LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095944.D
Acq On : 15 Jun 2017 2:45
Operator : SJ/MA
Sample : I3665-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HA3-WC1

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	4.528	496	500	518	rBV2	46957	126041	7.62%	0.795%
2	5.228	615	619	649	rBV	668850	1388430	83.97%	8.760%
3	6.904	900	904	915	rBV	797314	1300106	78.63%	8.203%
4	6.992	915	919	933	rVV	1039000	1653401	100.00%	10.432%
5	7.086	933	935	942	rVB3	10705	18739	1.13%	0.118%
6	7.333	973	977	989	rBV	300895	382572	23.14%	2.414%
7	7.569	1012	1017	1033	rBV	806243	1067040	64.54%	6.733%
8	8.251	1129	1133	1162	rVB	564740	856317	51.79%	5.403%
9	9.369	1318	1323	1337	rBV	372791	535646	32.40%	3.380%
10	10.539	1515	1522	1530	rBB3	9745	17113	1.04%	0.108%
11	11.145	1619	1625	1638	rBV	1251504	1452248	87.83%	9.163%
12	11.839	1739	1743	1755	rVB	117203	149433	9.04%	0.943%
13	12.186	1797	1802	1807	rBV2	412561	498315	30.14%	3.144%
14	12.239	1807	1811	1817	rVB2	61606	86157	5.21%	0.544%
15	12.539	1859	1862	1870	rVB	13606	20016	1.21%	0.126%
16	13.045	1941	1948	1951	rBV	26521	30361	1.84%	0.192%
17	13.080	1951	1954	1960	rVB	58794	70062	4.24%	0.442%
18	13.480	2018	2022	2036	rBV	470292	681667	41.23%	4.301%
19	13.810	2070	2078	2086	rBV	23376	39734	2.40%	0.251%
20	14.580	2205	2209	2212	rVV	325960	403310	24.39%	2.545%
21	14.615	2212	2215	2223	rVV	201893	263674	15.95%	1.664%
22	14.709	2227	2231	2237	rVB	68281	89582	5.42%	0.565%
23	15.386	2342	2346	2350	rBV	28695	31921	1.93%	0.201%
24	15.433	2350	2354	2360	rVB	34428	41610	2.52%	0.263%
25	15.504	2362	2366	2368	rBV2	15109	17321	1.05%	0.109%
26	15.539	2368	2372	2376	rVV3	52725	77934	4.71%	0.492%
27	15.604	2376	2383	2391	rVB2	74793	114730	6.94%	0.724%
28	15.839	2419	2423	2427	rBV4	19520	25939	1.57%	0.164%
29	16.203	2479	2485	2488	rBV2	18444	27842	1.68%	0.176%
30	16.239	2488	2491	2495	rVB3	13496	18057	1.09%	0.114%
31	16.327	2501	2506	2510	rVB6	11019	18901	1.14%	0.119%
32	16.398	2513	2518	2524	rBV	323414	397358	24.03%	2.507%
33	16.703	2566	2570	2576	rBV	386522	457868	27.69%	2.889%
34	16.815	2584	2589	2595	rVB4	17065	30982	1.87%	0.195%

LSC Area Percent Report

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Sample : I3665-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HA3-WC1

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

35	16.903	2600	2604	2608	rVV2	17850	25009	1.51%	0.158%
36	16.956	2608	2613	2618	rVB	900657	998359	60.38%	6.299%
37	17.033	2620	2626	2633	rVB4	21152	38972	2.36%	0.246%
38	17.151	2641	2646	2647	rBV4	16043	22982	1.39%	0.145%
39	17.174	2647	2650	2656	rVB	45294	61459	3.72%	0.388%
40	17.262	2661	2665	2669	rVB	54345	59481	3.60%	0.375%
41	17.309	2669	2673	2679	rBV4	34697	67801	4.10%	0.428%
42	17.421	2688	2692	2696	rVB2	19571	23026	1.39%	0.145%
43	17.462	2696	2699	2703	rBV2	13646	18912	1.14%	0.119%
44	17.745	2744	2747	2751	rVB4	13716	16785	1.02%	0.106%
45	17.821	2754	2760	2765	rBV7	10423	24458	1.48%	0.154%
46	17.950	2777	2782	2785	rBV	40870	47159	2.85%	0.298%
47	17.980	2785	2787	2789	rVV	22445	21794	1.32%	0.138%
48	18.009	2789	2792	2795	rVB	27539	27538	1.67%	0.174%
49	18.045	2795	2798	2801	rBV	19574	21683	1.31%	0.137%
50	18.215	2822	2827	2836	rBV2	107566	180301	10.90%	1.138%
51	18.297	2836	2841	2845	rVV2	407409	601354	36.37%	3.794%
52	18.333	2845	2847	2860	rVV2	107965	174712	10.57%	1.102%
53	18.427	2860	2863	2869	rVB3	31099	41655	2.52%	0.263%
54	18.533	2876	2881	2884	rBV5	14547	21432	1.30%	0.135%
55	18.639	2895	2899	2903	rVB5	20407	26107	1.58%	0.165%
56	18.774	2918	2922	2925	rBV5	25677	35907	2.17%	0.227%
57	18.809	2925	2928	2932	rVV	25816	34336	2.08%	0.217%
58	18.850	2932	2935	2940	rVB2	19331	25442	1.54%	0.161%
59	18.962	2950	2954	2956	rBV4	13281	17475	1.06%	0.110%
60	19.015	2961	2963	2969	rVB6	21414	31704	1.92%	0.200%
61	19.339	3014	3018	3021	rVB2	50086	56482	3.42%	0.356%
62	19.574	3054	3058	3061	rBV	107637	152548	9.23%	0.963%
63	19.686	3074	3077	3080	rBV	23723	22760	1.38%	0.144%
64	19.862	3104	3107	3110	rBV	54488	57982	3.51%	0.366%
65	19.921	3113	3117	3122	rVV	97413	108501	6.56%	0.685%
66	19.974	3122	3126	3135	rVB	217941	319197	19.31%	2.014%
67	21.150	3323	3326	3331	rVB3	33404	49216	2.98%	0.311%
68	21.485	3380	3383	3385	rBV2	18985	25923	1.57%	0.164%

