LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089782.D
Acq On : 17 Aug 2016 23:52
Operator : UM/SJ
Sample : H4490-14
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-7

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:\HPCHEM1\BNA_F\METHODS\8270-BF081616.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	1.667	6	7	16	rVV	2758267	5289805	13.22%	2.892%
2	1.793	16	18	75	rVB	13684514	40005120	100.00%	21.871%
3	4.844	282	285	294	rVB	2737977	4303781	10.76%	2.353%
4	5.279	320	323	326	rBV	8385032	12428592	31.07%	6.795%
5	6.342	413	416	418	rVB	8684733	12823665	32.06%	7.011%
6	6.467	424	427	429	rBV	12104570	13224702	33.06%	7.230%
7	6.696	445	447	449	rBV	4014090	3296469	8.24%	1.802%
8	6.856	458	461	463	rBV	11363156	10113357	25.28%	5.529%
9	7.267	493	497	499	rBV	7254314	8504966	21.26%	4.650%
10	7.370	503	506	511	rVB	249634	403327	1.01%	0.220%
11	7.988	557	560	562	rBV	3942646	4362224	10.90%	2.385%
12	9.062	651	654	657	rBV	10067688	14369337	35.92%	7.856%
13	9.462	686	689	692	rBV	5872277	5986927	14.97%	3.273%
14	9.679	706	708	710	rVV2	330551	522090	1.31%	0.285%
15	9.736	710	713	715	rVB	5820783	5092032	12.73%	2.784%
16	10.091	742	744	746	rBV	652973	559590	1.40%	0.306%
17	10.525	778	782	784	rBV2	6220417	8749038	21.87%	4.783%
18	10.662	790	794	797	rBV	524060	705597	1.76%	0.386%
19	10.856	809	811	813	rBV	334360	422513	1.06%	0.231%
20	11.211	839	842	844	rBV	5569520	4760090	11.90%	2.602%
21	11.656	878	881	883	rVB	5279967	5178001	12.94%	2.831%
22	11.759	888	890	894	rBV2	545393	619363	1.55%	0.339%
23	12.799	978	981	984	rBV	9419749	12116883	30.29%	6.624%
24	13.280	1017	1023	1028	rBV3	218174	420402	1.05%	0.230%
25	13.748	1061	1064	1071	rBV	450196	806706	2.02%	0.441%
26	13.862	1071	1074	1078	rBV	3954233	4262497	10.65%	2.330%
27	15.325	1199	1202	1205	rBV	2711947	3109686	7.77%	1.700%
28	19.063	1525	1529	1541	rVB	86155	478633	1.20%	0.262%

