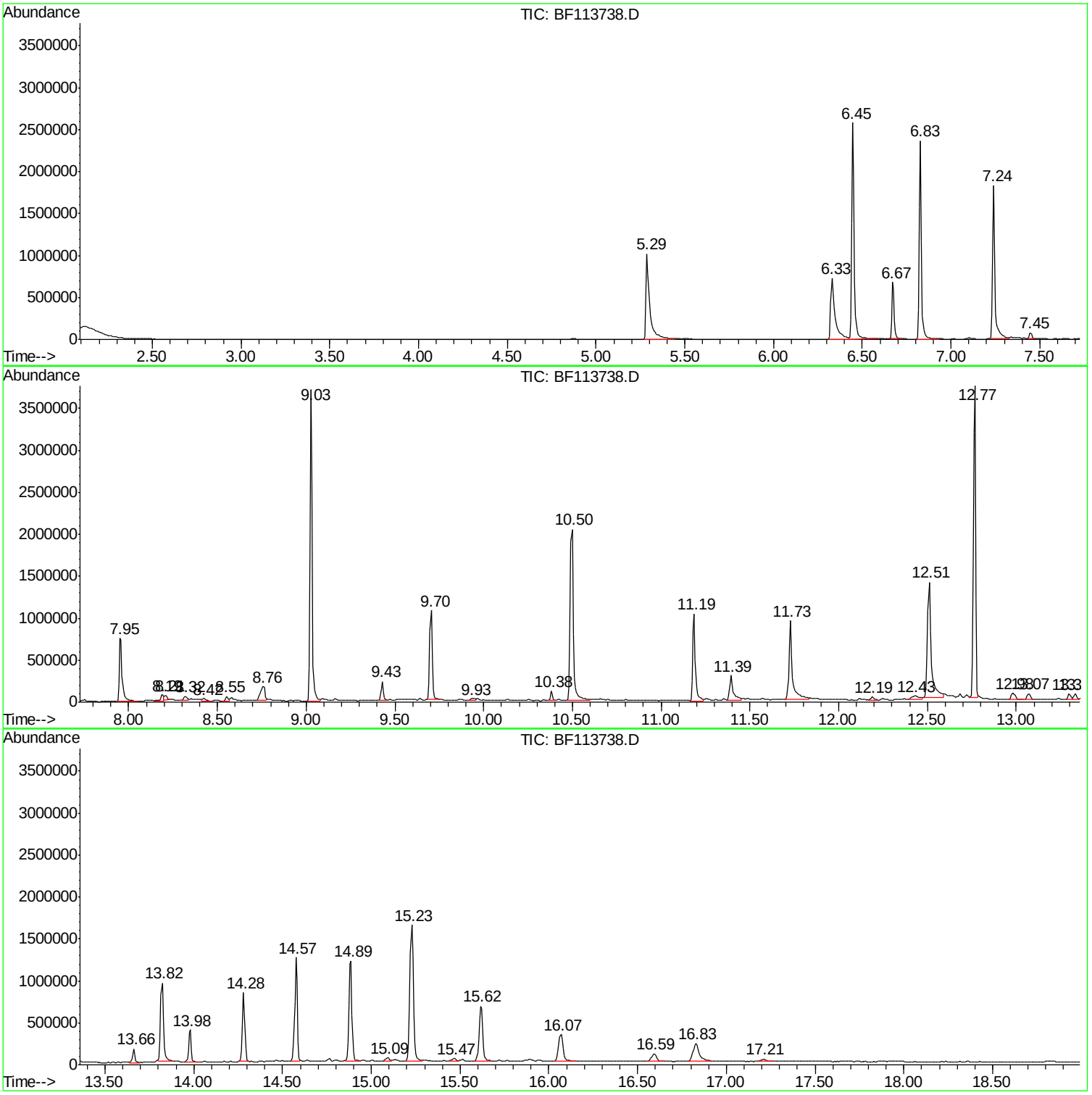
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
Data File : BF113738.D
Acq On : 12 Apr 2019 15:02
Operator : JU/SJ
Sample : K2311-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0240-COMP-CS-5-ELTRT-DISS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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\BF041219\
Data File : BF113738.D
Acq On : 12 Apr 2019 15:02
Operator : JU/SJ
Sample : K2311-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0240-COMP-CS-5-ELTRT-DISS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

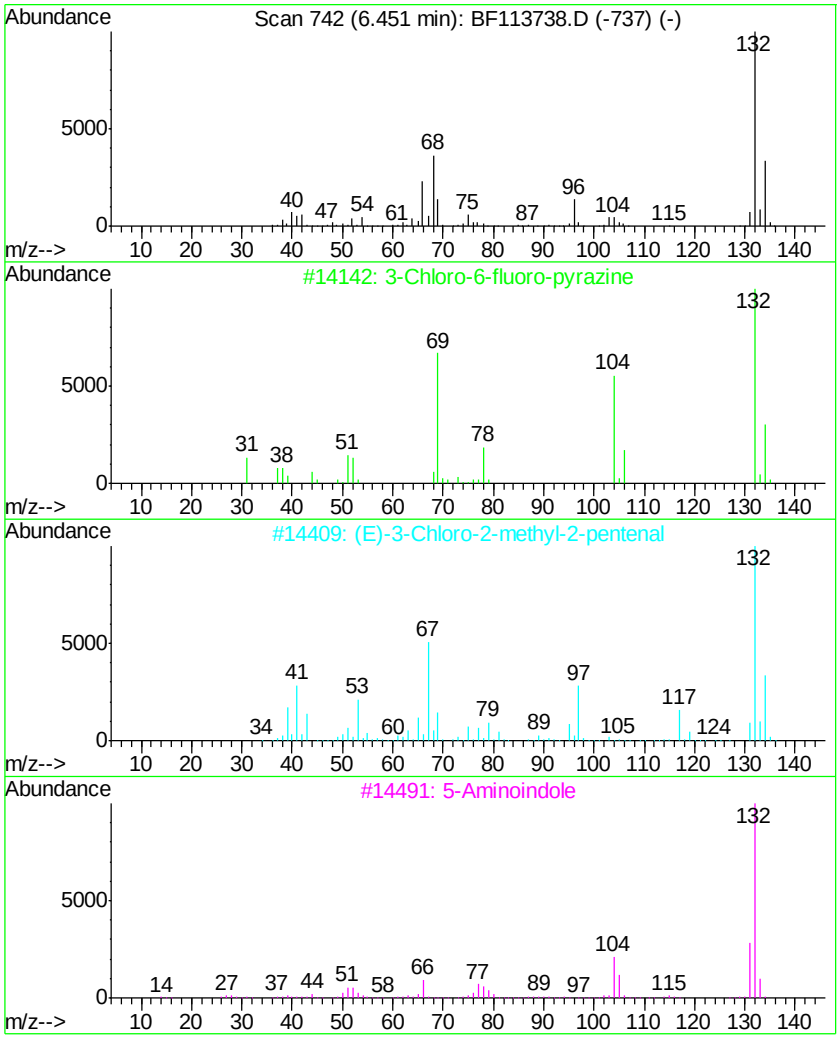
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

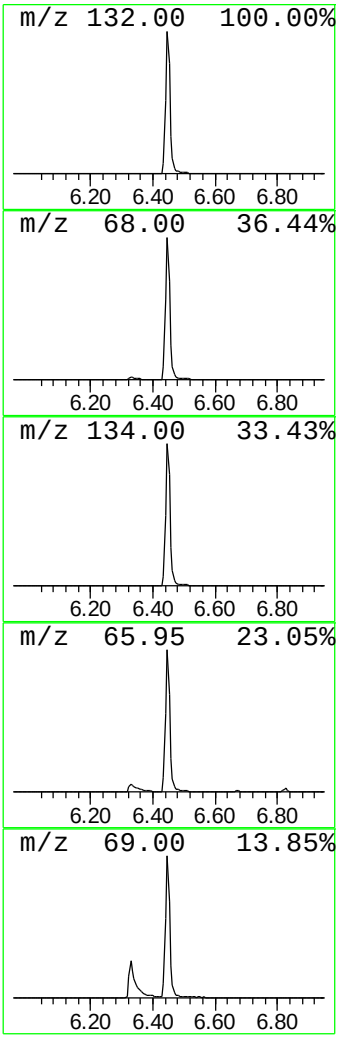
****

Peak Number 1 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	80.05 ng	2618220	1,4-Dichlorobenzene-d4	6.67

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	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Amphetaminil	250	C17H18N2	017590-01-1	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Operator : JU/SJ
Sample : K2311-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0240-COMP-CS-5-ELTRT-DISS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