Sum of corrected areas: 15848879

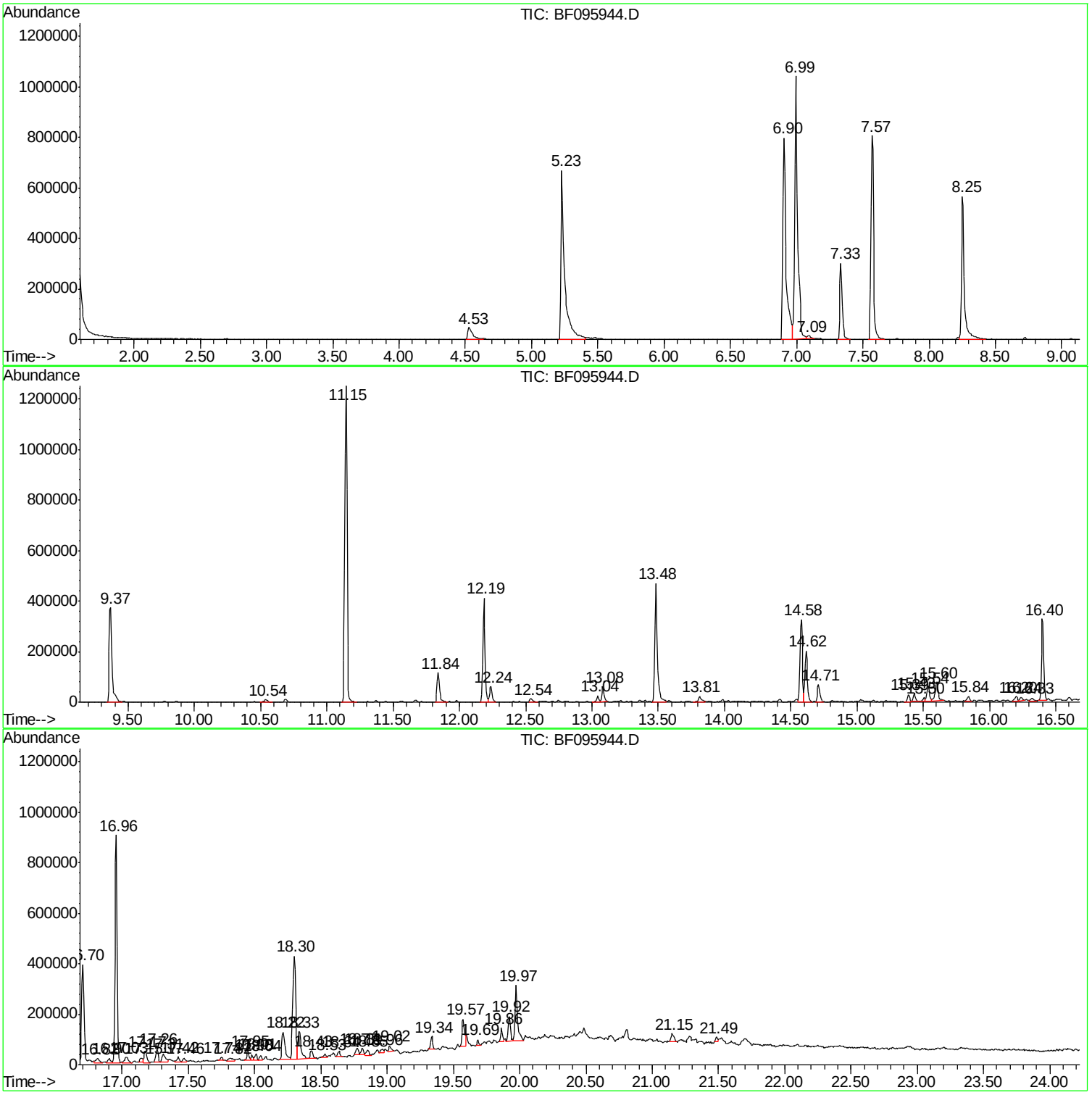
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095944.D
Acq On : 15 Jun 2017 2:45
Operator : SJ/MA
Sample : I3665-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HA3-WC1

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095944.D
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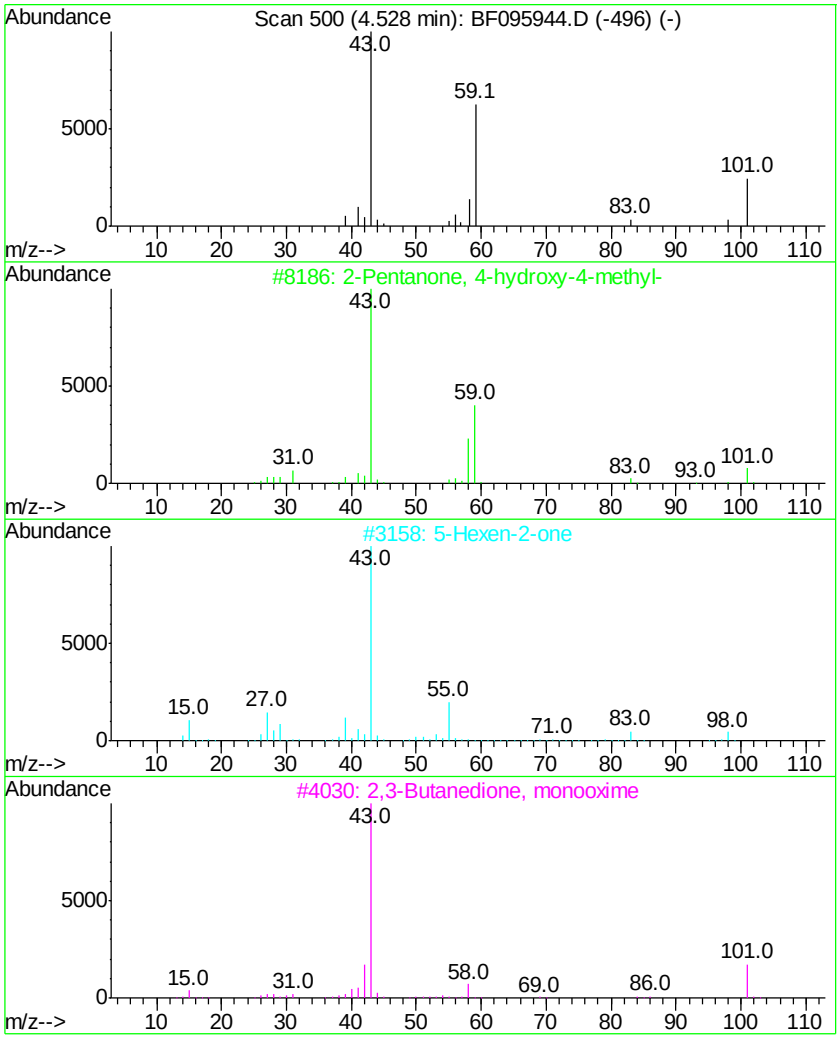
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