Sum of corrected areas: 182915393

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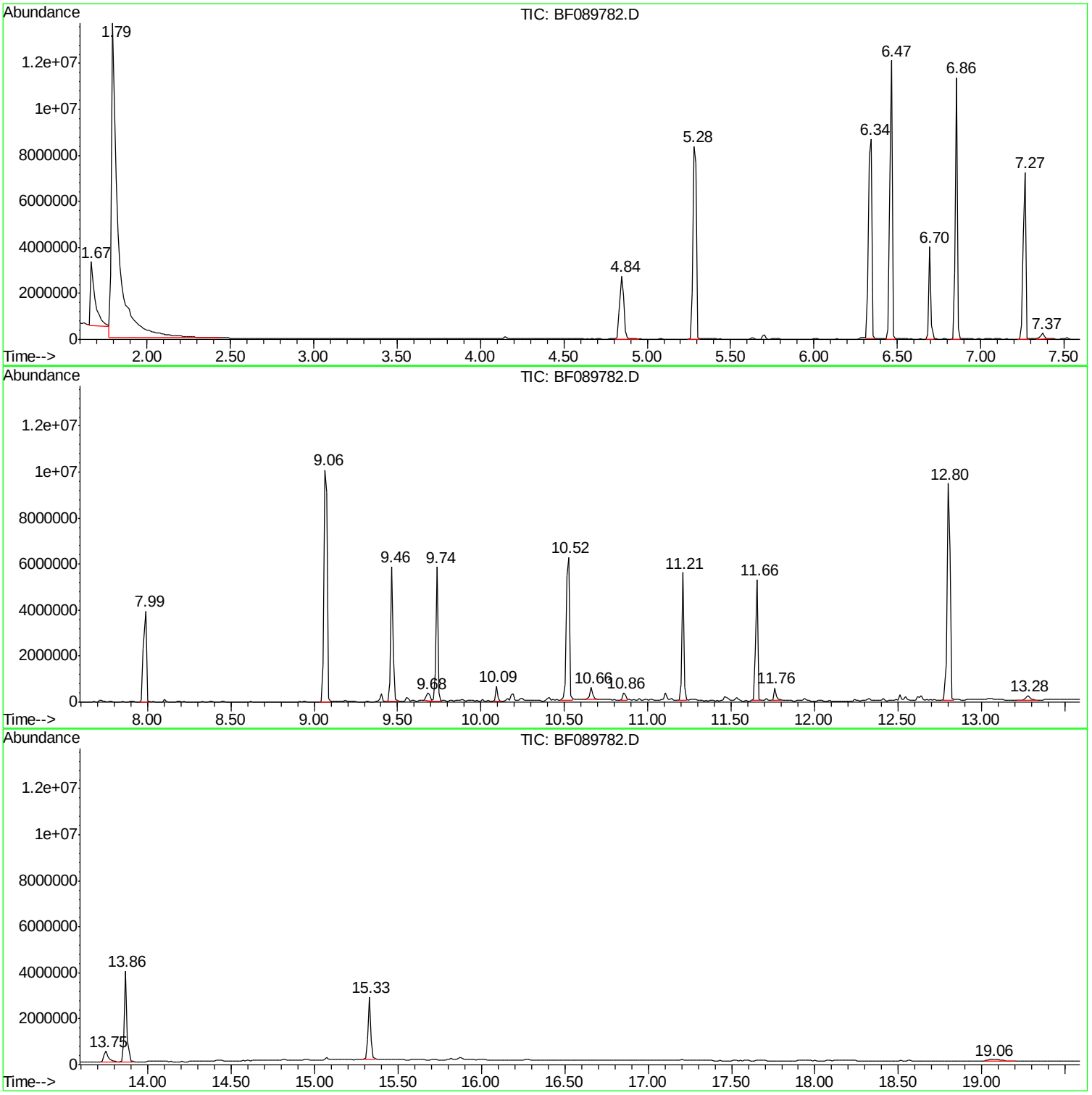
Instrument :
BNA_F
ClientSampleId :
670-UNDERCLIFF-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.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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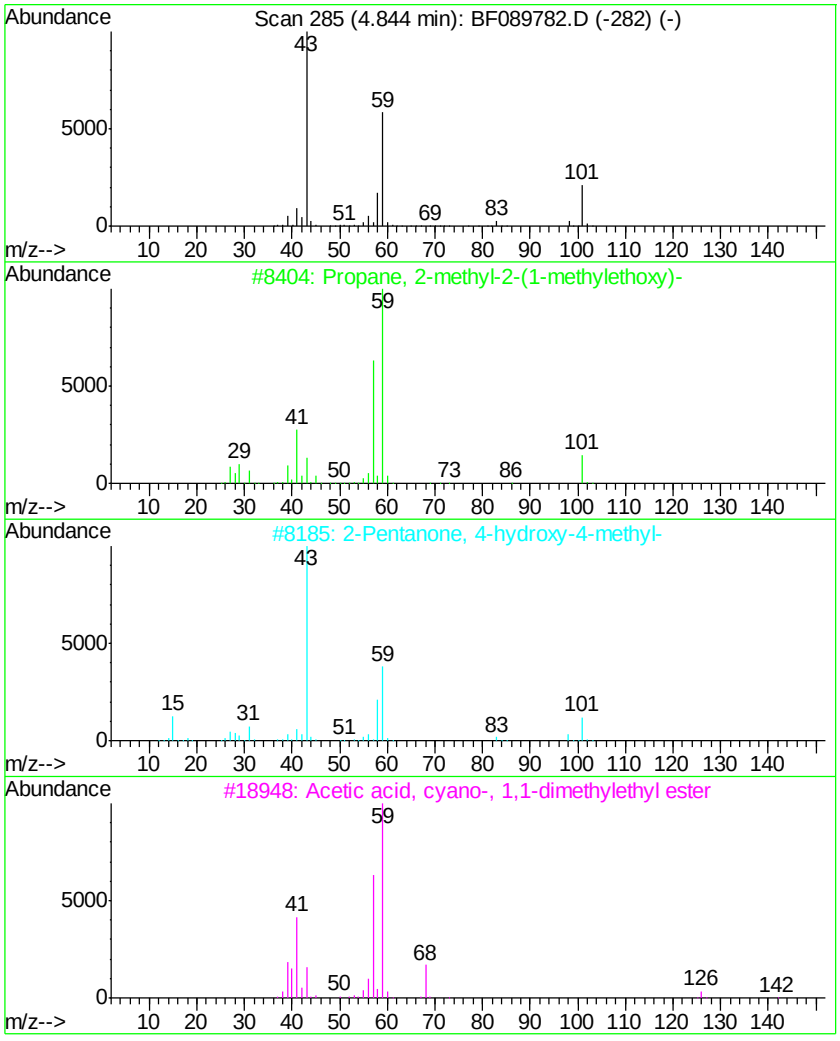
TIC Integration Parameters: LSCINT.P

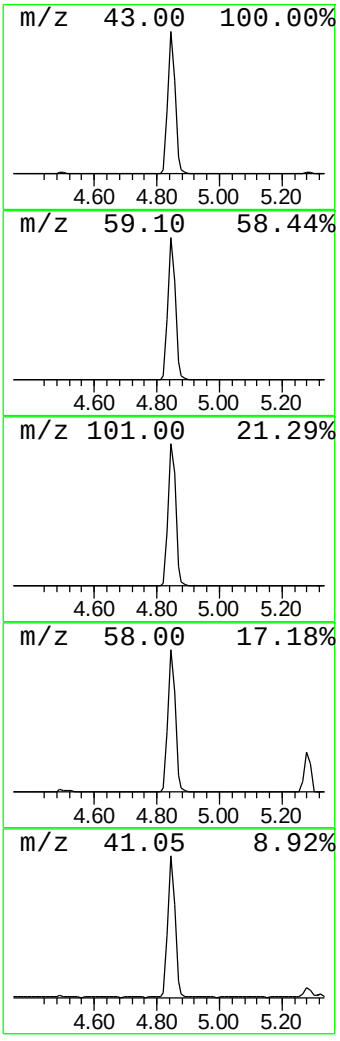
****

Peak Number 3 Propane, 2-methyl-2-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	26.11 ng	4303780	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Sample : H4490-14
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Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

