LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
Data File : BF095762.D
Acq On : 7 Jun 2017 23:47
Operator : SJ/MA
Sample : I3488-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-060517-C

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-BF060517.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	626	629	651	rBV	101088	258009	12.44%	2.477%
2	6.951	909	912	924	rBV	108024	244663	11.80%	2.349%
3	7.045	924	928	943	rVB	202680	365939	17.64%	3.513%
4	7.381	981	985	1000	rBV	311101	403879	19.47%	3.878%
5	7.622	1022	1026	1038	rBV	181567	245315	11.83%	2.355%
6	8.298	1138	1141	1166	rBV	82939	160117	7.72%	1.537%
7	9.416	1326	1331	1345	rBV	434798	532249	25.66%	5.110%
8	11.192	1629	1633	1639	rBV	291288	352313	16.99%	3.382%
9	11.427	1664	1673	1678	rBV2	19530	31175	1.50%	0.299%
10	11.892	1747	1752	1756	rBV	41023	52018	2.51%	0.499%
11	12.239	1806	1811	1816	rBV2	429791	508886	24.54%	4.886%
12	12.286	1816	1819	1824	rVB3	36195	45851	2.21%	0.440%
13	13.098	1952	1957	1961	rVB	36007	41501	2.00%	0.398%
14	13.463	2012	2019	2022	rBV4	13820	21780	1.05%	0.209%
15	13.533	2028	2031	2039	rBV	92349	137188	6.61%	1.317%
16	13.868	2080	2088	2090	rBV	38565	49564	2.39%	0.476%
17	14.039	2113	2117	2122	rBV	26108	31252	1.51%	0.300%
18	14.598	2206	2212	2214	rBV2	30625	37053	1.79%	0.356%
19	14.633	2214	2218	2222	rVV	348601	440582	21.24%	4.230%
20	14.668	2222	2224	2231	rVB	53123	70507	3.40%	0.677%
21	14.763	2237	2240	2249	rVB	20891	31682	1.53%	0.304%
22	15.280	2324	2328	2329	rBV	28981	31130	1.50%	0.299%
23	15.304	2329	2332	2336	rVB	57445	60085	2.90%	0.577%
24	15.433	2349	2354	2359	rVB	709908	803595	38.75%	7.715%
25	15.645	2385	2390	2397	rVB3	17647	29407	1.42%	0.282%
26	15.886	2426	2431	2438	rBV2	24859	33934	1.64%	0.326%