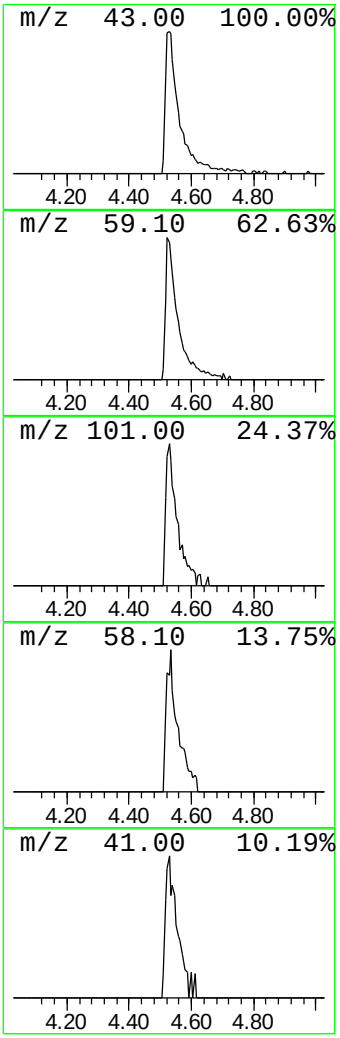
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	6.59 ng	126041	1,4-Dichlorobenzene-d4	7.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095944.D
Acq On : 15 Jun 2017 2:45
Operator : SJ/MA
Sample : I3665-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HA3-WC1

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

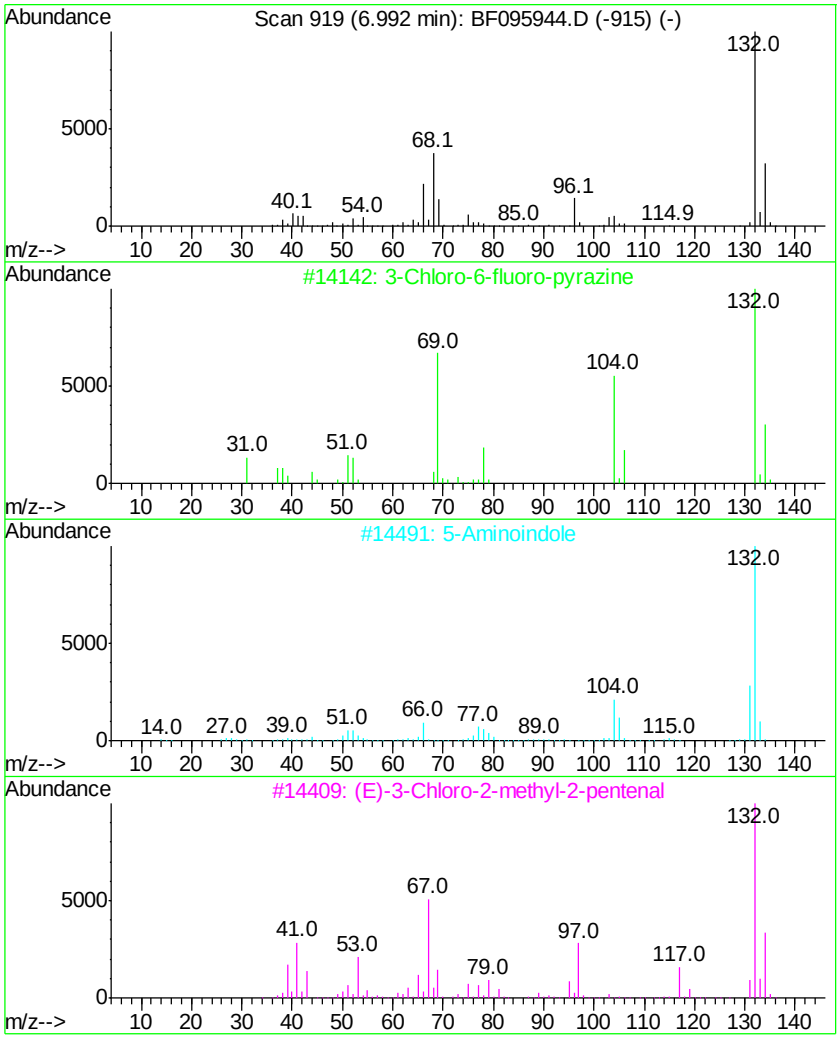
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

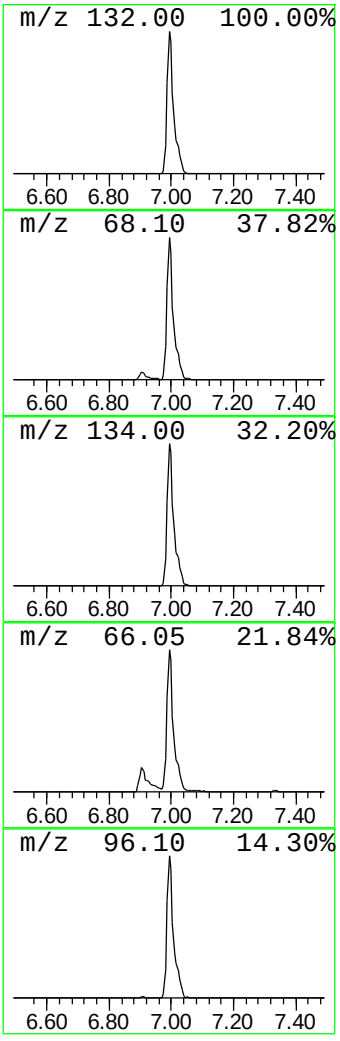
****

Peak Number 2 unknown6.99 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	86.44 ng	1653400	1,4-Dichlorobenzene-d4	7.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Sample : I3665-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HA3-WC1