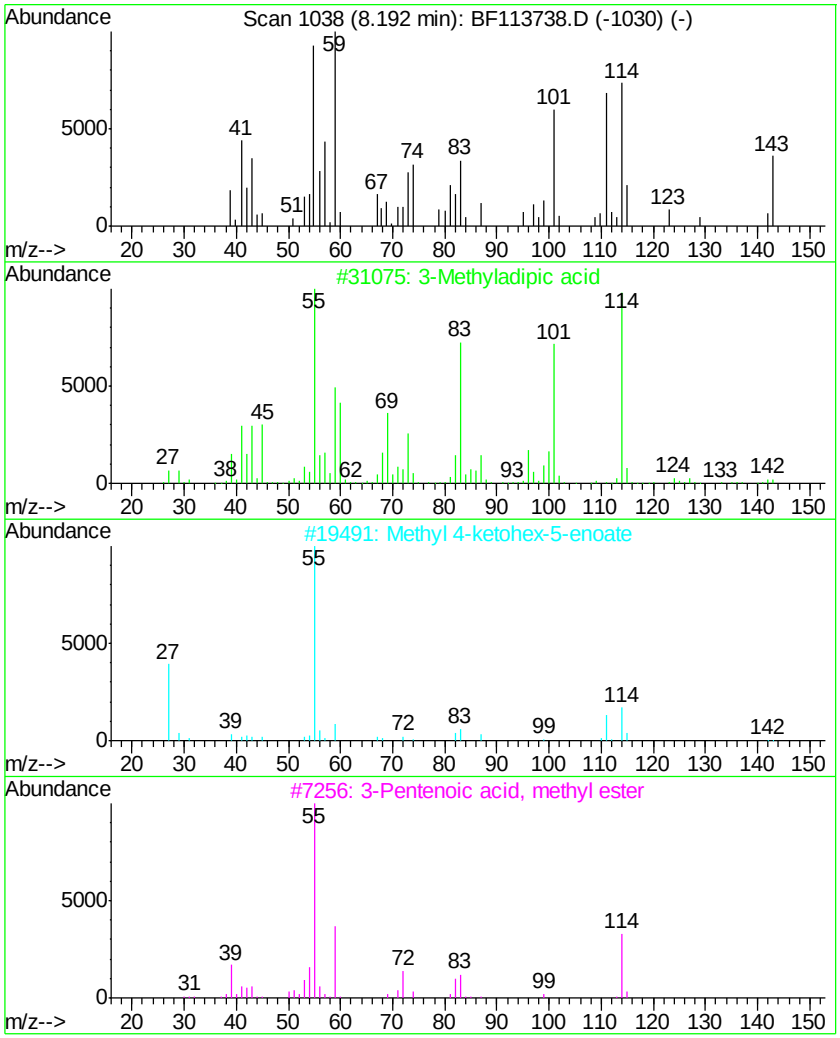
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

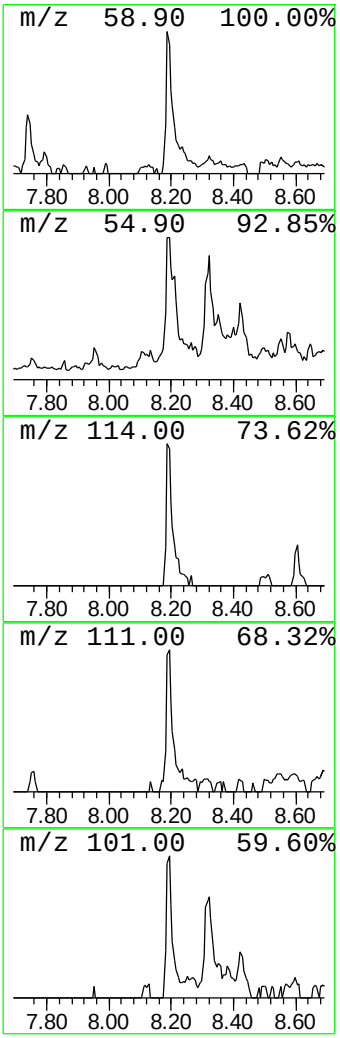
****

Peak Number 3 unknown8.19 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	2.09 ng	87566	Naphthalene-d8	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyladipic acid	160	C7H12O4	003058-01-3	47
2	Methyl 4-ketohex-5-enoate	142	C7H10O3	023684-13-1	35
3	3-Pentenoic acid, methyl ester	114	C6H10O2	000818-58-6	27
4	Pentanedioic acid, 2-methyl-, di...	174	C8H14O4	014035-94-0	27
5	4-Hexenoic acid	114	C6H10O2	035194-36-6	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
Data File : BF113738.D
Acq On : 12 Apr 2019 15:02
Operator : JU/SJ
Sample : K2311-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0240-COMP-CS-5-ELTRT-DISS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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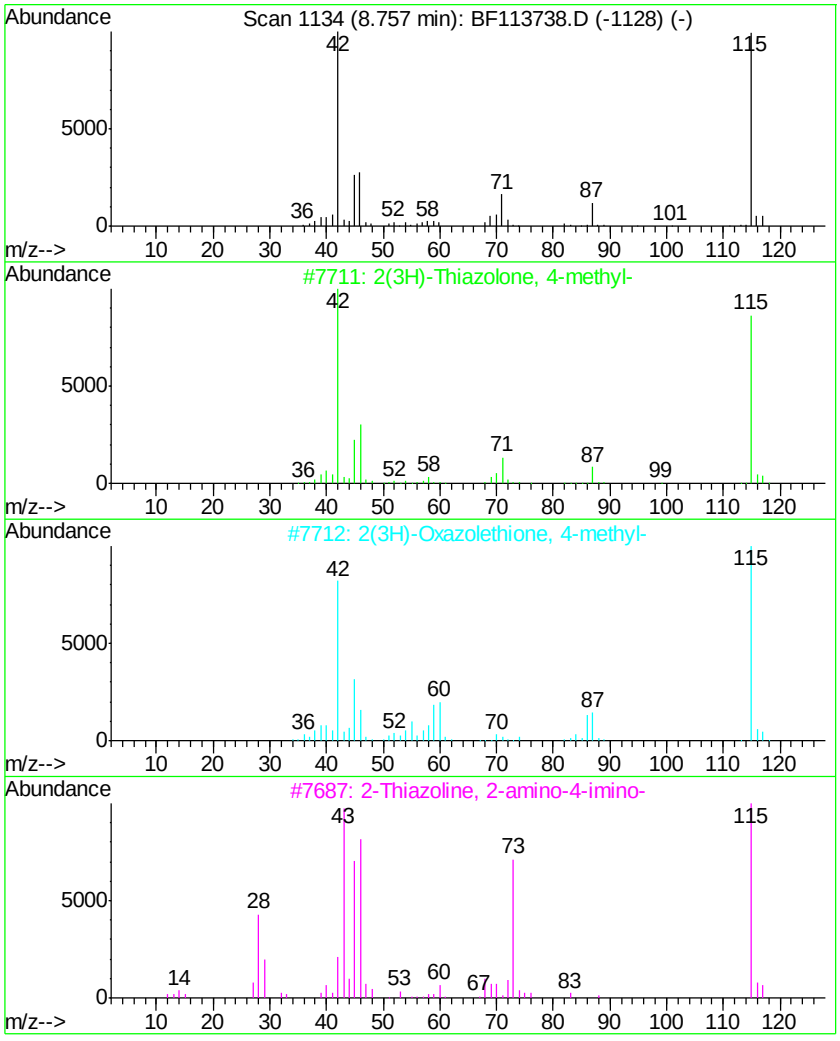
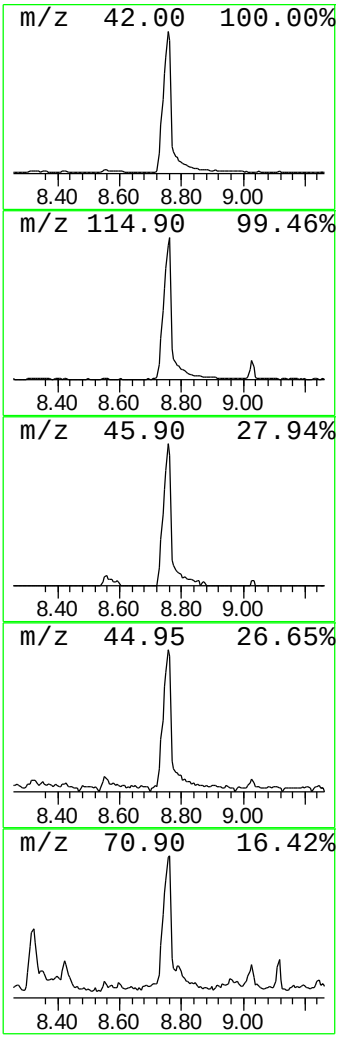
Peak Number 4 2(3H)-Thiazolone, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	6.37 ng	266433	Naphthalene-d8	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Thiazolone, 4-methyl-	115	C4H5NOS	032497-10-2	94
2	2(3H)-Oxazolethione, 4-methyl-	115	C4H5NOS	013016-17-6	86
3	2-Thiazoline, 2-amino-4-imino-	115	C3H5N3S	026246-29-7	43
4	1H-1,2,4-Triazole, 3-thiol-5-met...	115	C3H5N3S	007271-44-5	27
5	4-Methylurazole	115	C3H5N3O2	016312-79-1	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
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Acq On : 12 Apr 2019 15:02
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0240-COMP-CS-5-ELTRT-DISS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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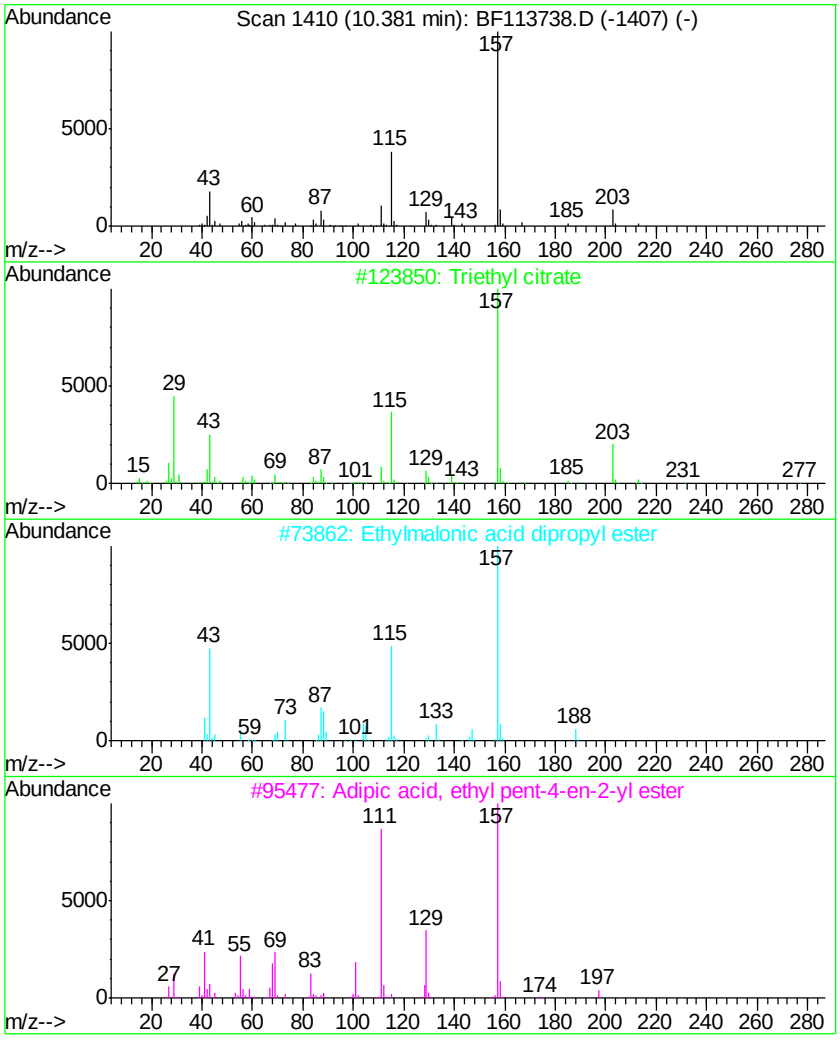
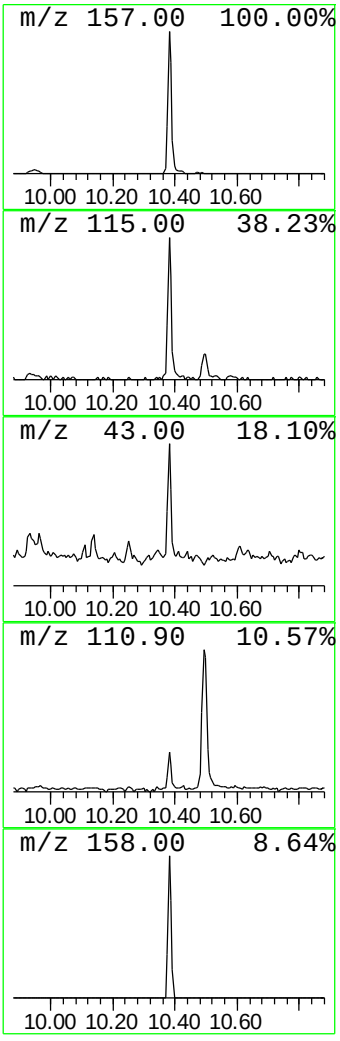
Peak Number 5 Triethyl citrate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	2.04 ng	96957	Acenaphthene-d10	9.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethyl citrate	276	C12H20O7	000077-93-0	91
2	Ethylmalonic acid dipropyl ester	216	C11H20O4	001113-91-3	50
3	Adipic acid, ethyl pent-4-en-2-y...	242	C13H22O4	1000354-11-7	38
4	Adipic acid, ethyl 4-methylpent-...	258	C14H26O4	1000353-49-9	38
5	Octanedioic acid, bis(1-methylpr...	286	C16H30O4	057983-35-4	33