27	16.410	2515	2520	2522	rBV	1034436	1167881	56.31%	11.212%
28	16.445	2522	2526	2529	rVV2	1790204	2073906	100.00%	19.911%
29	16.468	2529	2530	2536	rVB2	145943	128973	6.22%	1.238%
30	16.568	2543	2547	2552	rBV	341633	371474	17.91%	3.566%
31	16.633	2555	2558	2563	rBV3	15842	24944	1.20%	0.239%
32	16.751	2574	2578	2583	rBV	124875	146127	7.05%	1.403%
33	16.939	2605	2610	2616	rBV4	14781	24281	1.17%	0.233%
34	17.004	2616	2621	2627	rVB	215221	240195	11.58%	2.306%

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Misc :
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Instrument : BNA_F
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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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.221	2655	2658	2665	rVB	25651	34314	1.65%	0.329%
36	17.309	2669	2673	2676	rBV2	24149	27632	1.33%	0.265%
37	17.357	2676	2681	2686	rVV7	17989	34507	1.66%	0.331%
38	17.421	2686	2692	2696	rVB5	36277	49248	2.37%	0.473%
39	18.345	2844	2849	2853	rBV2	376000	478226	23.06%	4.591%
40	18.380	2853	2855	2860	rVB2	51411	76555	3.69%	0.735%
41	18.856	2931	2936	2940	rBV3	14621	24067	1.16%	0.231%
42	19.615	3061	3065	3068	rBV	54858	79256	3.82%	0.761%
43	19.903	3112	3114	3119	rVB	34517	33297	1.61%	0.320%
44	19.962	3121	3124	3128	rVB	55734	62300	3.00%	0.598%
45	20.015	3129	3133	3141	rBV	258554	319092	15.39%	3.063%

Sum of corrected areas: 10415949

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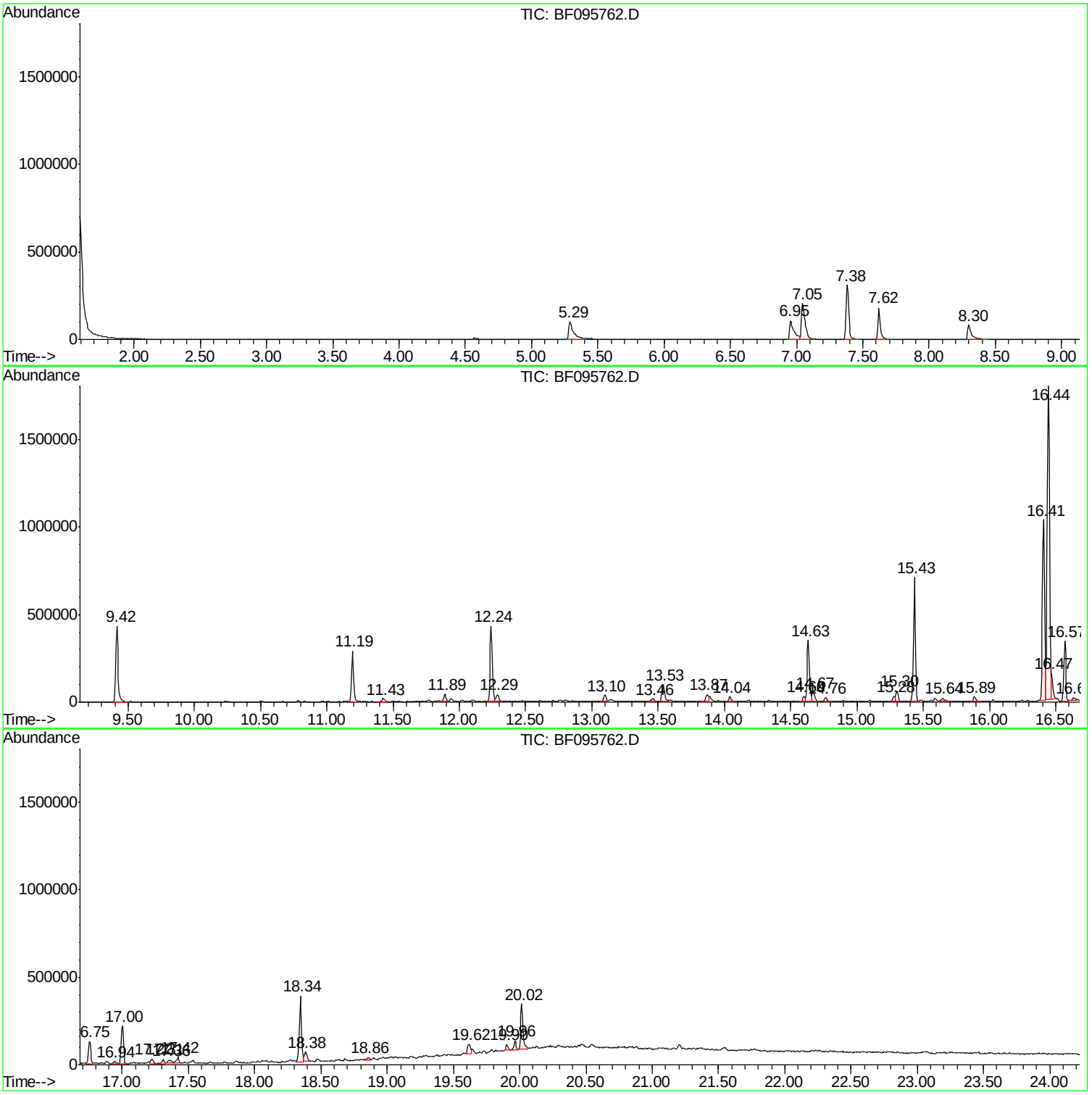
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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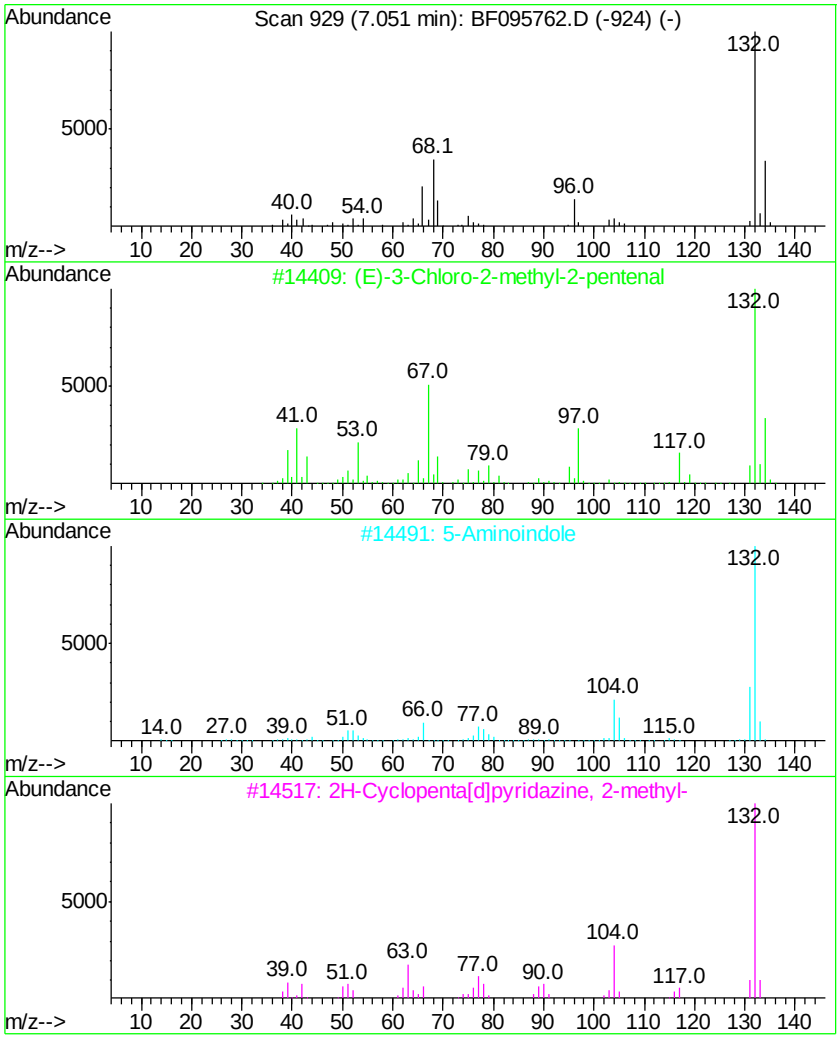
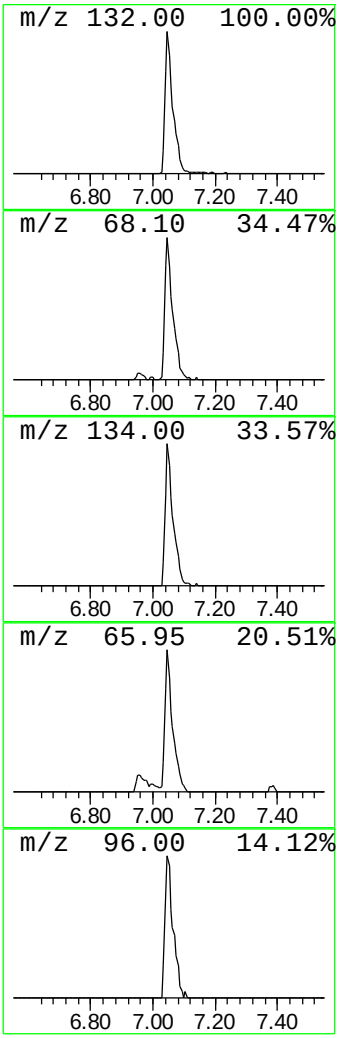