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

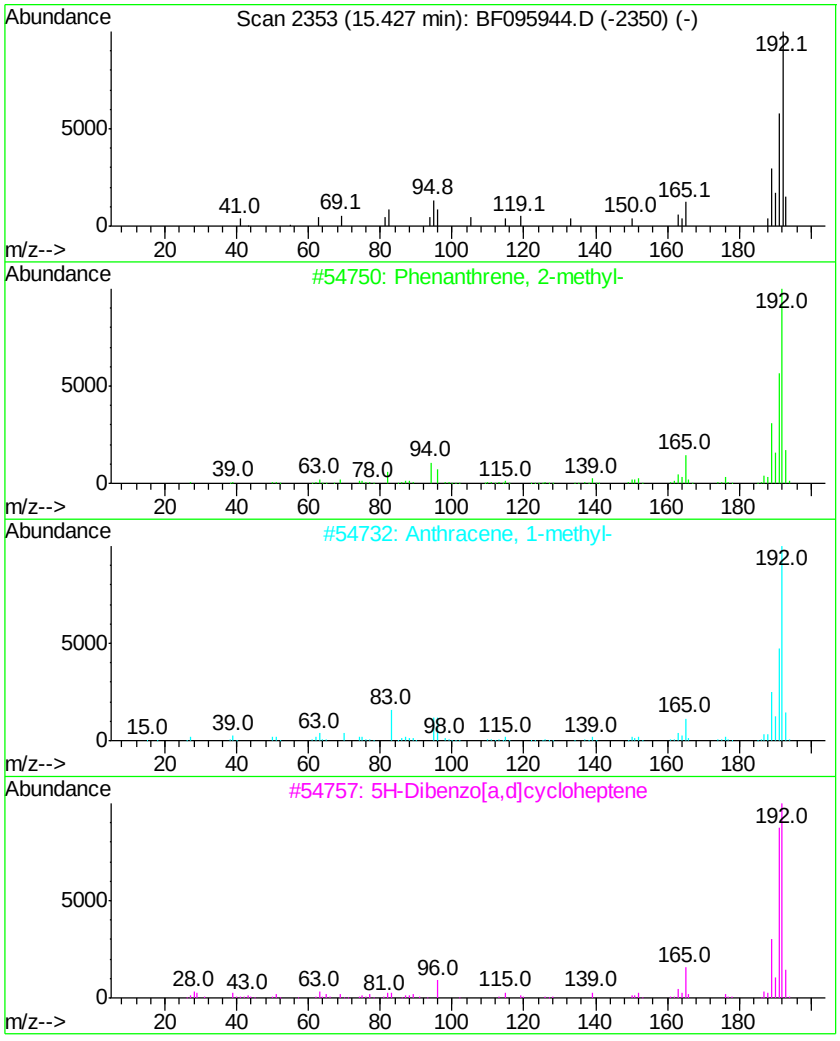
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

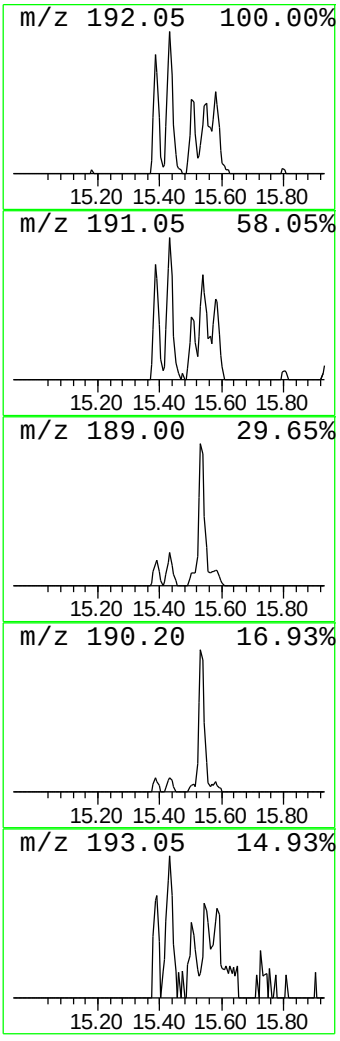
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	2.06 ng	41610	Phenanthrene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	87
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095944.D
Acq On : 15 Jun 2017 2:45
Operator : SJ/MA
Sample : I3665-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HA3-WC1

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

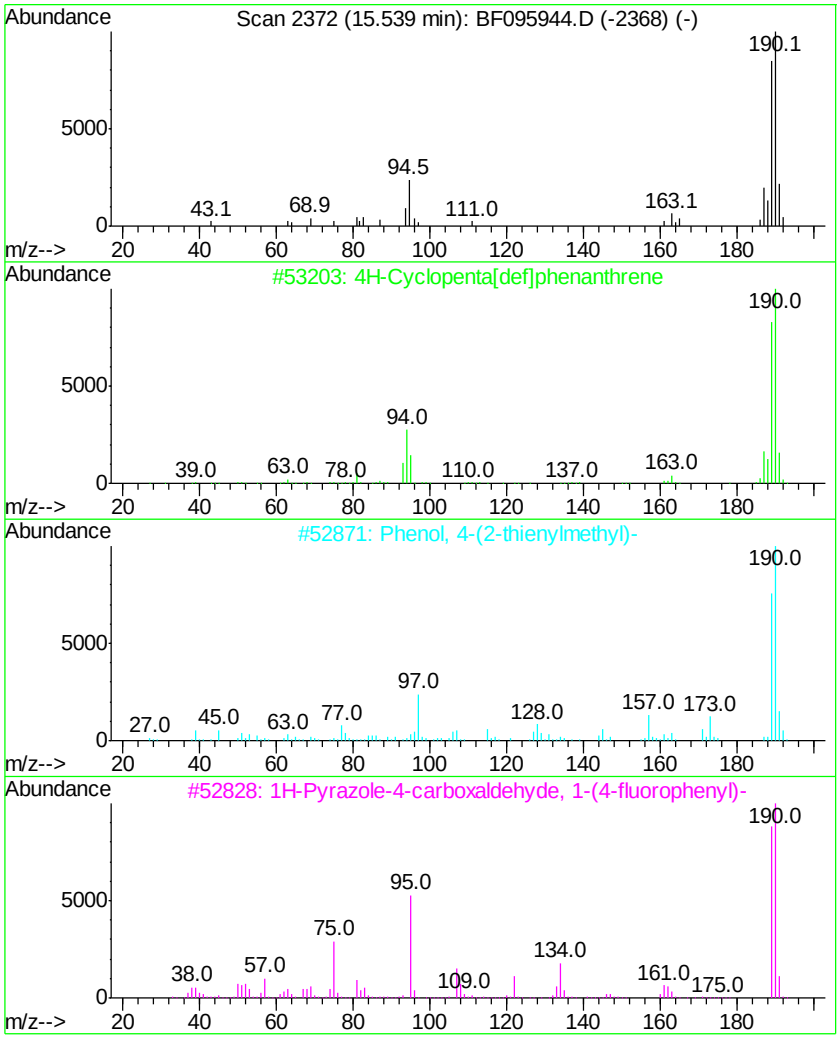
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