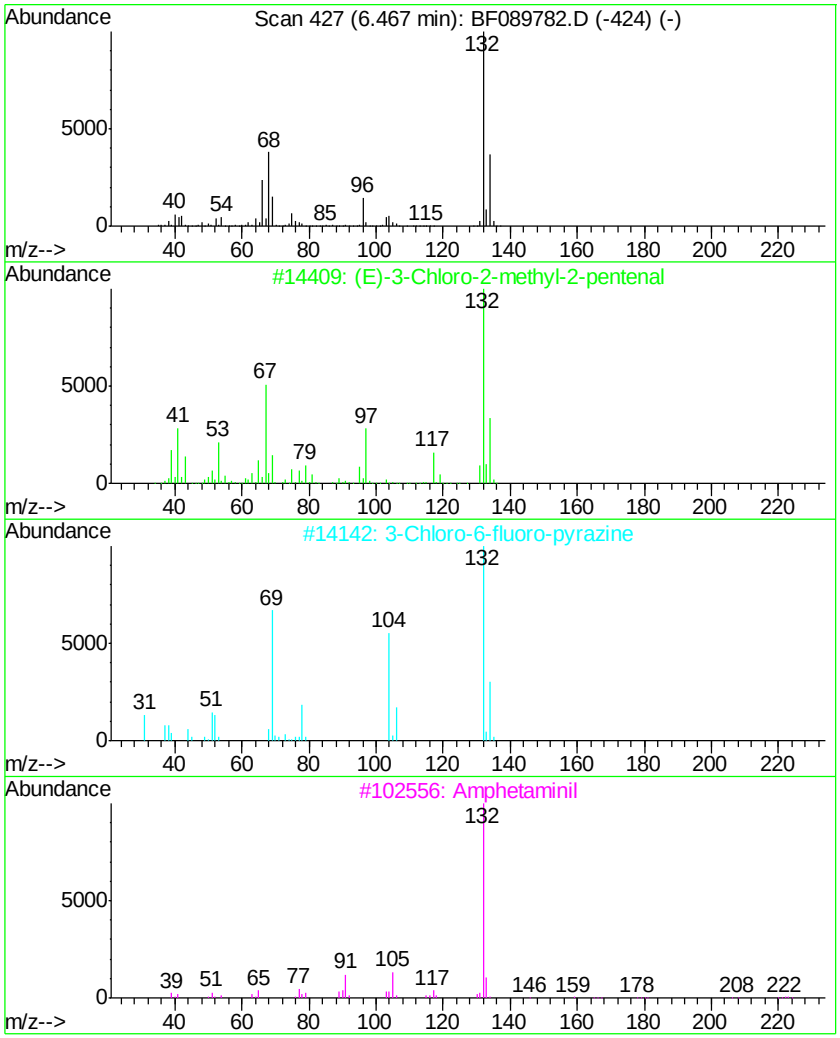
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

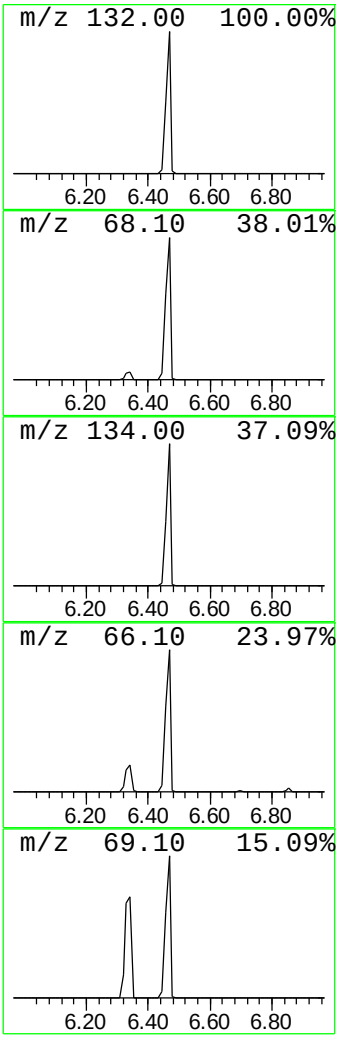
****

Peak Number 4 unknown6.47 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	80.24 ng	13224700	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
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TIC Library : C:\Database\NIST11.L
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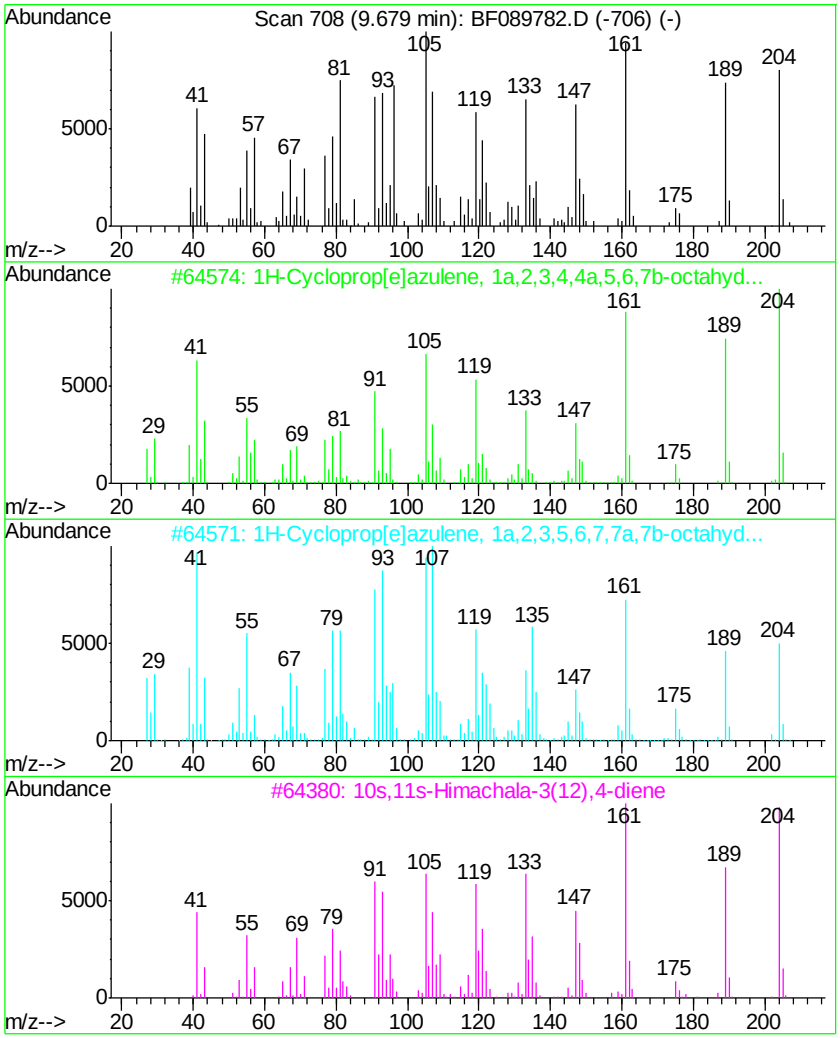
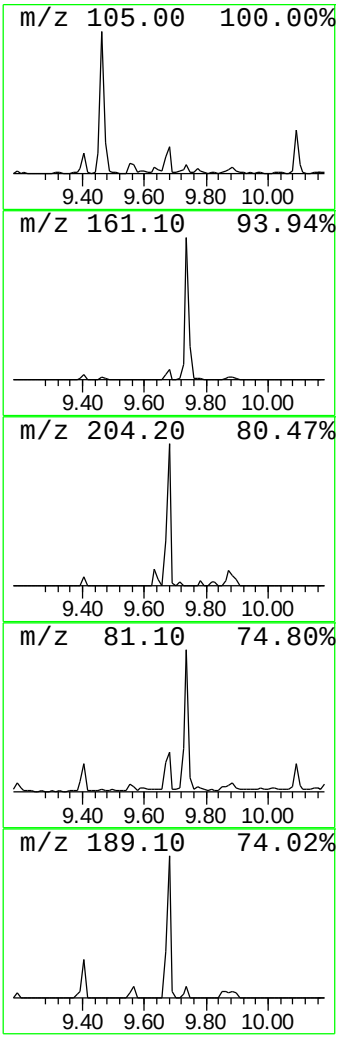
****

