LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095801.D
Acq On : 9 Jun 2017 00:46
Operator : SJ/MA
Sample : I3526-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-060717

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	4.557	502	505	519	rBV	28842	71578	1.63%	0.362%
2	5.257	621	624	655	rBV	344576	771151	17.58%	3.899%
3	6.922	904	907	920	rBV	406963	736620	16.79%	3.724%
4	7.022	920	924	939	rVB	593804	934863	21.31%	4.727%
5	7.363	978	982	996	rBV	313401	426217	9.71%	2.155%
6	7.604	1018	1023	1042	rBV	484675	660665	15.06%	3.340%
7	8.280	1134	1138	1157	rBV	293368	468700	10.68%	2.370%
8	9.398	1323	1328	1342	rBV	452223	597144	13.61%	3.019%
9	11.174	1625	1630	1640	rVB	763156	943499	21.50%	4.770%
10	11.868	1744	1748	1755	rBV	119110	151993	3.46%	0.768%
11	12.221	1803	1808	1813	rBV2	479264	595539	13.57%	3.011%
12	13.509	2024	2027	2036	rBV	296430	427024	9.73%	2.159%
13	14.609	2210	2214	2218	rBV	395848	489254	11.15%	2.474%
14	14.651	2218	2221	2229	rVB	104246	141079	3.22%	0.713%
15	14.745	2233	2237	2246	rVB	35524	50932	1.16%	0.258%
16	15.421	2343	2352	2356	rBV	1096718	1346151	30.68%	6.806%
17	15.633	2382	2388	2397	rVB4	50953	87885	2.00%	0.444%
18	16.403	2506	2519	2521	rBV	2835572	4387418	100.00%	22.183%
19	16.439	2521	2525	2528	rVB2	2291047	2648554	60.37%	13.391%
20	16.556	2537	2545	2548	rBV	551172	620605	14.15%	3.138%
21	16.733	2570	2575	2583	rBV	249172	304813	6.95%	1.541%
22	16.986	2613	2618	2625	rVB	594450	678724	15.47%	3.432%
23	17.180	2643	2651	2653	rBV7	24659	44989	1.03%	0.227%
24	17.209	2653	2656	2662	rVB2	42372	57749	1.32%	0.292%
25	17.297	2665	2671	2674	rBV3	40598	63720	1.45%	0.322%
26	17.339	2674	2678	2683	rVV4	47119	81607	1.86%	0.413%
27	17.403	2686	2689	2694	rVB4	38649	59868	1.36%	0.303%
28	17.521	2706	2709	2712	rVB	47858	49322	1.12%	0.249%
29	18.050	2794	2799	2806	rVV	130747	182910	4.17%	0.925%
30	18.256	2828	2834	2839	rVB10	23403	52355	1.19%	0.265%
31	18.327	2840	2846	2850	rBV2	446702	628965	14.34%	3.180%
32	18.362	2850	2852	2859	rVB3	108166	183190	4.18%	0.926%
33	18.839	2928	2933	2936	rVV	40159	54322	1.24%	0.275%
34	19.597	3058	3062	3065	rBV	109250	160557	3.66%	0.812%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095801.D
Acq On : 9 Jun 2017 00:46
Operator : SJ/MA
Sample : I3526-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-060717

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	19.886	3108	3111	3115	rVB	66539	69900	1.59%	0.353%
36	19.944	3118	3121	3125	rVB	104753	107558	2.45%	0.544%
37	19.997	3126	3130	3134	rBV	317315	366287	8.35%	1.852%
38	21.180	3328	3331	3339	rVB2	47093	74312	1.69%	0.376%