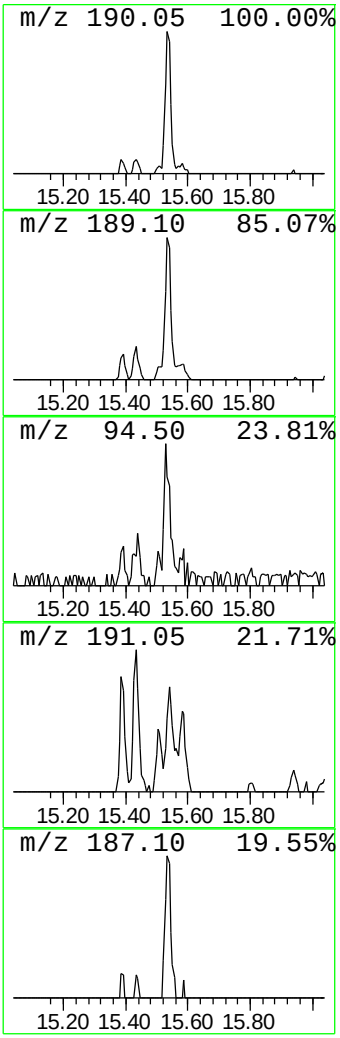
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	3.86 ng	77934	Phenanthrene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	42
3	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	42
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	38
5	Methyl diselenide	190	C2H6Se2	007101-31-7	38





Library Search Compound Report

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Acq On : 15 Jun 2017 2:45
Operator : SJ/MA
Sample : I3665-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HA3-WC1

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

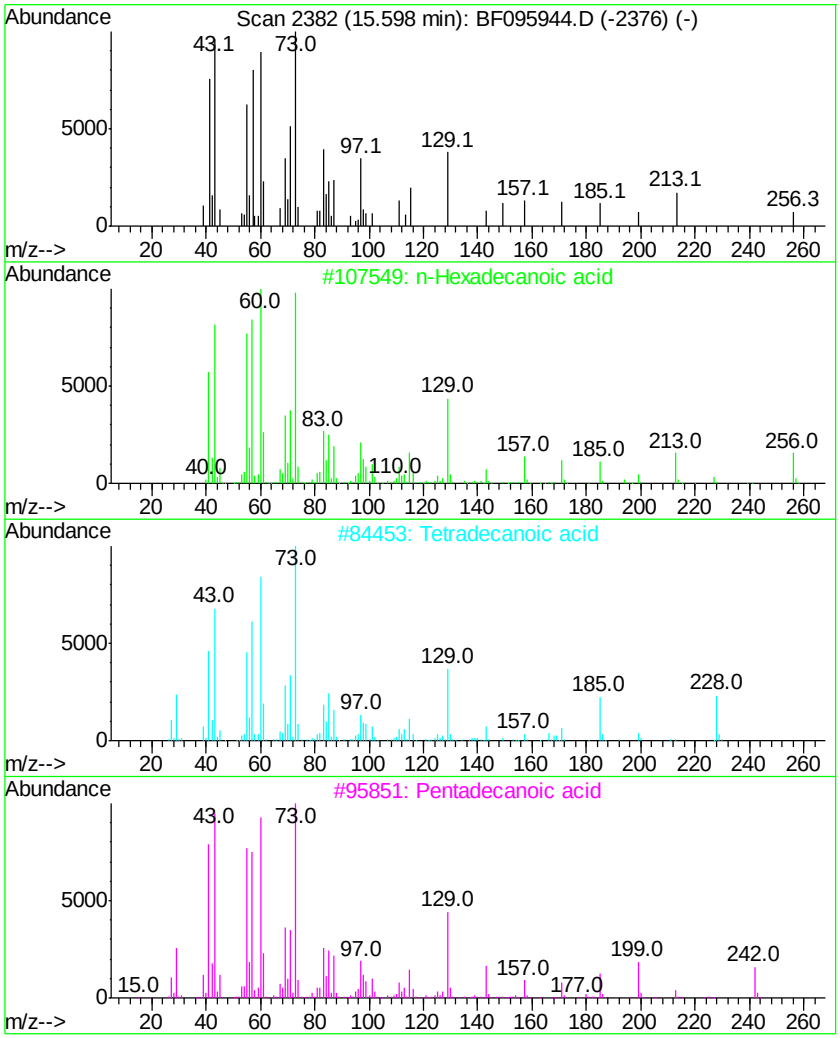
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

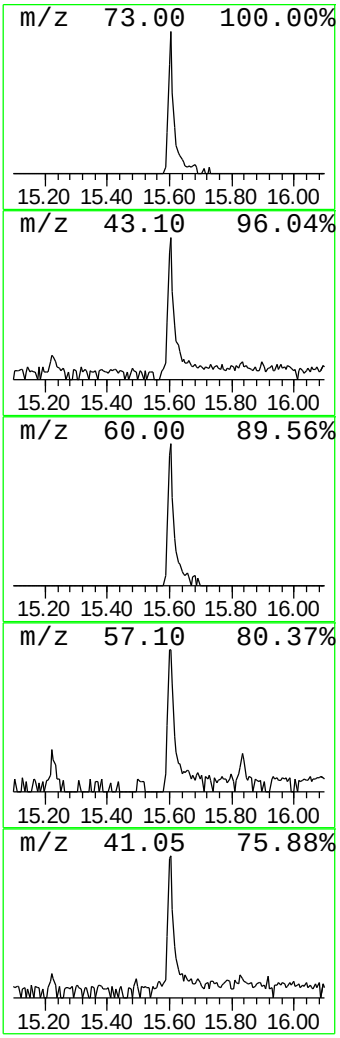
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	5.69 ng	114730	Phenanthrene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	2-Octane isothiocyanate	171	C9H17NS	069626-80-8	14