Peak Number 6 1H-Cycloprop[e]azulene, 1a,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	2.05 ng	522090	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	96
2	1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	93
3	10s,11s-Himachala-3(12),4-diene	204	C15H24	060909-28-6	93
4	Azulene, 1,2,3,3a,4,5,6,7-octahy...	204	C15H24	022567-17-5	92
5	.delta.-Selinene	204	C15H24	028624-23-9	89





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Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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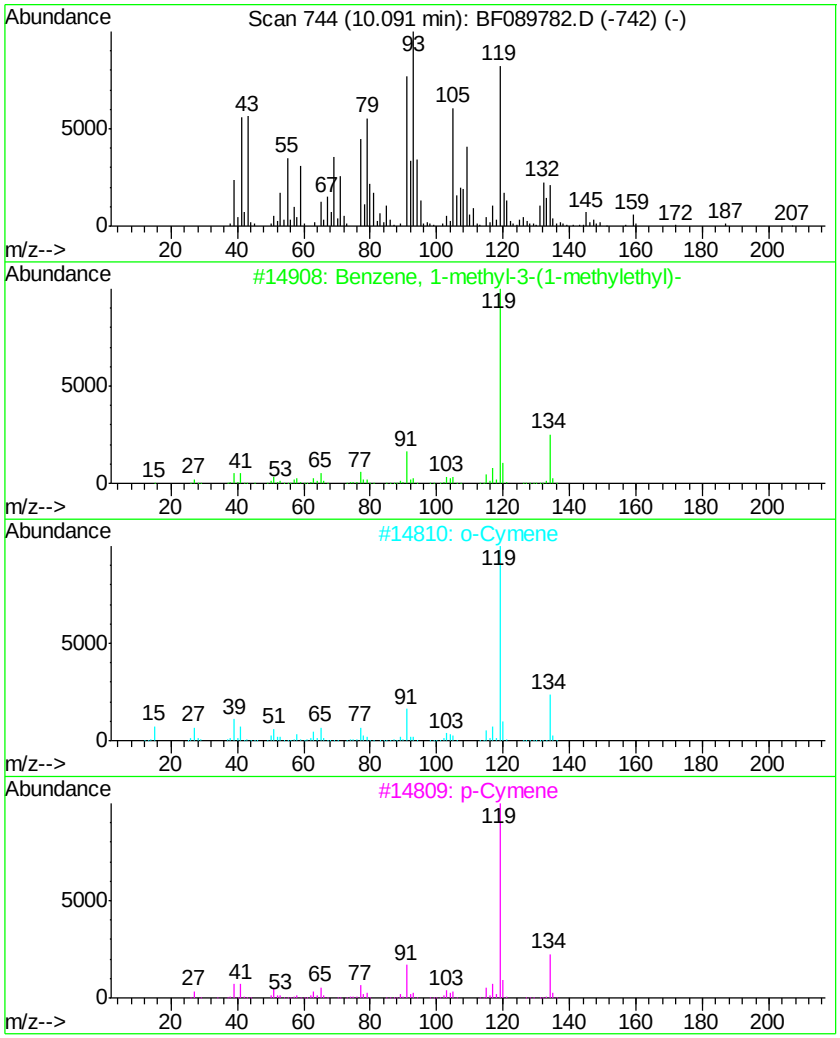
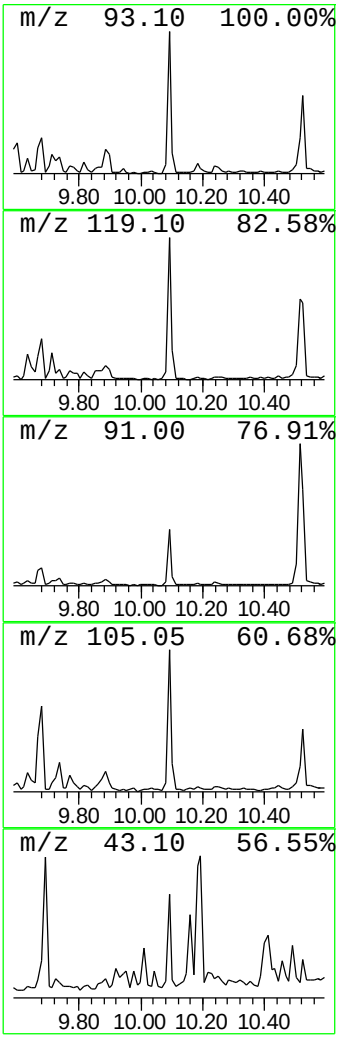
****