Peak Number 1 unknown7.05 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	18.12 ng	365939	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





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Sample : I3488-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-060517-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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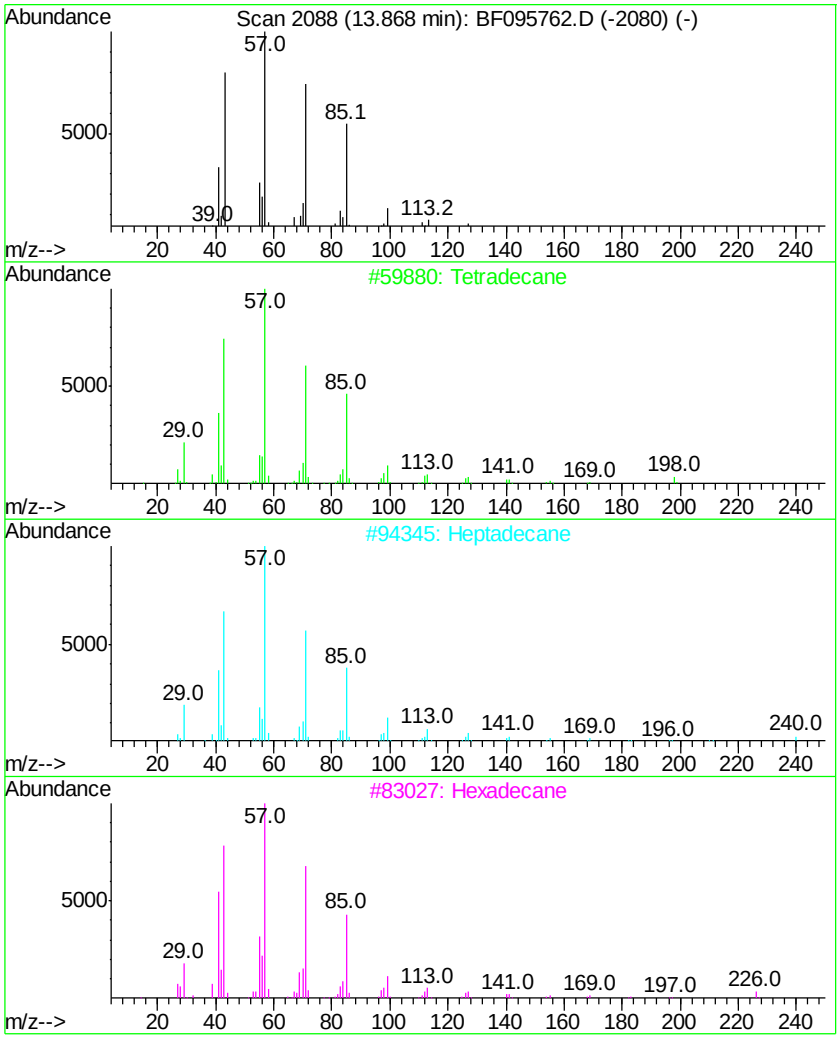
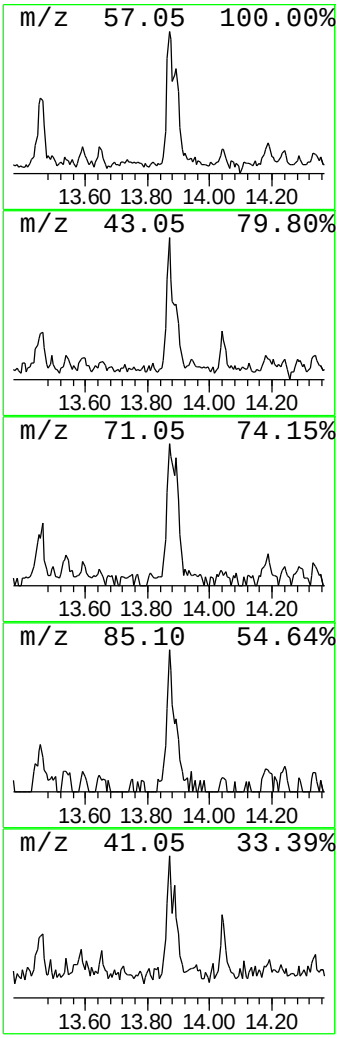
Peak Number 3 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	2.25 ng	49564	Phenanthrene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Pentadecane	212	C15H32	000629-62-9	83
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	83





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Sample : I3488-07 5X
Misc :
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Instrument : BNA_F