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Operator : SJ/MA
Sample : I3665-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HA3-WC1

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

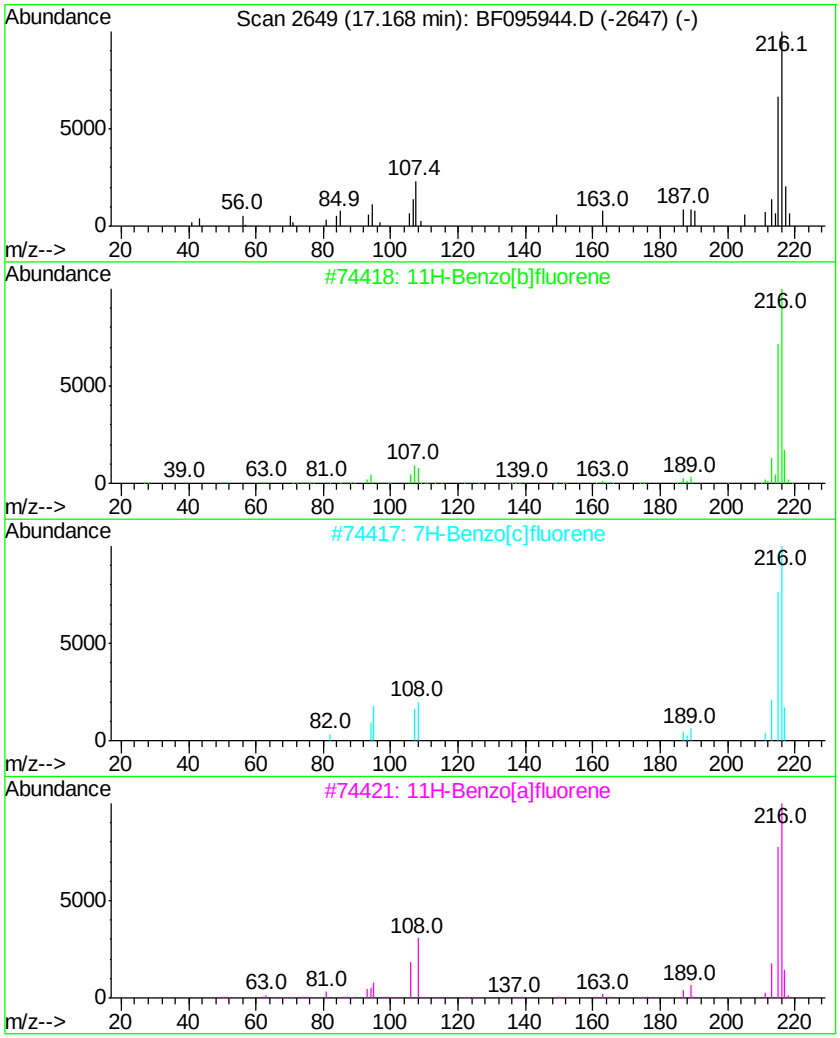
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

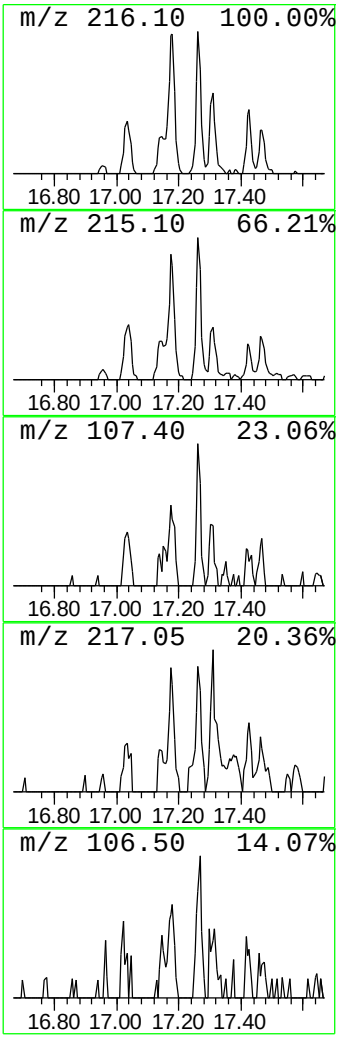
****

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	2.04 ng	61459	Chrysene-d12	18.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095944.D
Acq On : 15 Jun 2017 2:45
Operator : SJ/MA
Sample : I3665-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HA3-WC1

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

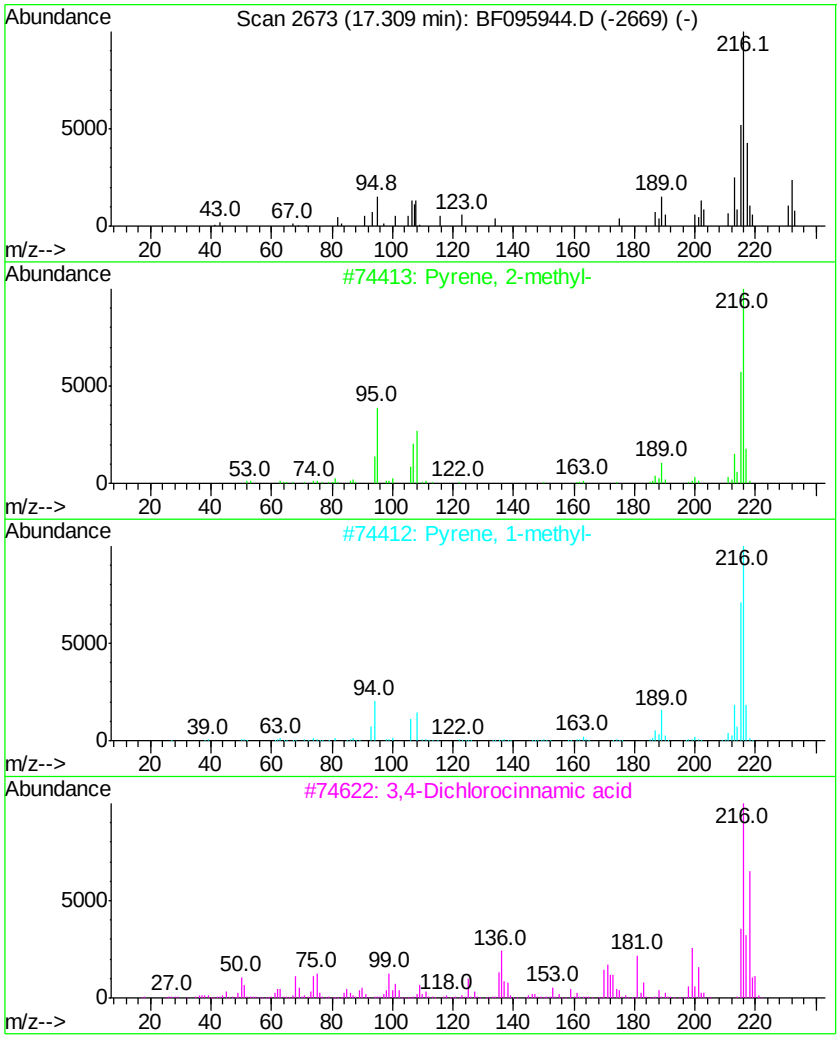
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