Peak Number 7 unknown10.09 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	2.20 ng	559590	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	35
2	o-Cymene	134	C10H14	000527-84-4	35
3	p-Cymene	134	C10H14	000099-87-6	35
4	1,3-Cyclohexadiene, 5,6-dimethyl-	108	C8H12	005715-27-5	25
5	Bicyclo[3.2.0]heptane, 6-methylene-	108	C8H12	003642-22-6	25





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Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
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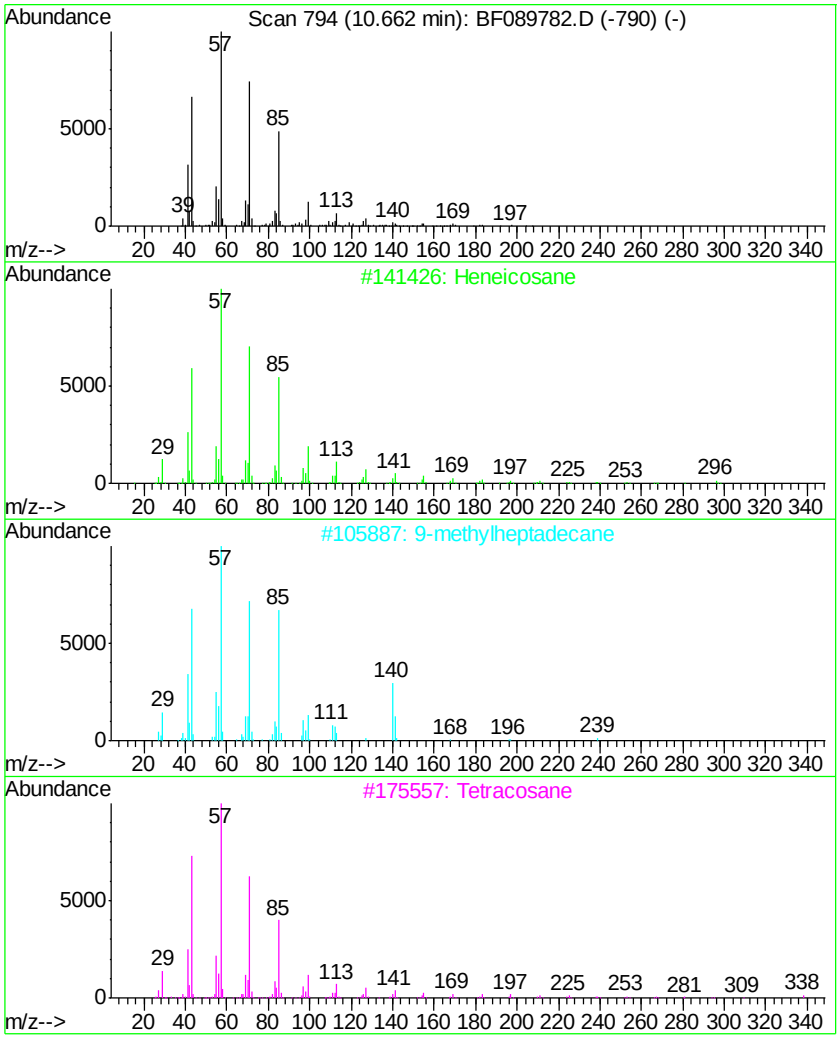
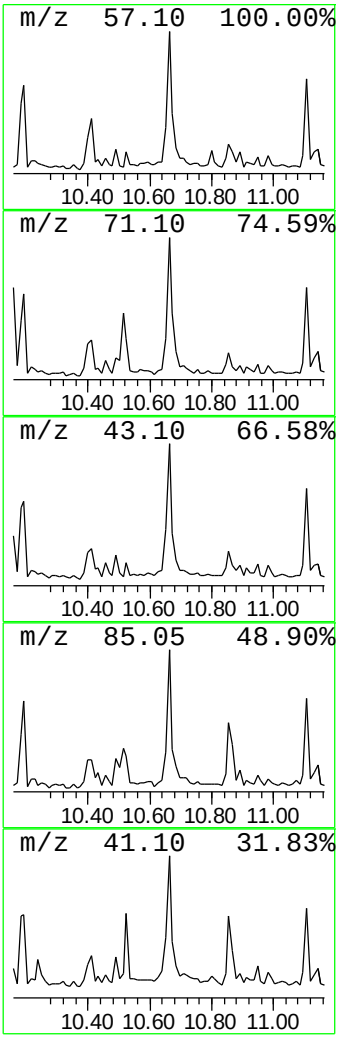
****

Peak Number 8 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	2.96 ng	705597	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	9-methylheptadecane	254	C18H38	026741-18-4	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
5	Pentadecane	212	C15H32	000629-62-9	86