Sum of corrected areas: 19778019

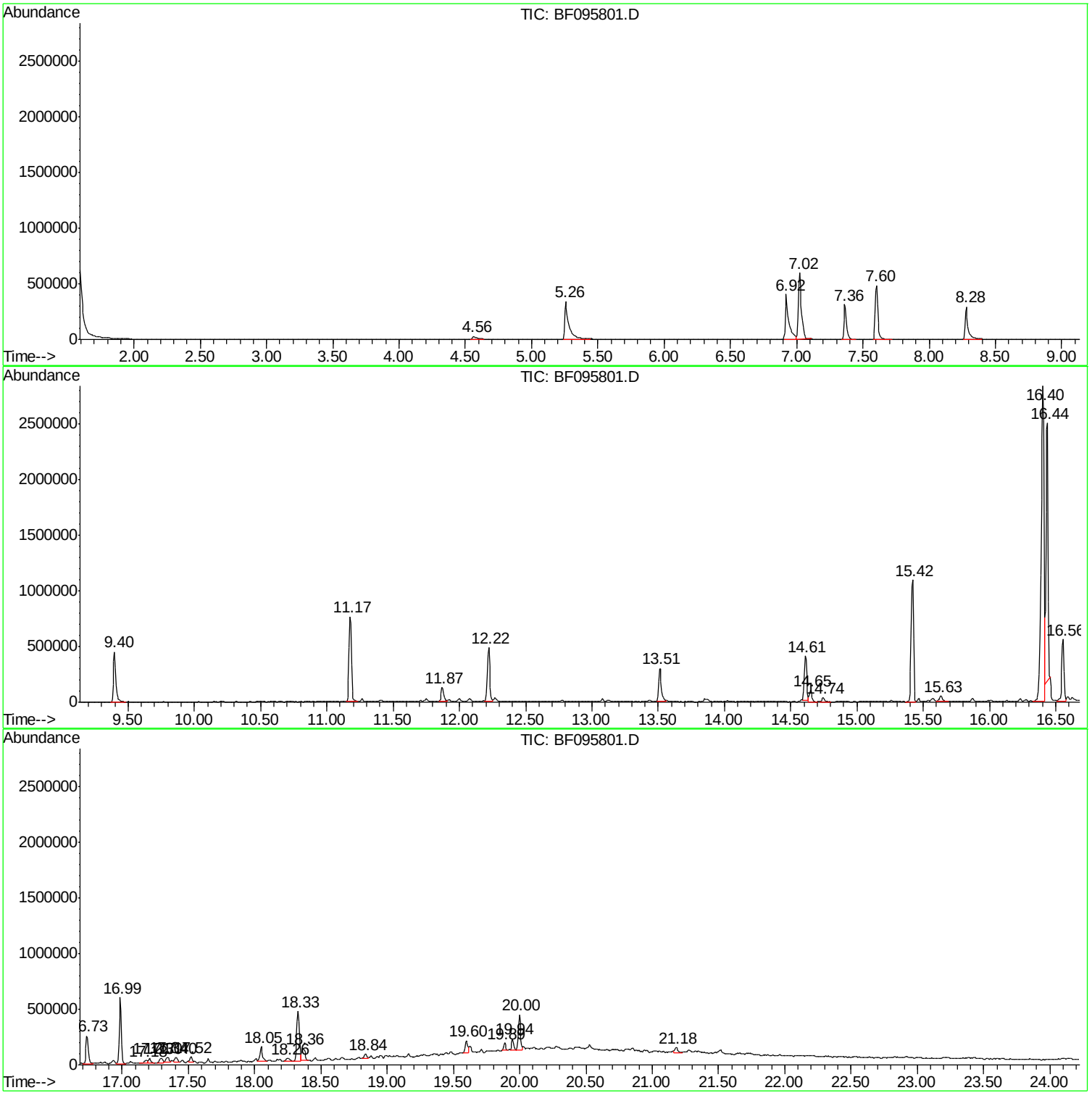
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095801.D
Acq On : 9 Jun 2017 00:46
Operator : SJ/MA
Sample : I3526-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-01-060717

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095801.D
Acq On : 9 Jun 2017 00:46
Operator : SJ/MA
Sample : I3526-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-060717

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

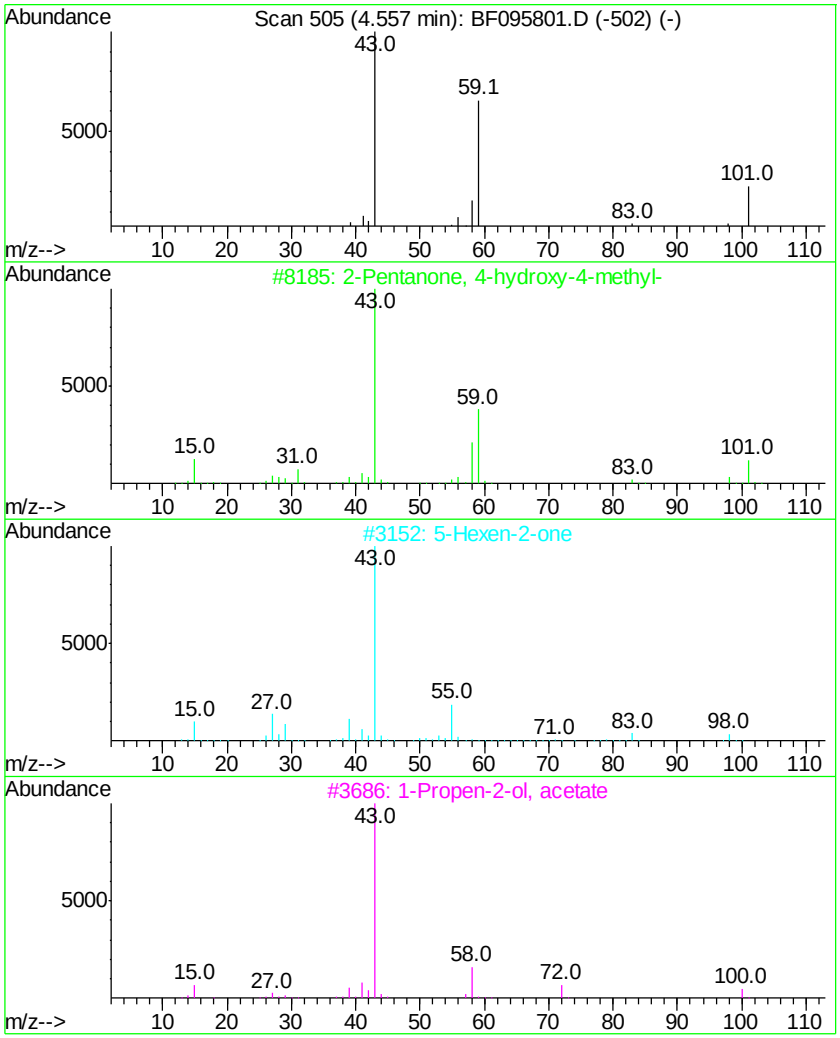
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