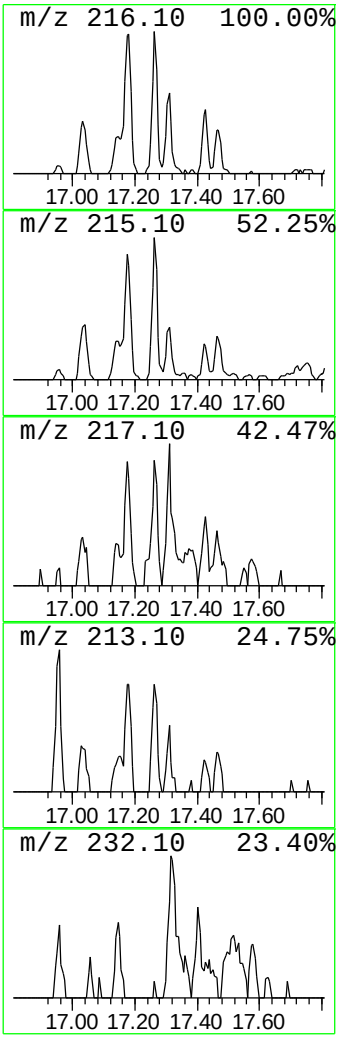
****

Peak Number 8 Pyrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	2.25 ng	67801	Chrysene-d12	18.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	55
3	3,4-Dichlorocinnamic acid	216	C9H6Cl2O2	001202-39-7	50
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	49
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	47





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Acq On : 15 Jun 2017 2:45
Operator : SJ/MA
Sample : I3665-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HA3-WC1

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

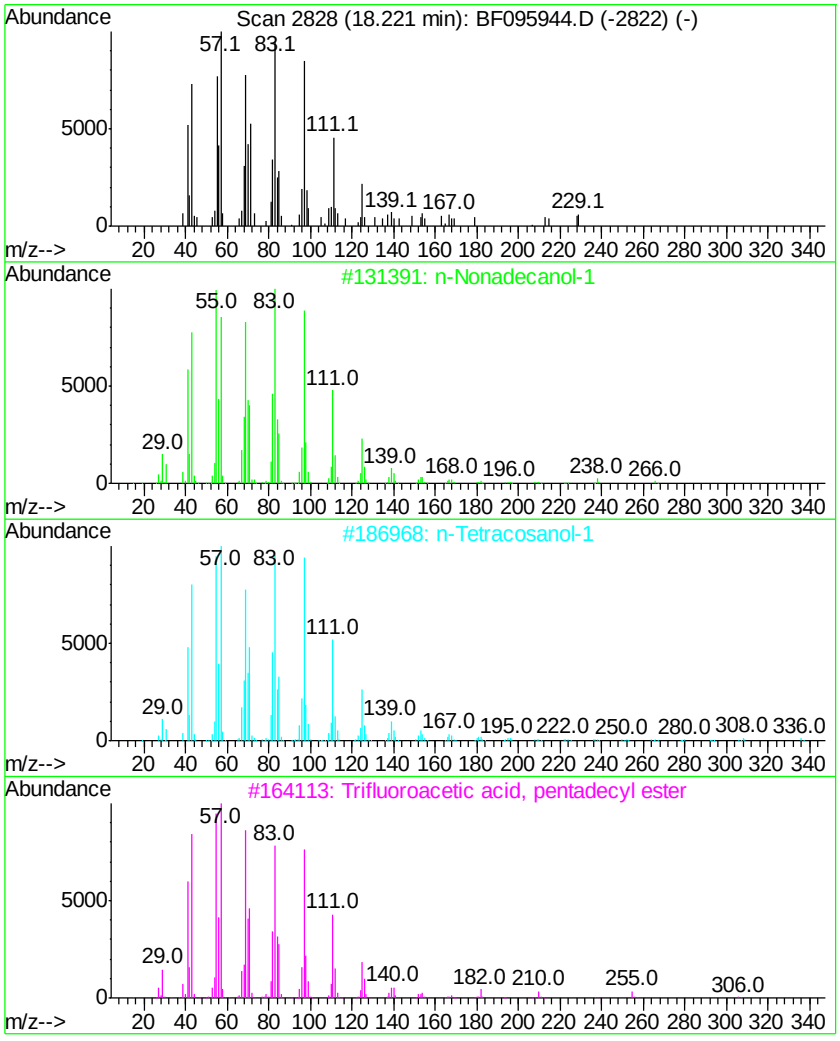
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