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TIC Library : C:\Database\NIST11.L
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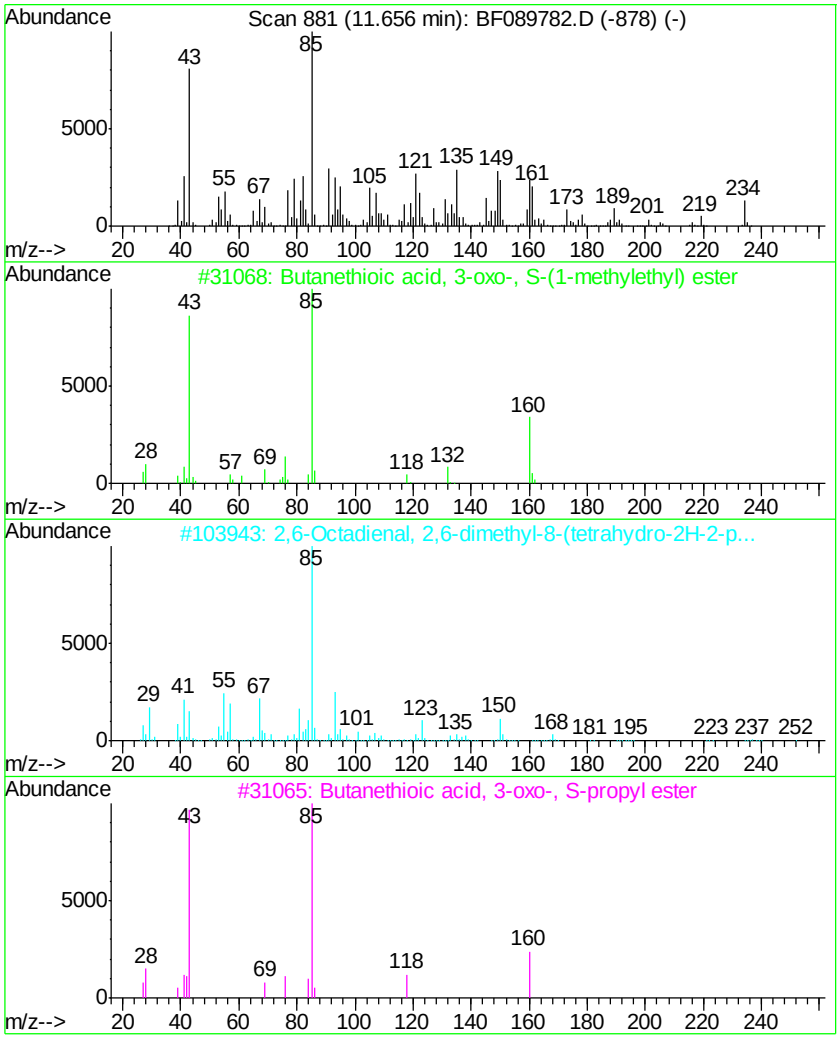
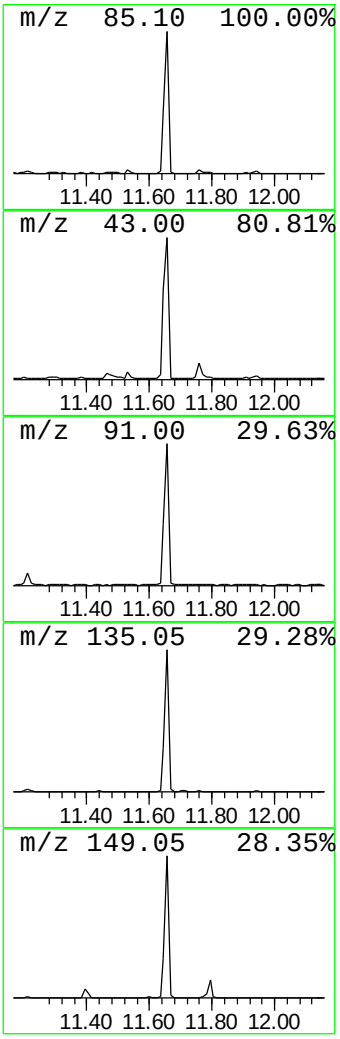
Peak Number 9 unknown11.66 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	21.76 ng	5178000	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanethioic acid, 3-oxo-, S-(1-...	160	C7H12O2S	015780-62-8	35
2	2,6-Octadienal, 2,6-dimethyl-8-(...	252	C15H24O3	1000196-64-1	35
3	Butanethioic acid, 3-oxo-, S-pro...	160	C7H12O2S	015780-61-7	27
4	4-Hexen-3-ol, 2,5-dimethyl-	128	C8H16O	060703-31-3	22
5	2-Propyltetrahydropyran	128	C8H16O	003857-17-8	22