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
Data File : BF113738.D
Acq On : 12 Apr 2019 15:02
Operator : JU/SJ
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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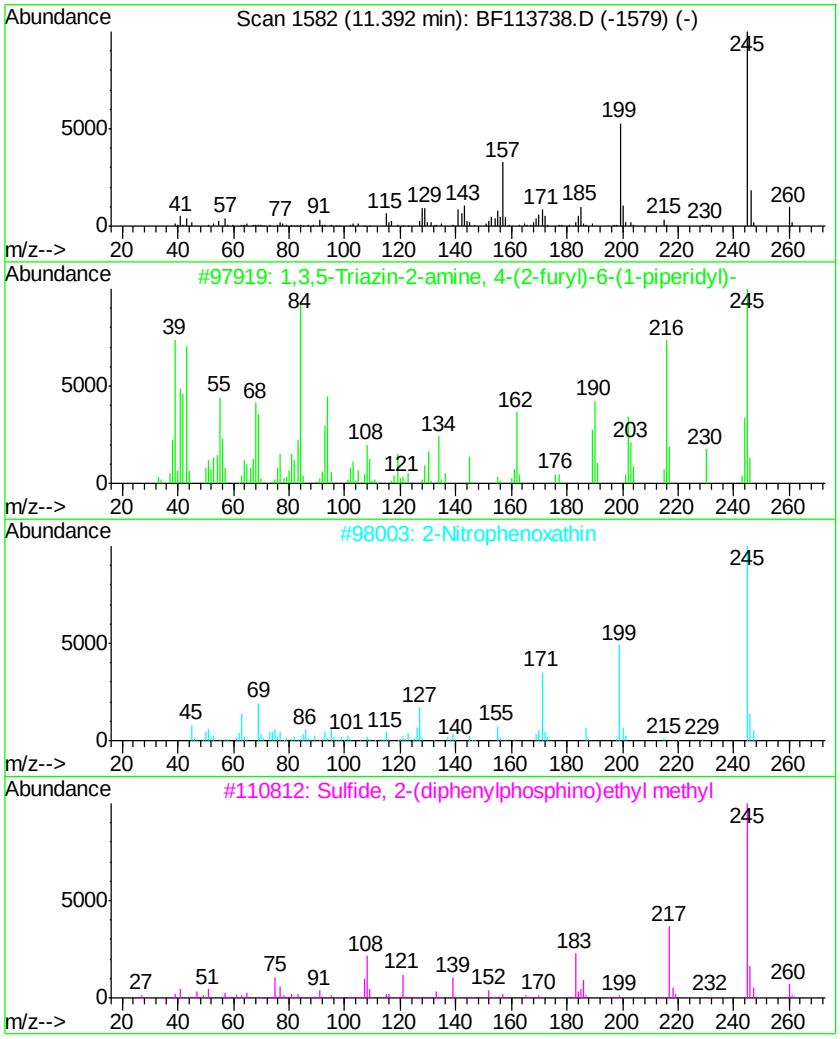
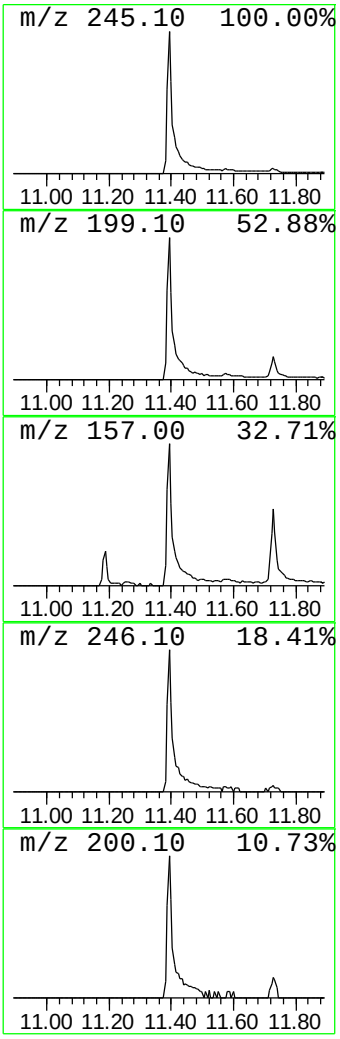
Peak Number 6 1,3,5-Triazin-2-amine, 4-(2... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	7.42 ng	397710	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazin-2-amine, 4-(2-fury...	245	C12H15N5O	148403-53-6	86
2	2-Nitrophenoxathin	245	C12H7NO3S	057106-95-3	59
3	Sulfide, 2-(diphenylphosphino)et...	260	C15H17PS	020859-51-2	47
4	Benzoic acid, 4-methyl-3-(3-meth...	245	C13H11NO4	1000303-22-8	47
5	Isothiourea, 2-methyl-1-(2,4-dim...	260	C15H20N2S	1000267-73-5	43