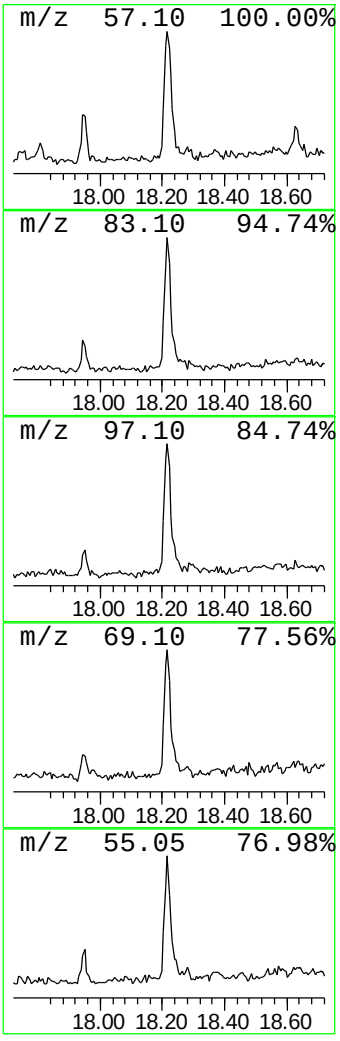
****

Peak Number 9 n-Nonadecanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	6.00 ng	180301	Chrysene-d12	18.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	94





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095944.D
Acq On : 15 Jun 2017 2:45
Operator : SJ/MA
Sample : I3665-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HA3-WC1

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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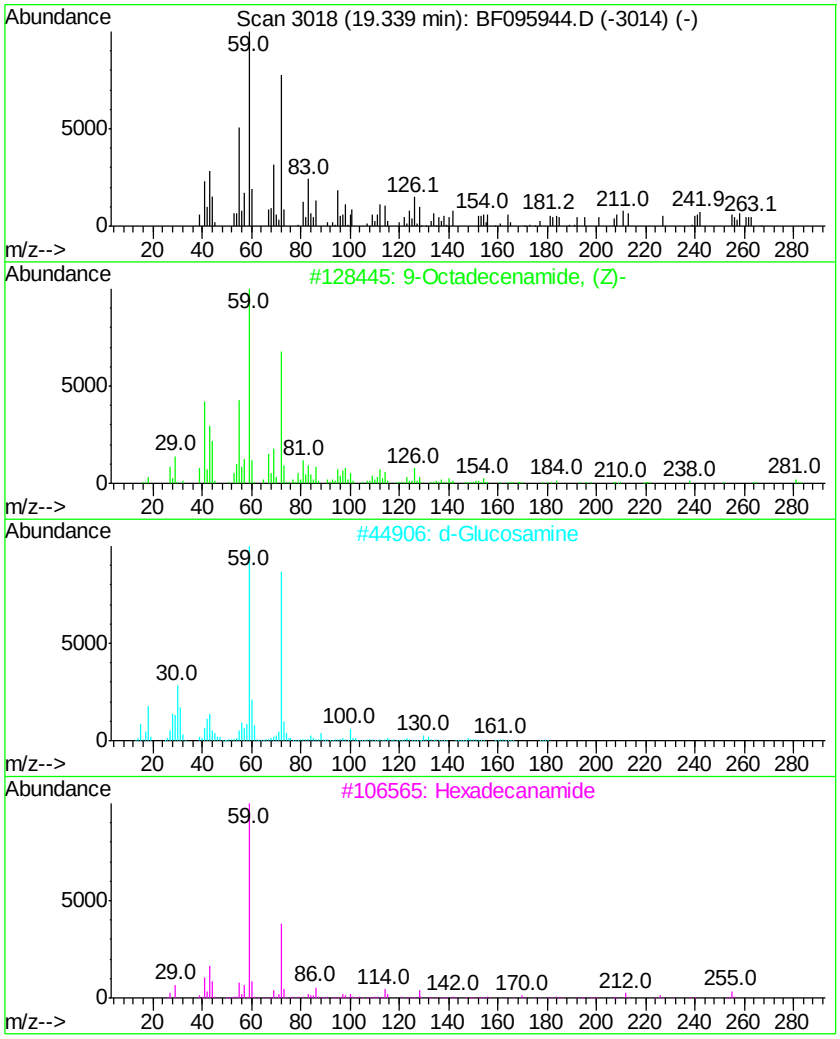
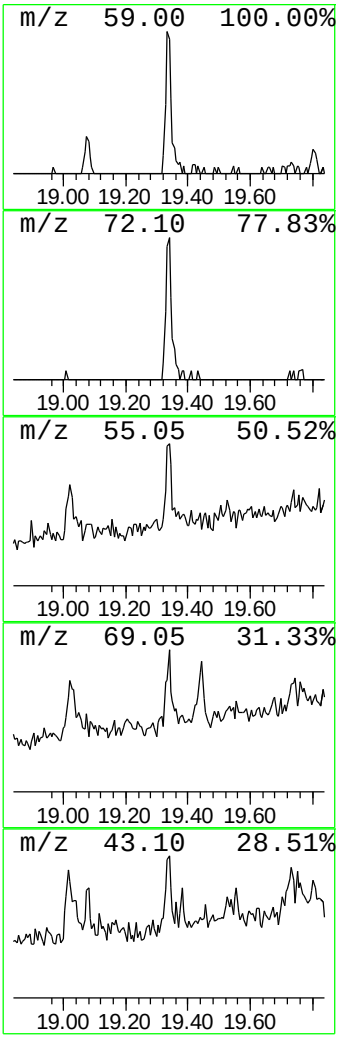
Peak Number 10 9-Octadecenamide, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	3.54 ng	56482	Perylene-d12	19.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
2	d-Glucosamine	179	C6H13NO5	000090-77-7	64
3	Hexadecanamide	255	C16H33NO	000629-54-9	45
4	Tetradecanamide	227	C14H29NO	000638-58-4	43
5	Dodecanamide	199	C12H25NO	001120-16-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061417\
Data File : BF095944.D
Acq On : 15 Jun 2017 2:45
Operator : SJ/MA
Sample : I3665-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HA3-WC1

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.53	6.6	ng	126041	1	7.33	382572	20.0
unknown6.99	6.99	86.4	ng	1653400	1	7.33	382572	20.0
Phenanthrene, 2-m...	15.43	2.1	ng	41610	4	14.58	403310	20.0
4H-Cyclopenta[def...	15.54	3.9	ng	77934	4	14.58	403310	20.0
n-Hexadecanoic acid	15.60	5.7	ng	114730	4	14.58	403310	20.0
11H-Benzo[b]fluorene	17.17	2.0	ng	61459	5	18.30	601354	20.0
Pyrene, 2-methyl-	17.31	2.3	ng	67801	5	18.30	601354	20.0
n-Nonadecanol-1	18.22	6.0	ng	180301	5	18.30	601354	20.0
9-Octadecenamide,...	19.34	3.5	ng	56482	6	19.97	319197	20.0