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TIC Library : C:\Database\NIST11.L
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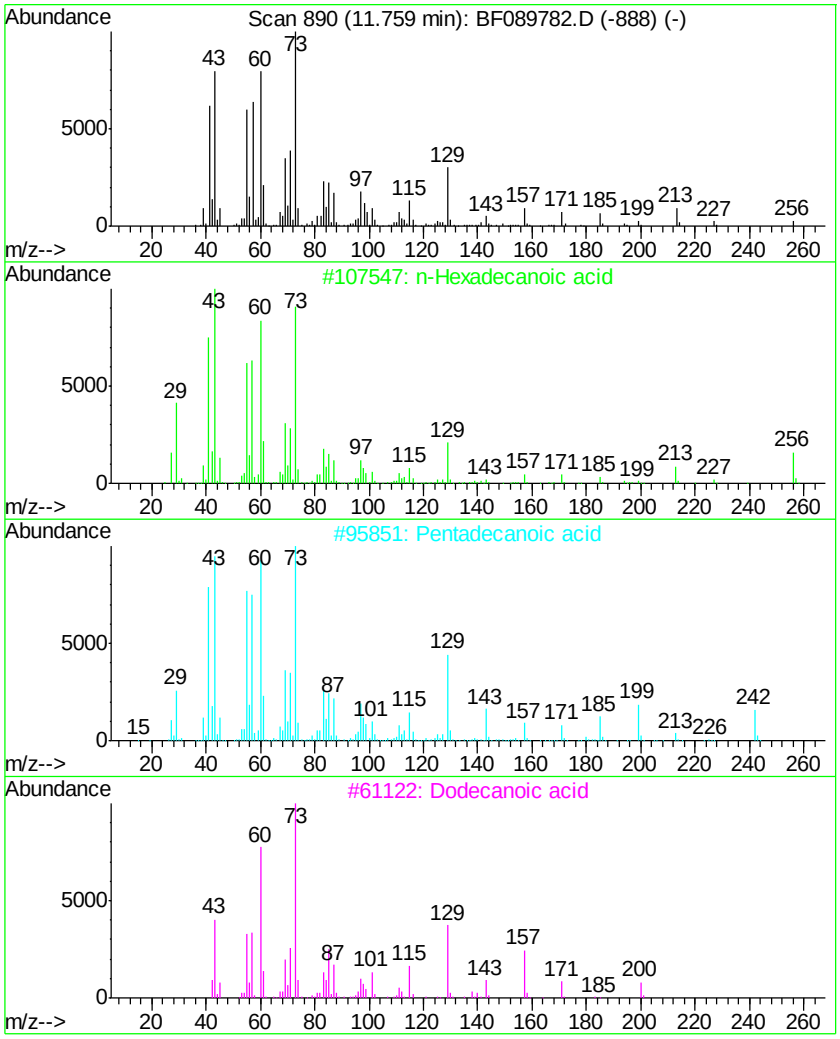
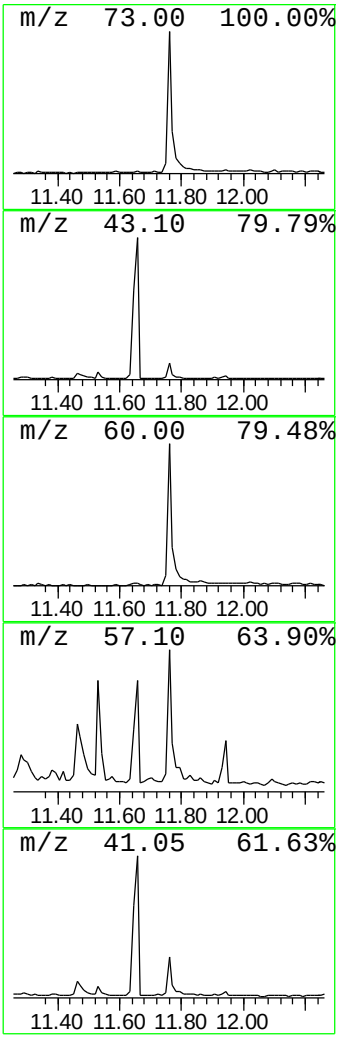
Peak Number 10 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	2.60 ng	619363	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Dodecanoic acid	200	C12H24O2	000143-07-7	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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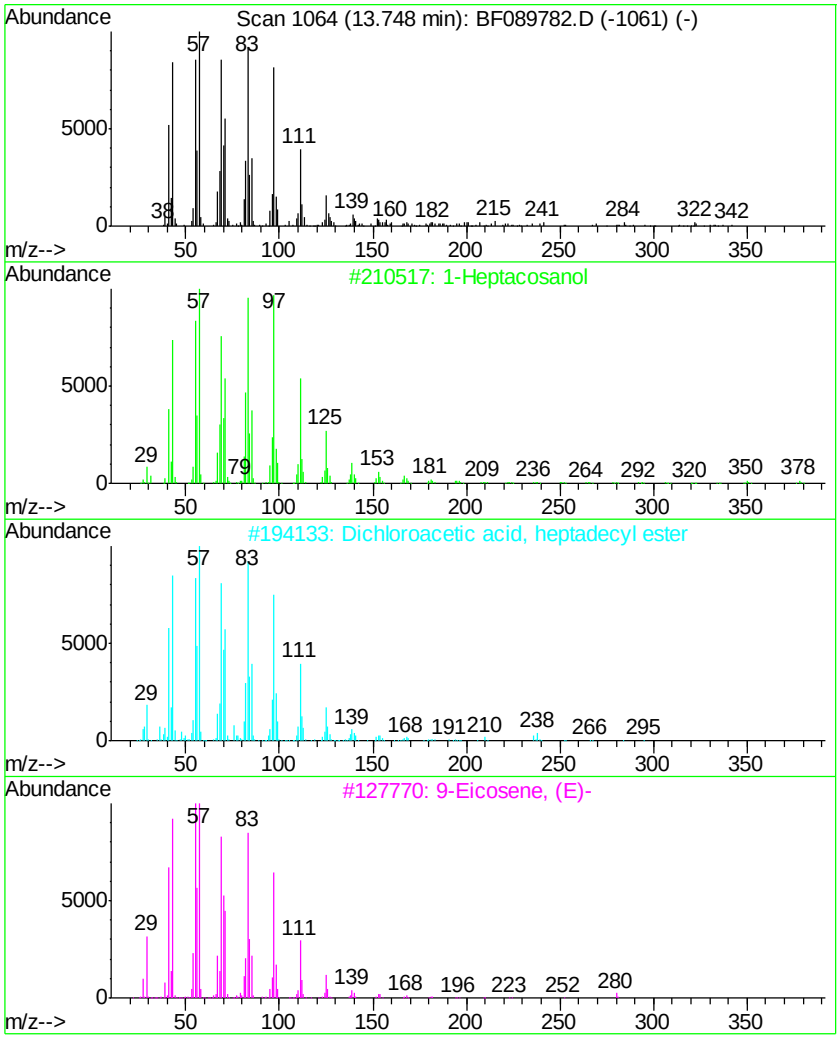
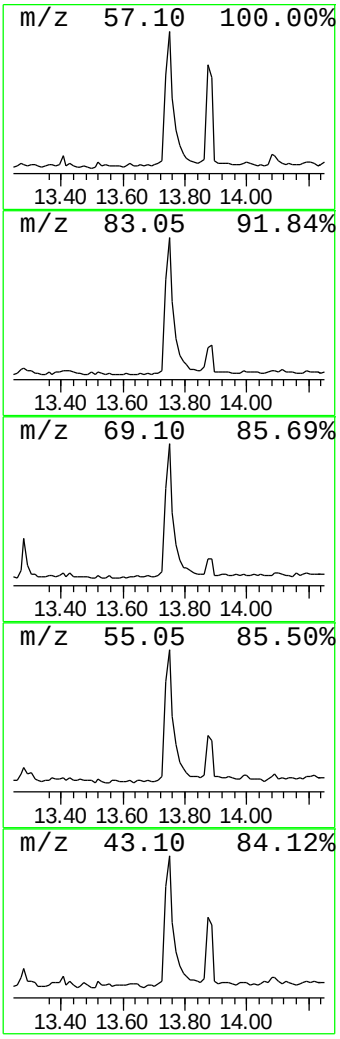
Peak Number 11 1-Heptacosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	3.79 ng	806706	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	90