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Acq On : 12 Apr 2019 15:02
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Misc :
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Instrument : BNA_F
ClientSampleId : 0240-COMP-CS-5-ELTRT-DISS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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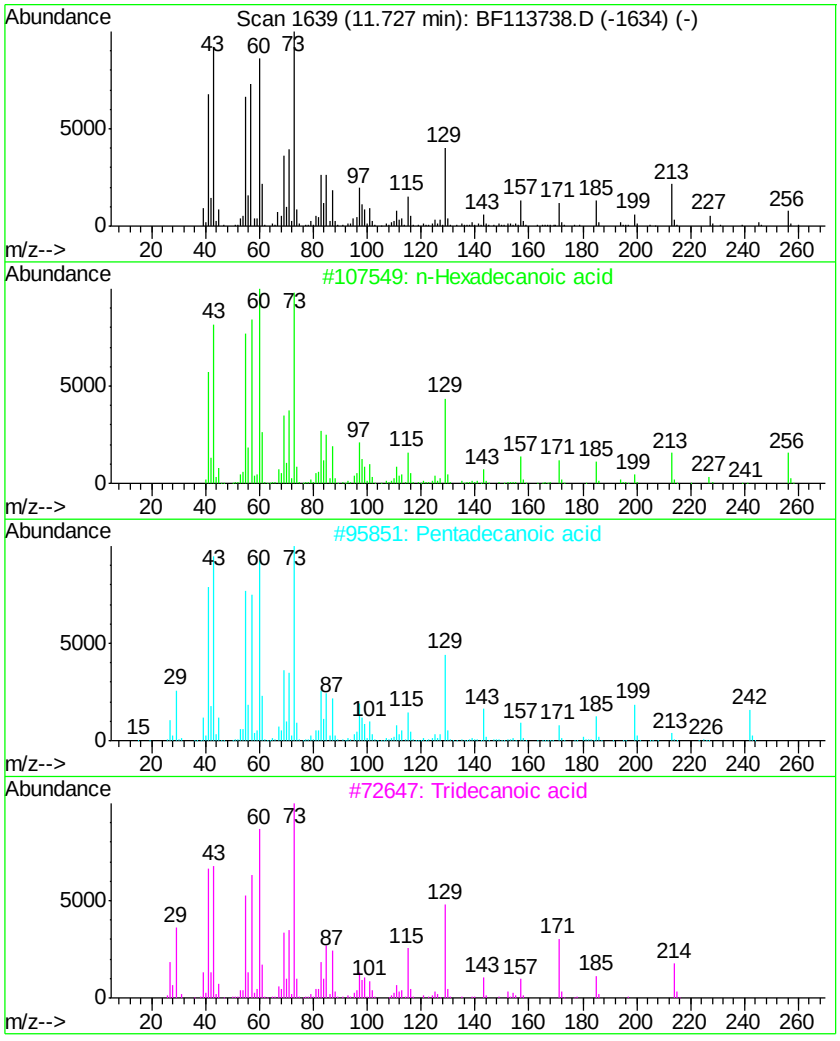
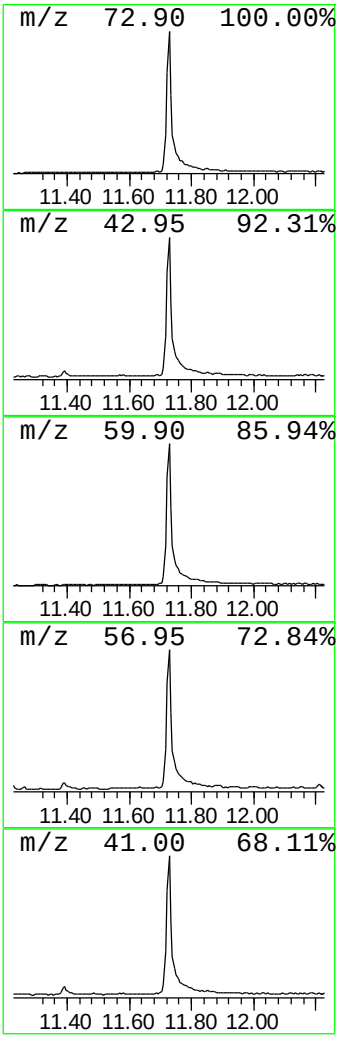
Peak Number 7 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	23.31 ng	1249820	Phenanthrene-d10	11.19

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	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Library Search Compound Report

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Data File : BF113738.D
Acq On : 12 Apr 2019 15:02
Operator : JU/SJ
Sample : K2311-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0240-COMP-CS-5-ELTRT-DISS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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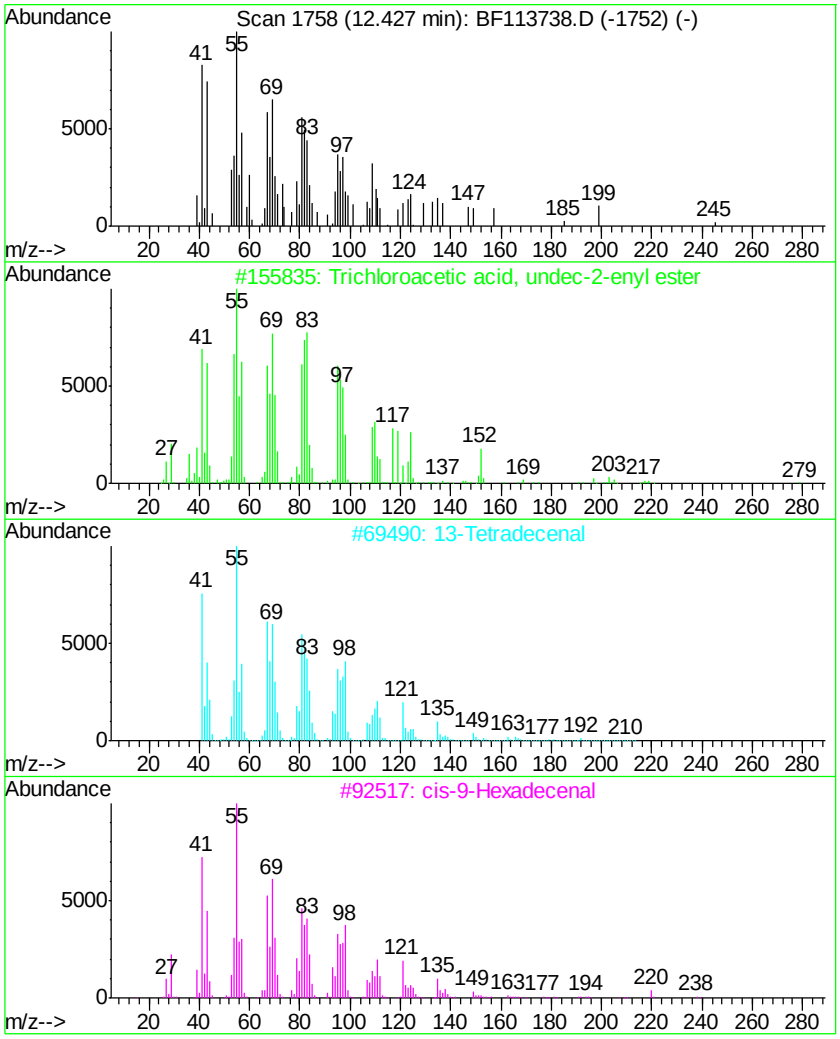
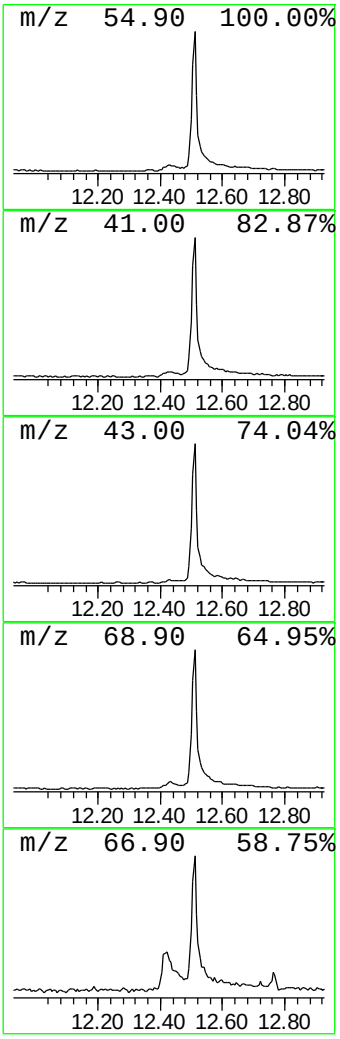
Peak Number 8 Trichloroacetic acid, undec... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	2.51 ng	134822	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, undec-2-en...	314	C13H21Cl3O2	1000299-26-1	76
2	13-Tetradecenal	210	C14H26O	085896-31-7	64
3	cis-9-Hexadecenal	238	C16H30O	056219-04-6	64
4	1,9-Tetradecadiene	194	C14H26	112929-06-3	58
5	13-Octadecenal, (Z)-	266	C18H34O	058594-45-9	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
Data File : BF113738.D
Acq On : 12 Apr 2019 15:02
Operator : JU/SJ
Sample : K2311-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0240-COMP-CS-5-ELTRT-DISS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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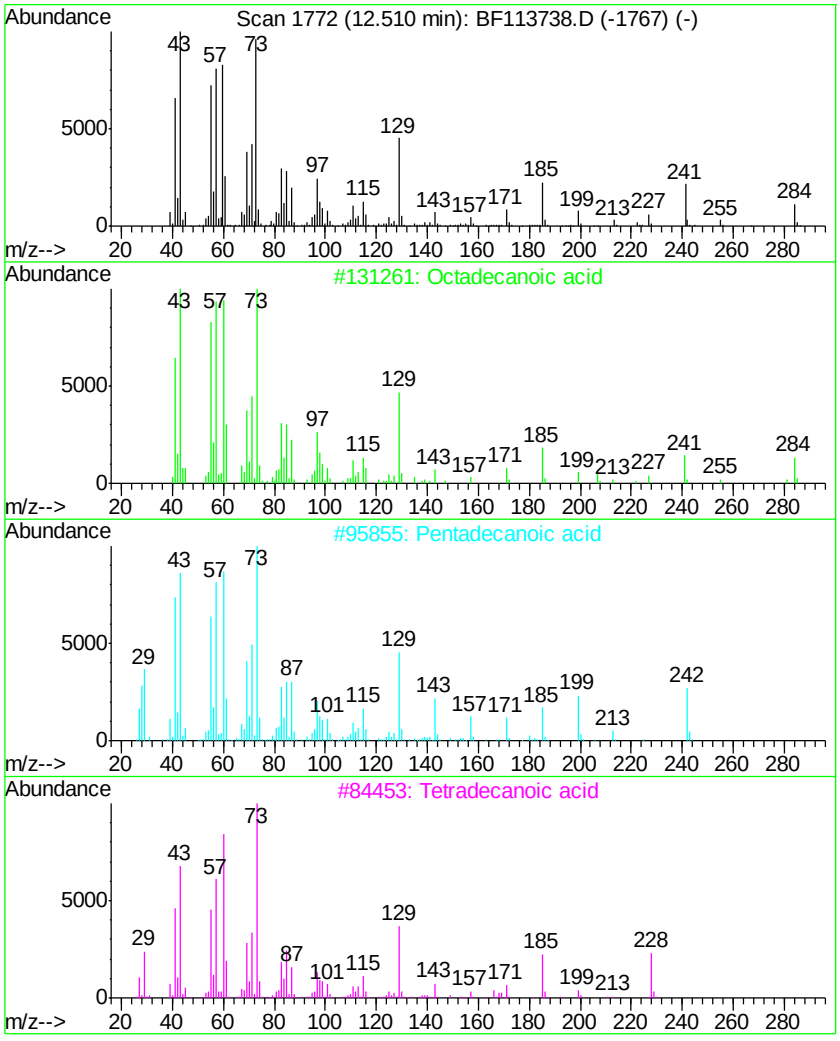
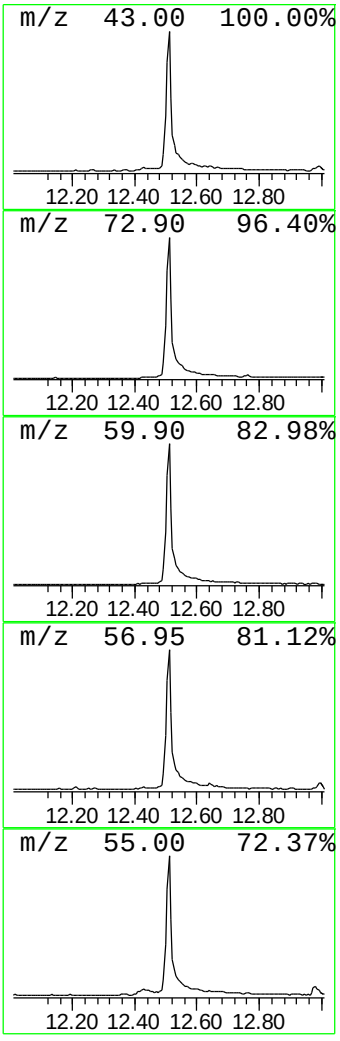
Peak Number 9 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	37.70 ng	1899790	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58