ClientSampleId : TR-04-060517-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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TIC Library : C:\DATABASE\NIST11.L
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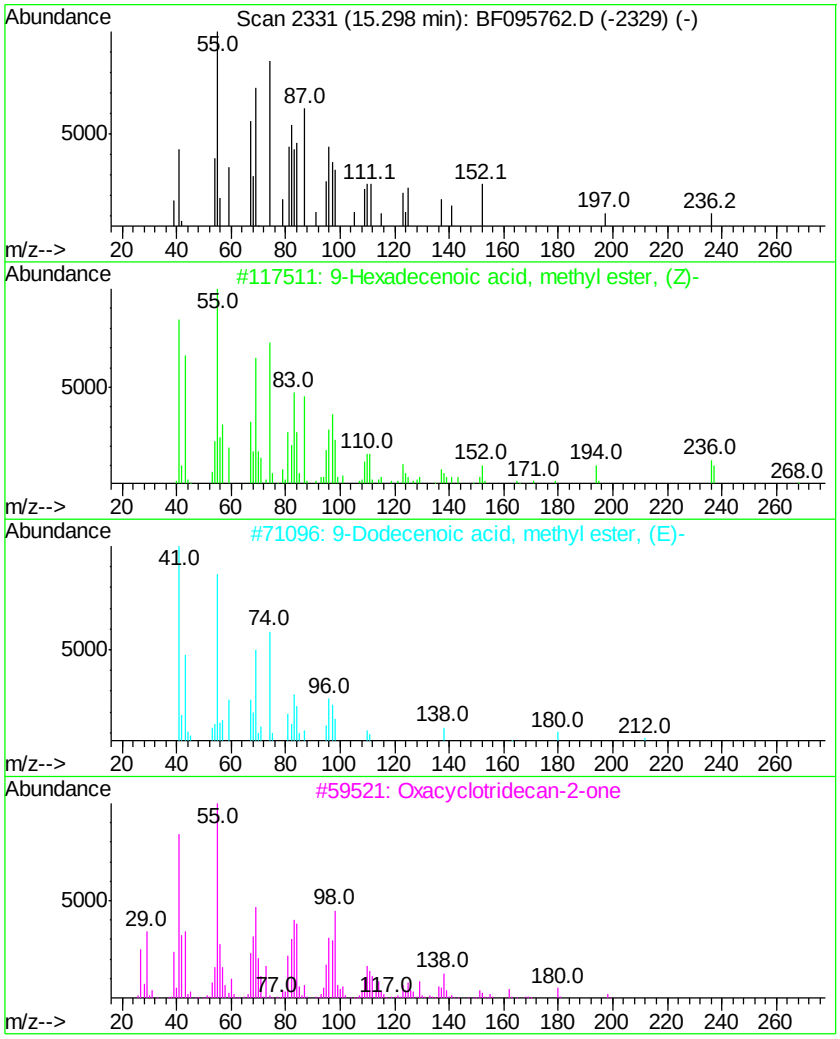
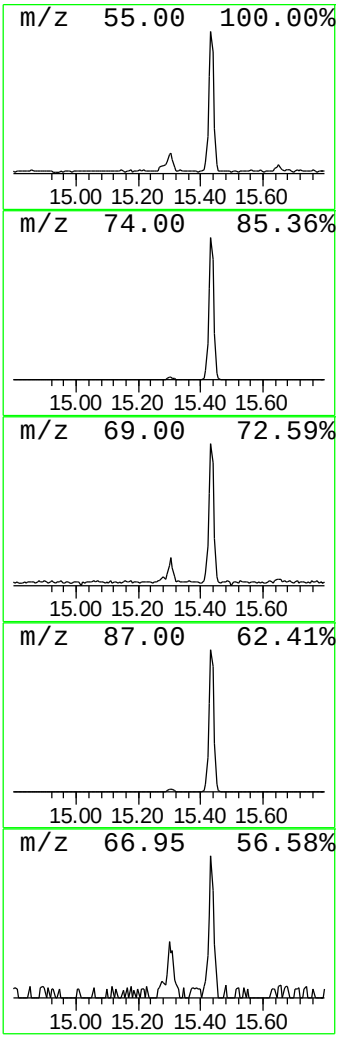
Peak Number 4 9-Hexadecenoic acid, methyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	2.73 ng	60085	Phenanthrene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	70
2	9-Dodecenoic acid, methyl ester,...	212	C13H24O2	055030-26-7	49
3	Oxacyclotridecan-2-one	198	C12H22O2	000947-05-7	47
4	Octanedioic acid, dimethyl ester	202	C10H18O4	001732-09-8	47
5	Cyclopropanenonanoic acid, methy...	212	C13H24O2	010152-60-0	47





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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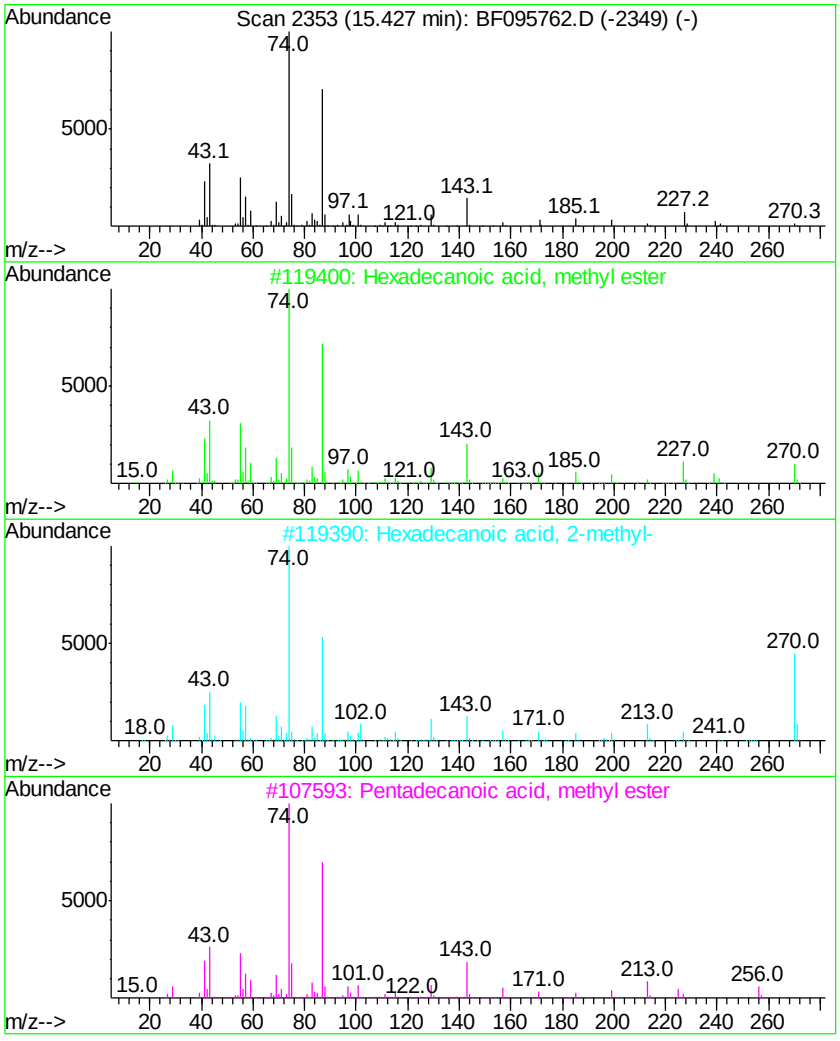
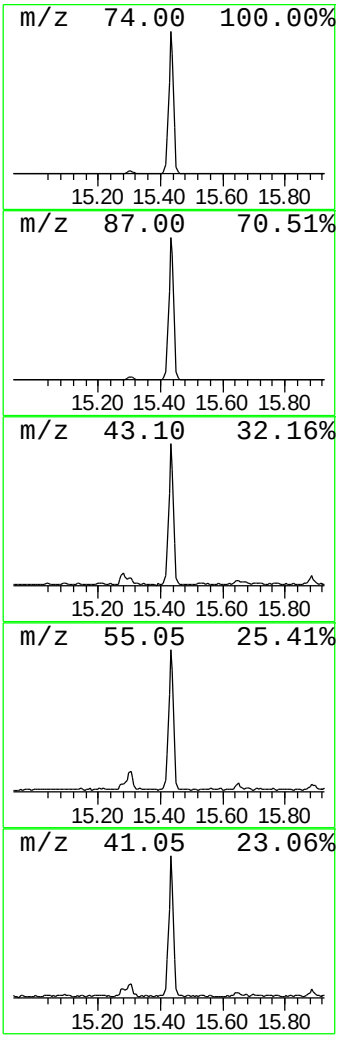
Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	36.48 ng	803595	Phenanthrene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	90
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87





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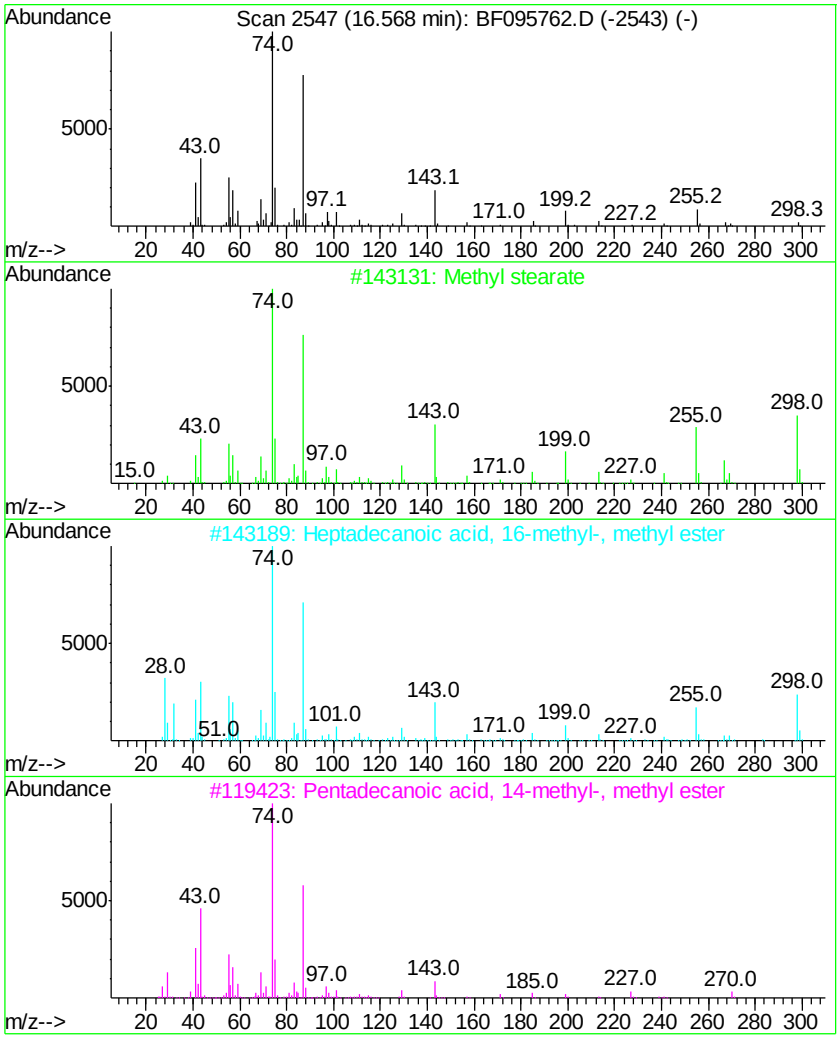
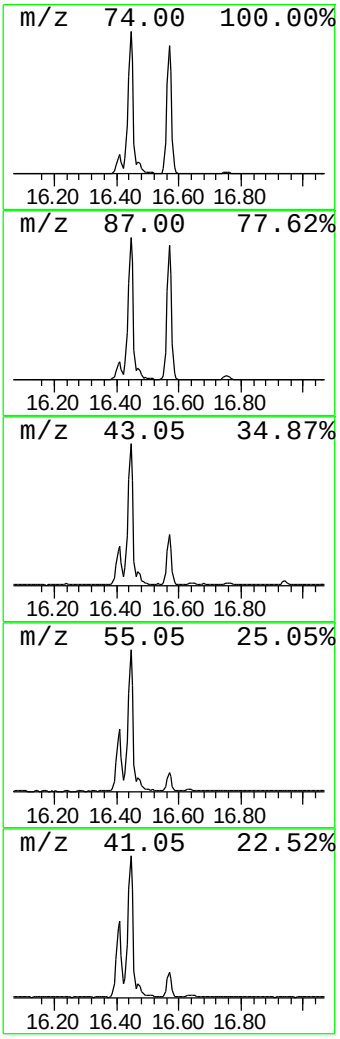
Peak Number 6 Methyl stearate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	15.54 ng	371474	Chrysene-d12	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86





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ClientSampleId : TR-04-060517-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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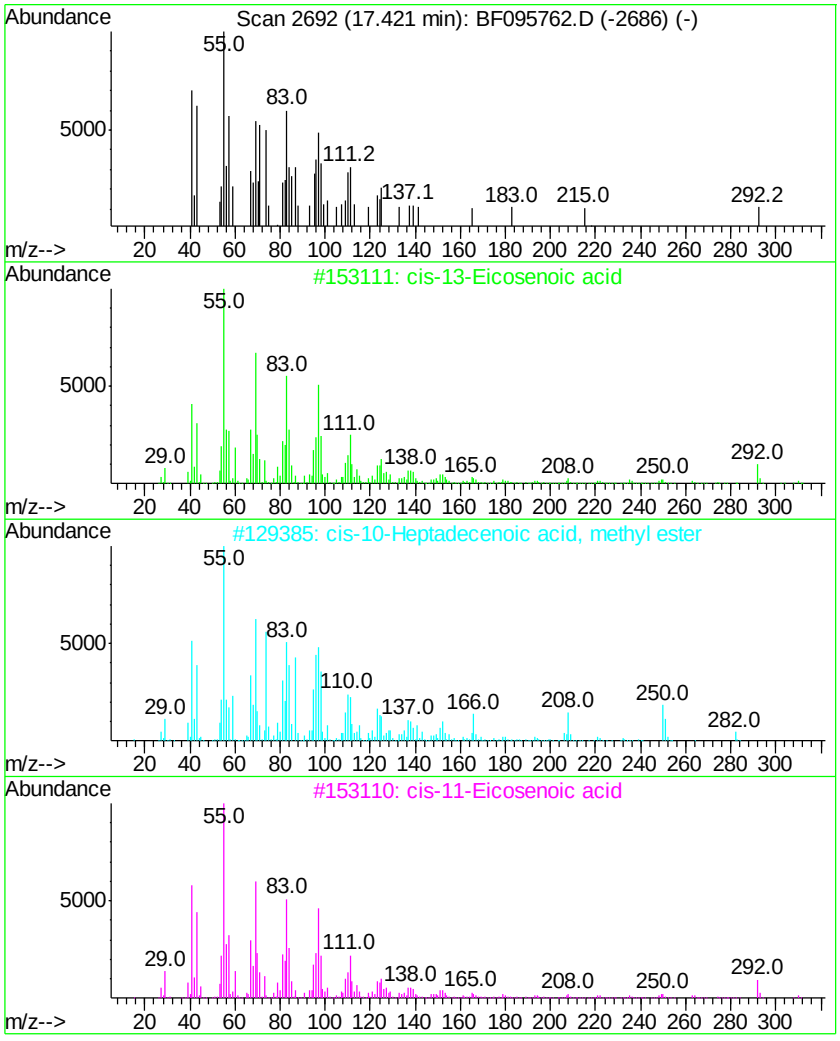
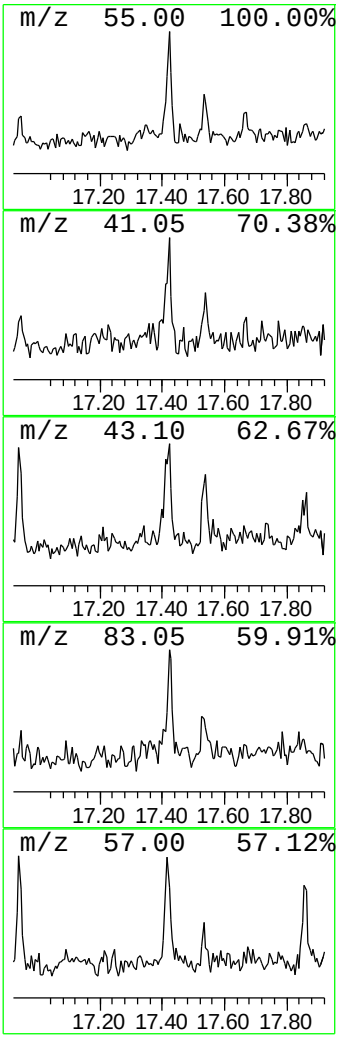
Peak Number 7 cis-13-Eicosenoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	2.06 ng	49248	Chrysene-d12	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Eicosenoic acid	310	C20H38O2	017735-94-3	58
2	cis-10-Heptadecenoic acid, methy...	282	C18H34O2	1000333-62-1	52
3	cis-11-Eicosenoic acid	310	C20H38O2	005561-99-9	52
4	cis-Vaccenic acid	282	C18H34O2	000506-17-2	49
5	Carbonic acid, tridecyl 2,2,2-tr...	374	C16H29Cl3O3	1000314-55-9	49





Tentatively Identified Compound (LSC) summary

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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
unknown7.05	7.05	18.1	ng	365939	1	7.38	403879	20.0
Tetradecane	13.87	2.3	ng	49564	4	14.63	440582	20.0
9-Hexadecenoic ac...	15.30	2.7	ng	60085	4	14.63	440582	20.0
Hexadecanoic acid...	15.43	36.5	ng	803595	4	14.63	440582	20.0
Methyl stearate	16.57	15.5	ng	371474	5	18.34	478226	20.0
cis-13-Eicosenoic...	17.42	2.1	ng	49248	5	18.34	478226	20.0