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.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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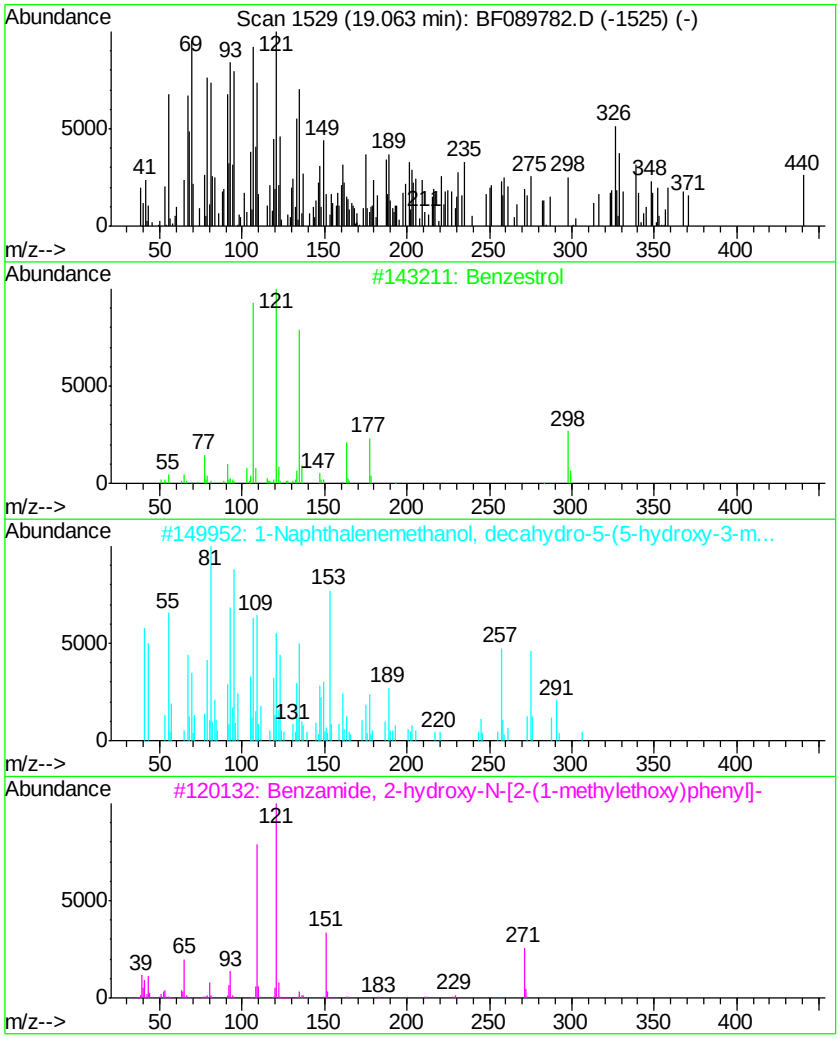
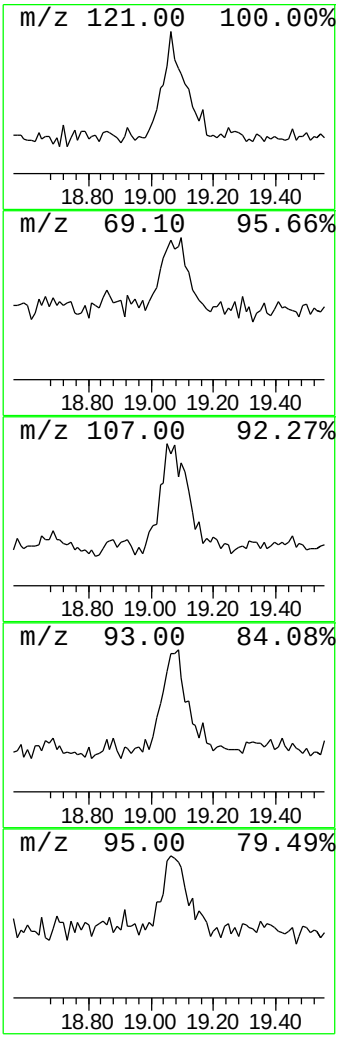
Peak Number 12 unknown19.06 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	3.08 ng	478633	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzestrol	298	C20H26O2	000085-95-0	30
2	1-Naphthalenemethanol, decahydro...	306	C20H34O2	001857-24-5	25
3	Benzamide, 2-hydroxy-N-[2-(1-met...	271	C16H17NO3	1000337-82-0	22
4	Acetaminosalol	271	C15H13NO4	000118-57-0	22
5	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	14





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2-methyl...	4.84	26.1	ng	4303780	1	6.70	3296470	20.0
unknown6.47	6.47	80.2	ng	13224700	1	6.70	3296470	20.0
1H-Cycloprop[e]az...	9.68	2.0	ng	522090	3	9.74	5092030	20.0
unknown10.09	10.09	2.2	ng	559590	3	9.74	5092030	20.0
Heneicosane	10.66	3.0	ng	705597	4	11.21	4760090	20.0
unknown11.66	11.66	21.8	ng	5178000	4	11.21	4760090	20.0
n-Hexadecanoic acid	11.76	2.6	ng	619363	4	11.21	4760090	20.0
1-Heptacosanol	13.75	3.8	ng	806706	5	13.86	4262500	20.0
unknown19.06	19.06	3.1	ng	478633	6	15.33	3109690	20.0