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Data File : BF113738.D
Acq On : 12 Apr 2019 15:02
Operator : JU/SJ
Sample : K2311-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0240-COMP-CS-5-ELTRT-DISS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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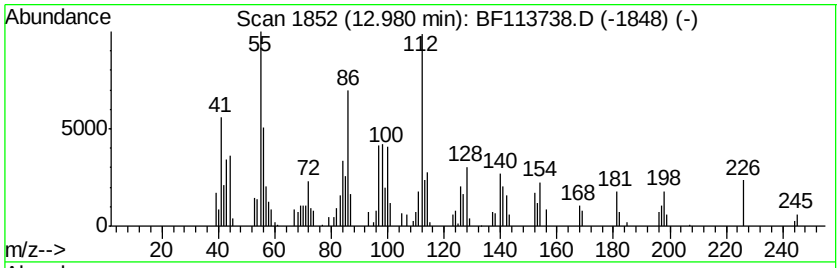
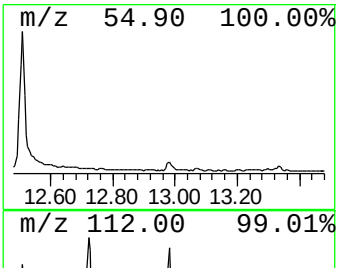
Peak Number 10 unknown12.98 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	2.26 ng	114098	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azacyclotridecan-2-one	197	C12H23NO	000947-04-6	38
2	Cycloheptanone, 2-ethyl-	140	C9H16O	003183-41-3	25
3	Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	001196-31-2	22
4	l-Menthone	154	C10H18O	014073-97-3	22
5	Succinimide, N-(morpholinomethyl)-	198	C9H14N2O3	013314-97-1	22





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Acq On : 12 Apr 2019 15:02
Operator : JU/SJ
Sample : K2311-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0240-COMP-CS-5-ELTRT-DISS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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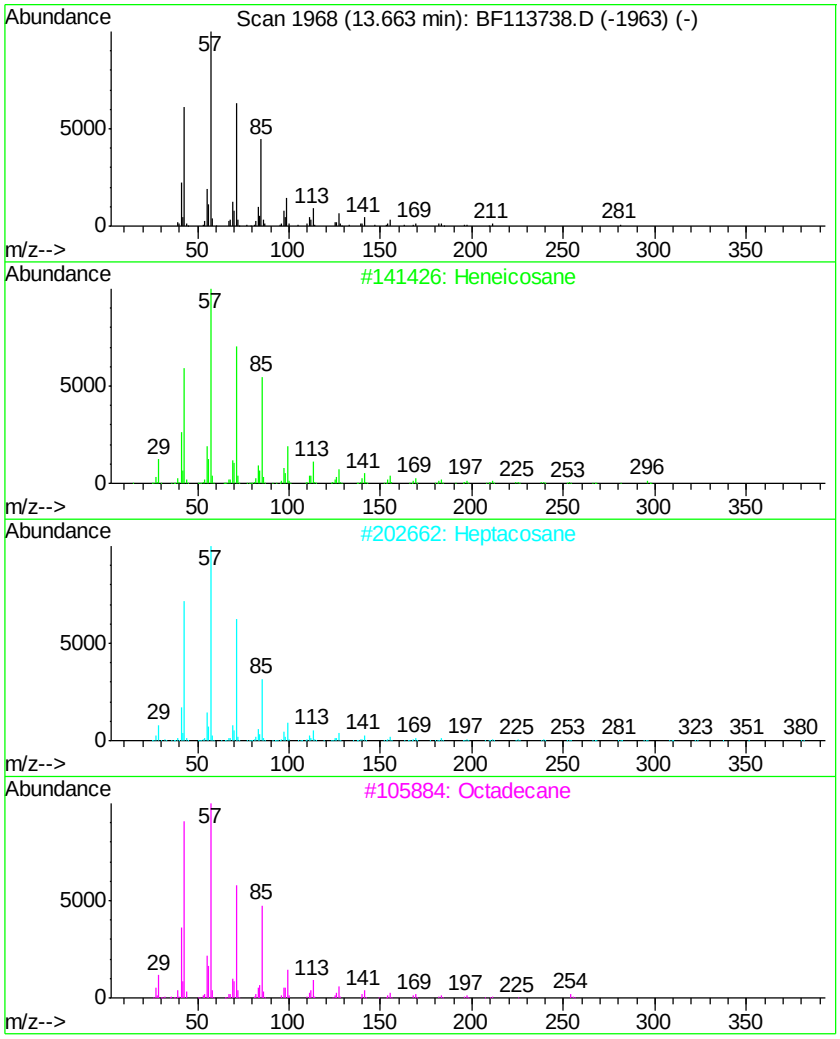
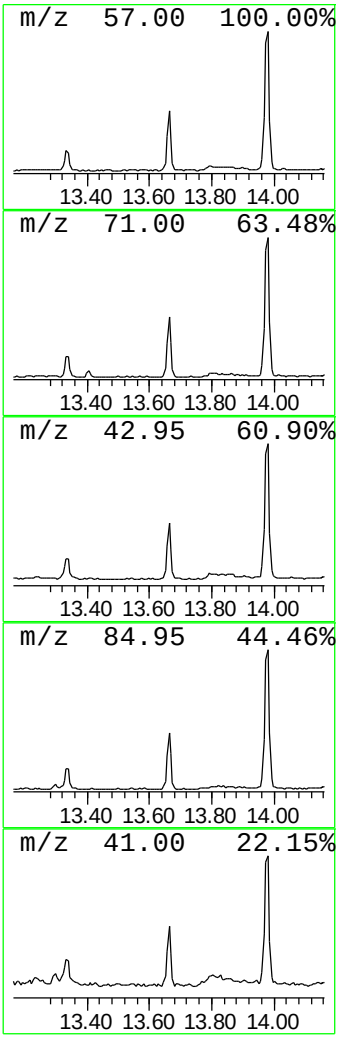
Peak Number 11 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	3.03 ng	152853	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Operator : JU/SJ
Sample : K2311-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0240-COMP-CS-5-ELTRT-DISS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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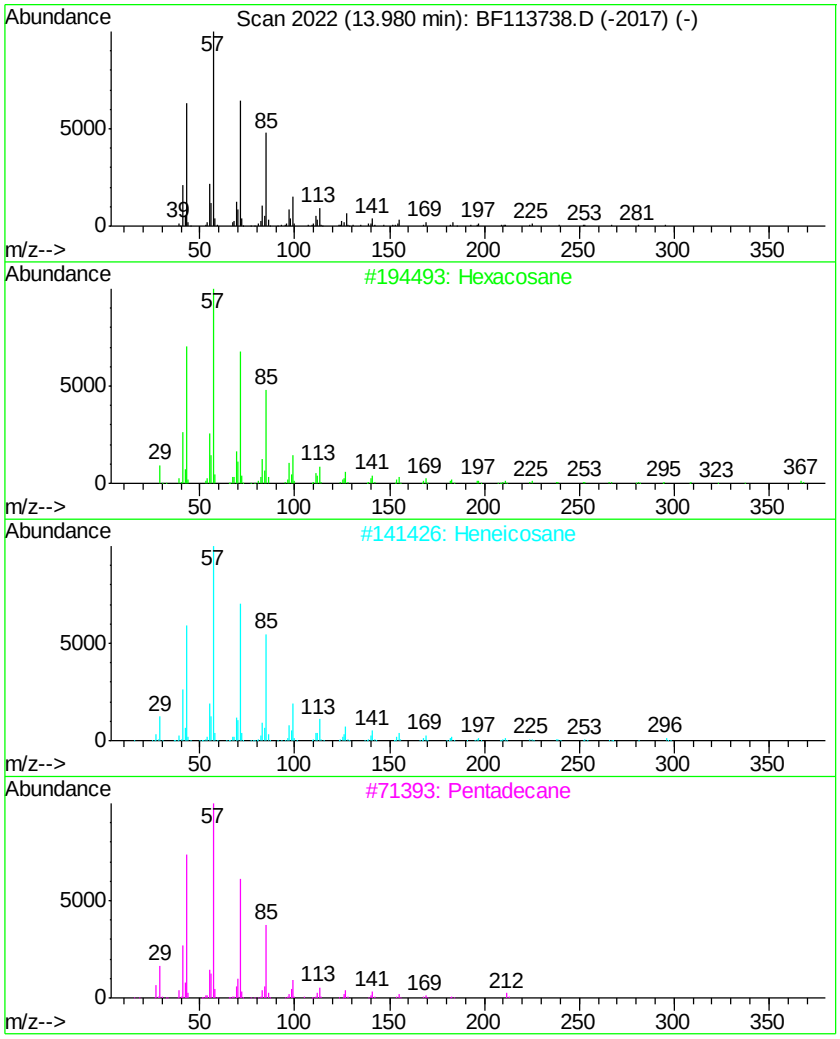
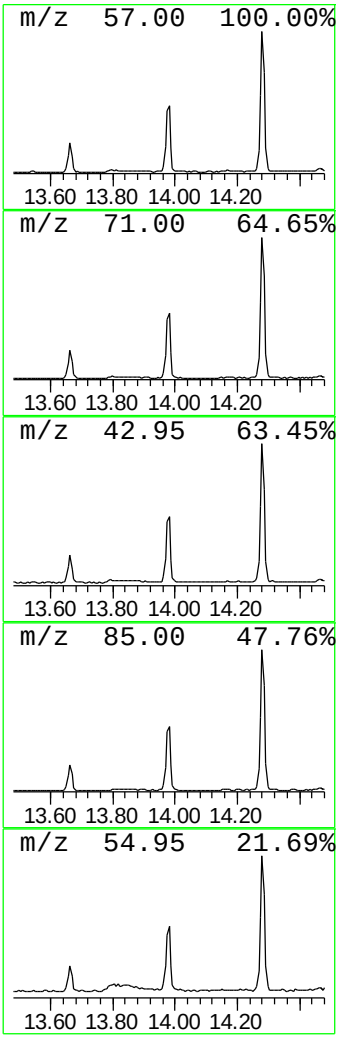
Peak Number 12 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	7.67 ng	386560	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Octadecane	254	C18H38	000593-45-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
Data File : BF113738.D
Acq On : 12 Apr 2019 15:02
Operator : JU/SJ
Sample : K2311-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0240-COMP-CS-5-ELTRT-DISS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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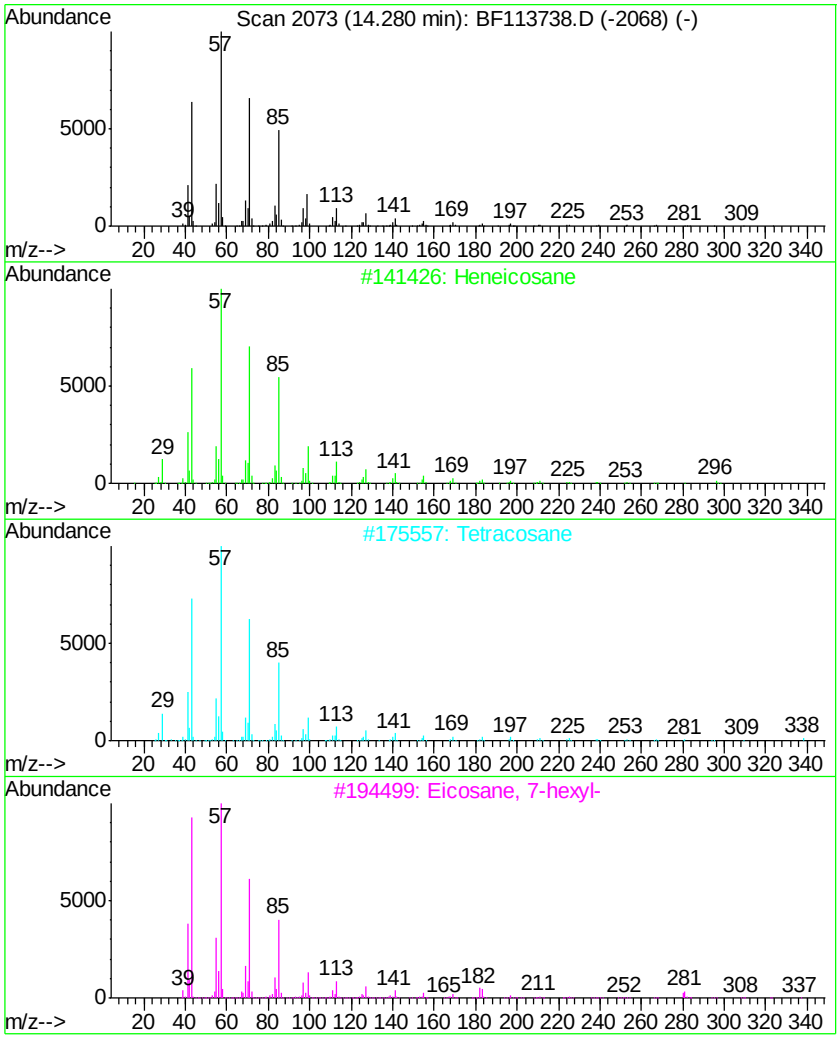
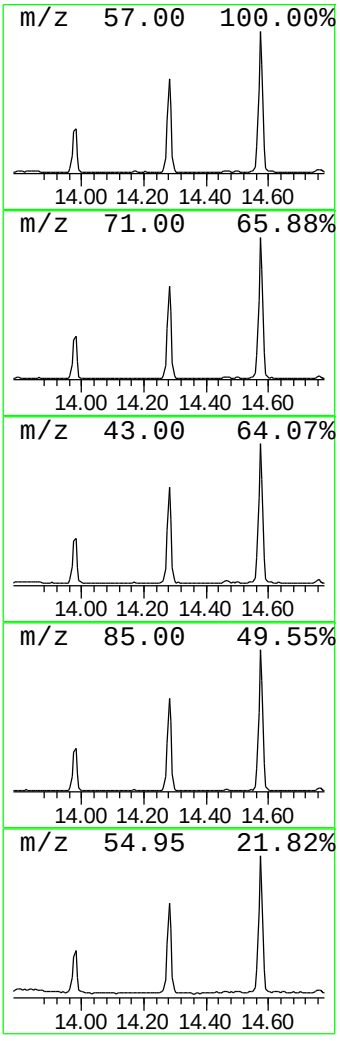
Peak Number 13 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	15.19 ng	765639	Chrysene-d12	13.82

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	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4	Octadecane	254	C18H38	000593-45-3	87
5	Hexadecane	226	C16H34	000544-76-3	83





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Operator : JU/SJ
Sample : K2311-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0240-COMP-CS-5-ELTRT-DISS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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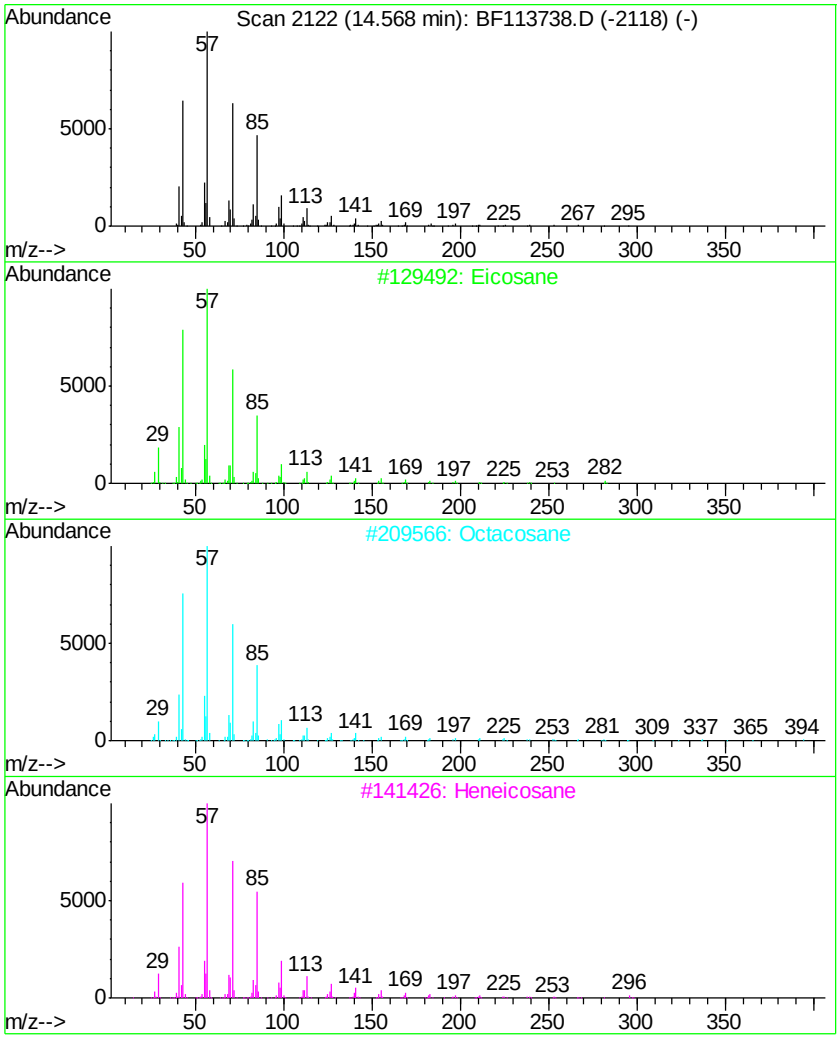
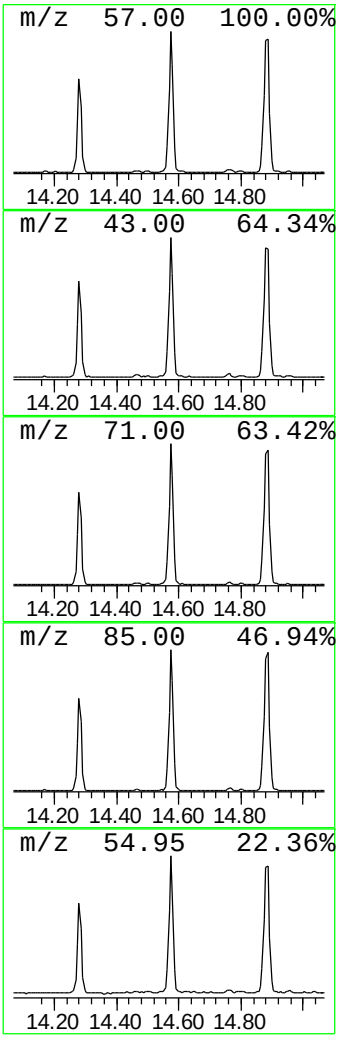
Peak Number 14 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	11.36 ng	1203260	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Octadecane	254	C18H38	000593-45-3	87





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Operator : JU/SJ
Sample : K2311-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0240-COMP-CS-5-ELTRT-DISS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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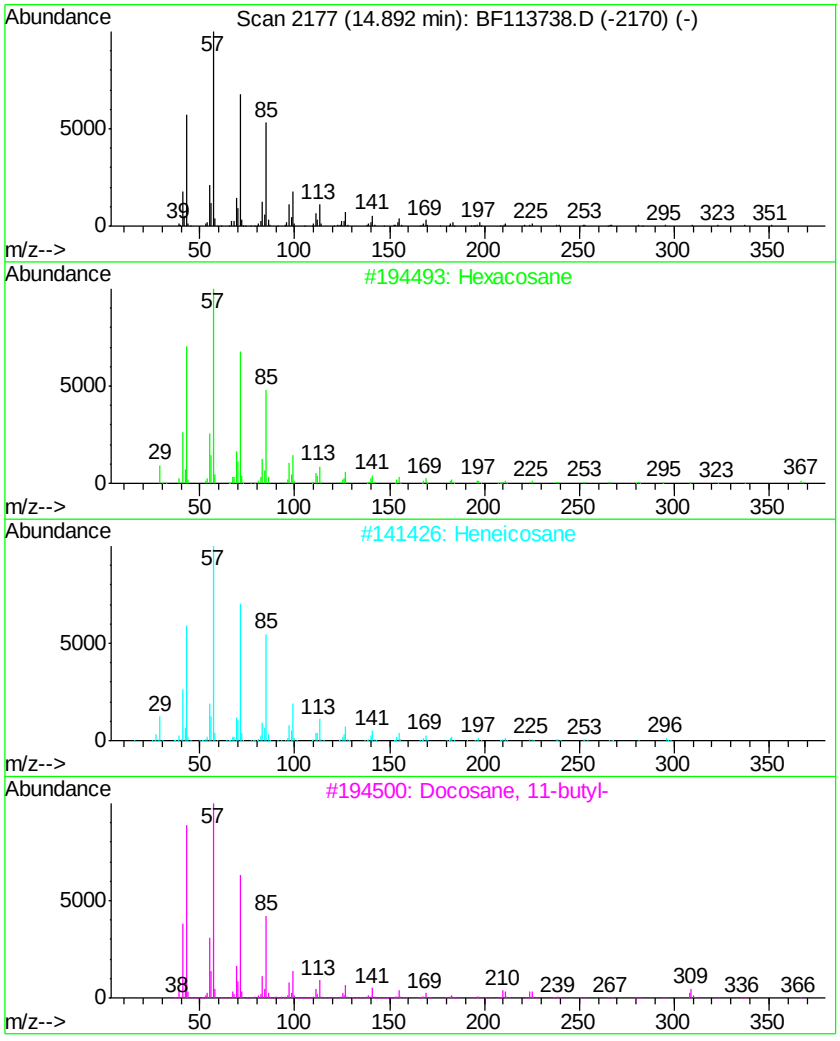
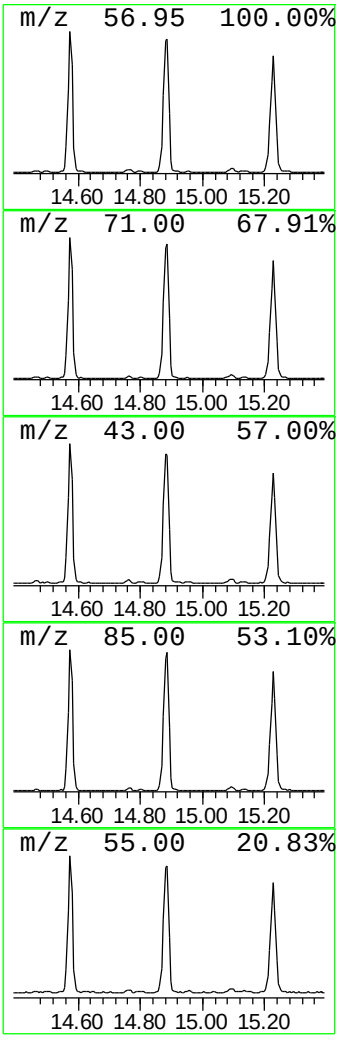
Peak Number 15 Docosane, 11-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	13.24 ng	1402250	Perylene-d12	15.23

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	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Octacosane	394	C28H58	000630-02-4	91





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Acq On : 12 Apr 2019 15:02
Operator : JU/SJ
Sample : K2311-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0240-COMP-CS-5-ELTRT-DISS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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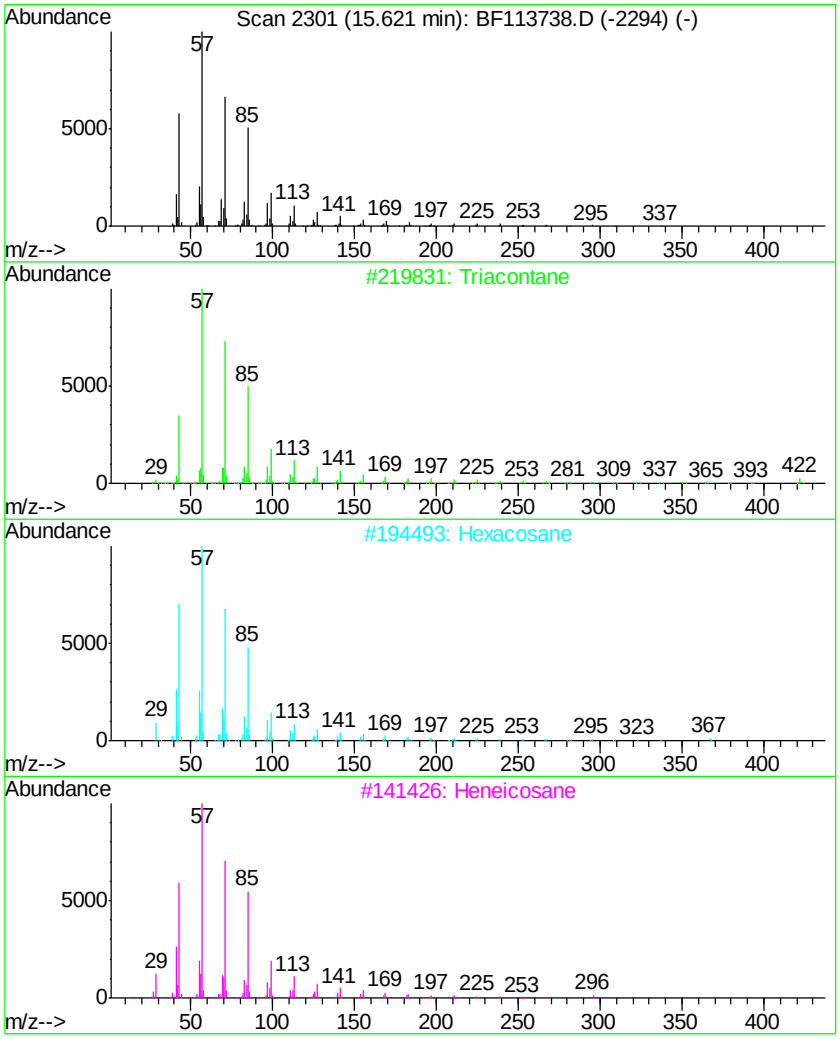
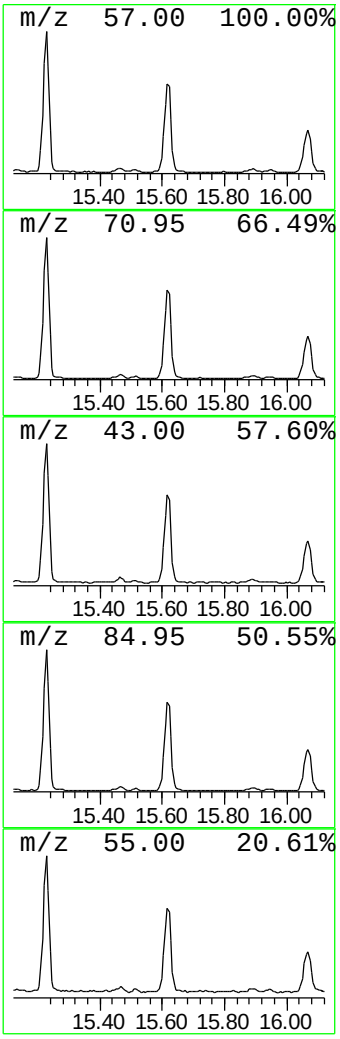
Peak Number 16 Triacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	9.42 ng	997655	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91





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Sample : K2311-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0240-COMP-CS-5-ELTRT-DISS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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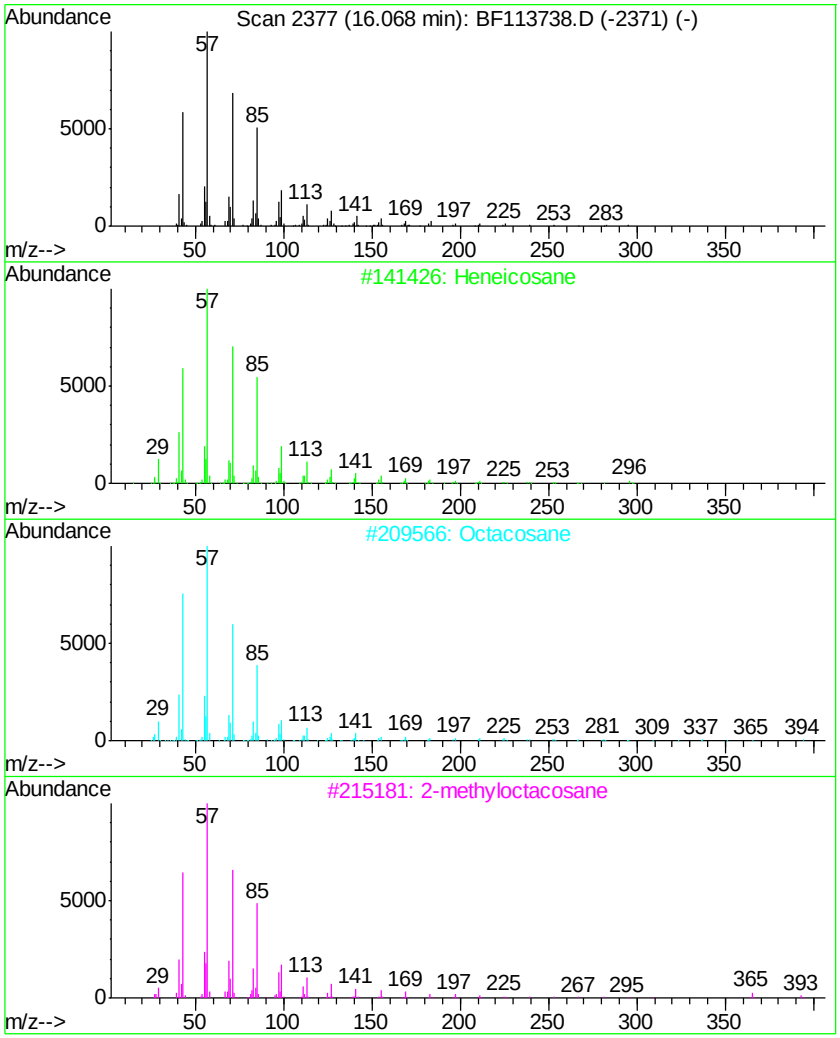
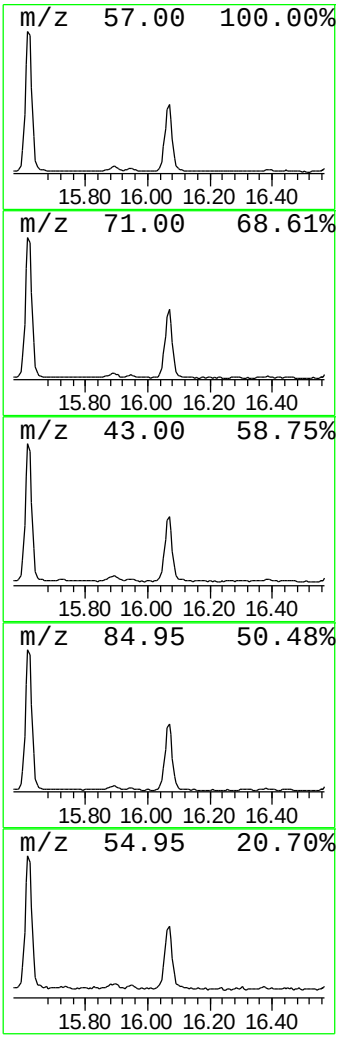
Peak Number 17 2-methyloctacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	5.38 ng	569566	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Sample : K2311-13
Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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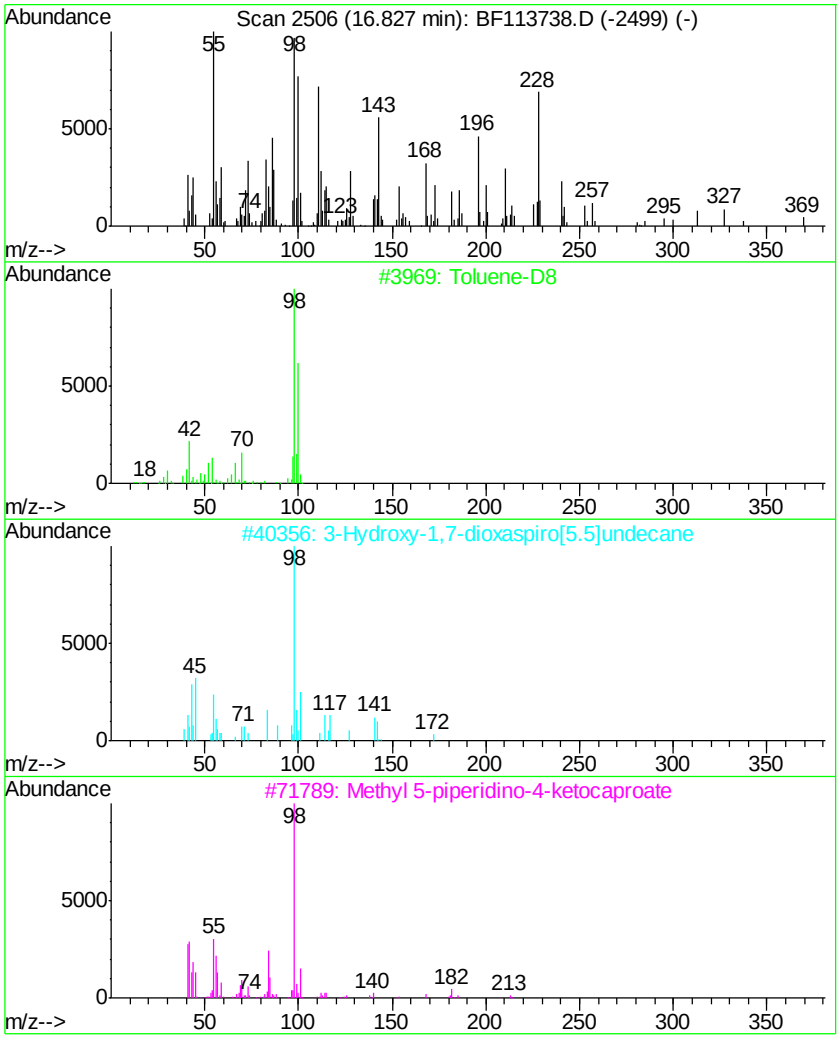
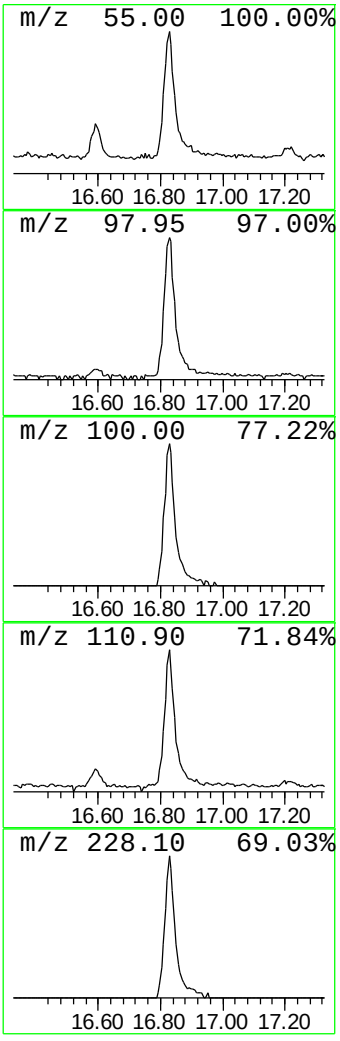
Peak Number 18 unknown16.83 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	4.77 ng	505155	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene-D8	100	C7D8	002037-26-5	27
2	3-Hydroxy-1,7-dioxaspiro[5.5]und...	172	C9H16O3	083015-81-0	25
3	Methyl 5-piperidino-4-ketocaproate	213	C11H19NO3	018904-36-4	15
4	15-Hydroxypentadecanoic acid	258	C15H30O3	004617-33-8	15
5	4,4,5-Trimethyl-spiro[1,2]hexan-...	196	C11H20N2O	1000078-16-2	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
Data File : BF113738.D
Acq On : 12 Apr 2019 15:02
Operator : JU/SJ
Sample : K2311-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0240-COMP-CS-5-ELTRT-DISS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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
unknown6.45	6.45	80.0	ng	2618220	1	6.67	654168	20.0
unknown8.19	8.19	2.1	ng	87566	2	7.96	836636	20.0
2(3H)-Thiazolone,...	8.76	6.4	ng	266433	2	7.96	836636	20.0
Triethyl citrate	10.38	2.0	ng	96957	3	9.70	950342	20.0
1,3,5-Triazin-2-a...	11.39	7.4	ng	397710	4	11.19	1072370	20.0
n-Hexadecanoic acid	11.73	23.3	ng	1249820	4	11.19	1072370	20.0
Trichloroacetic a...	12.43	2.5	ng	134822	4	11.19	1072370	20.0
Octadecanoic acid	12.51	37.7	ng	1899790	5	13.82	1007840	20.0
unknown12.98	12.98	2.3	ng	114098	5	13.82	1007840	20.0
Heneicosane	13.66	3.0	ng	152853	5	13.82	1007840	20.0
Hexacosane	13.98	7.7	ng	386560	5	13.82	1007840	20.0
Tetracosane	14.28	15.2	ng	765639	5	13.82	1007840	20.0
Eicosane	14.57	11.4	ng	1203260	6	15.23	2118010	20.0
Docosane, 11-butyl-	14.89	13.2	ng	1402250	6	15.23	2118010	20.0
Triacontane	15.62	9.4	ng	997655	6	15.23	2118010	20.0
2-methyloctacosane	16.07	5.4	ng	569566	6	15.23	2118010	20.0
unknown16.83	16.83	4.8	ng	505155	6	15.23	2118010	20.0