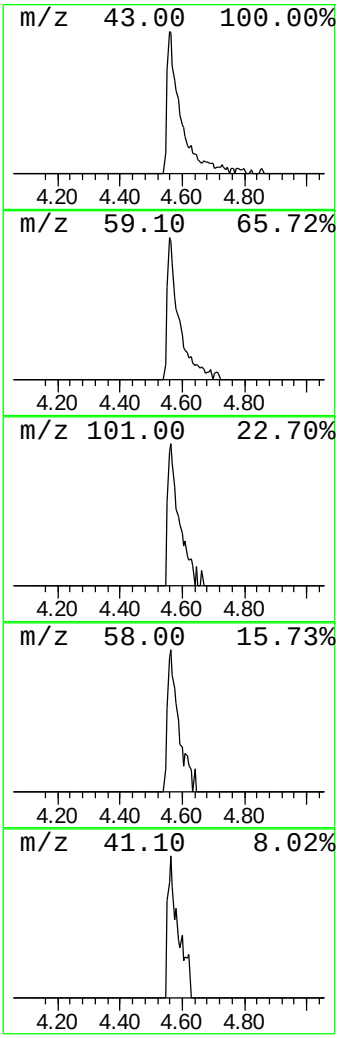
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	3.36 ng	71578	1,4-Dichlorobenzene-d4	7.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
4	Acetone	58	C3H6O	000067-64-1	7
5	Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	5





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095801.D
Acq On : 9 Jun 2017 00:46
Operator : SJ/MA
Sample : I3526-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-060717

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

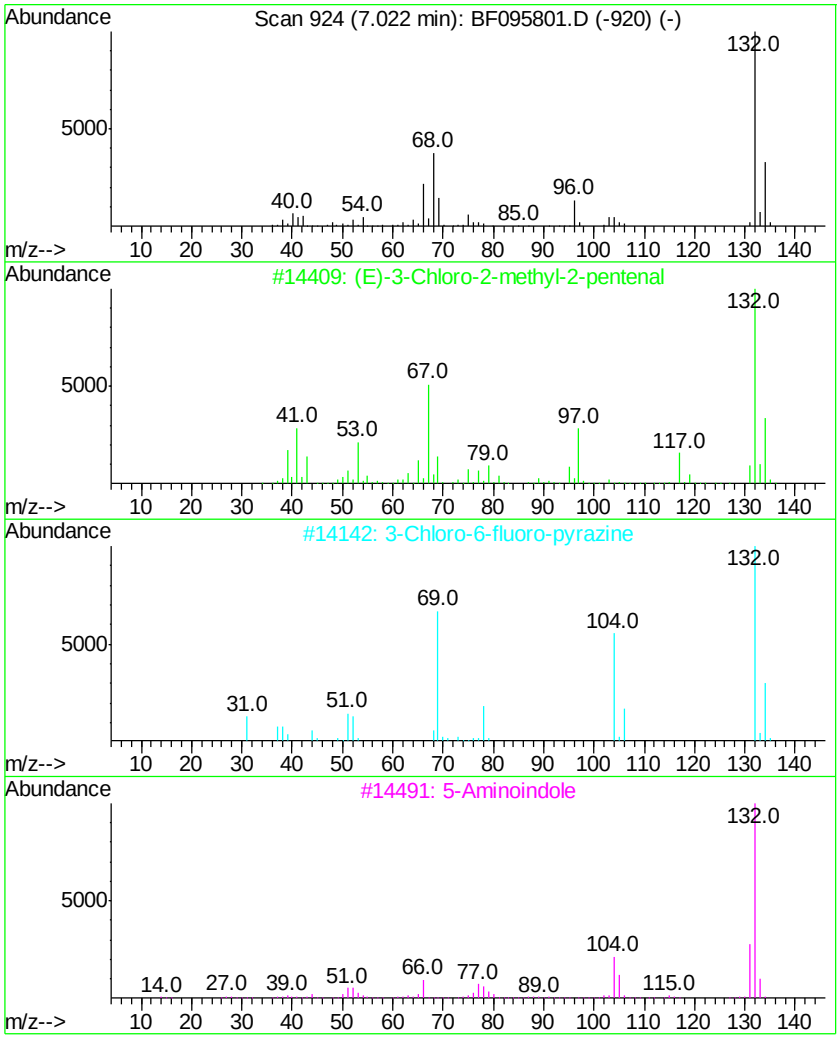
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

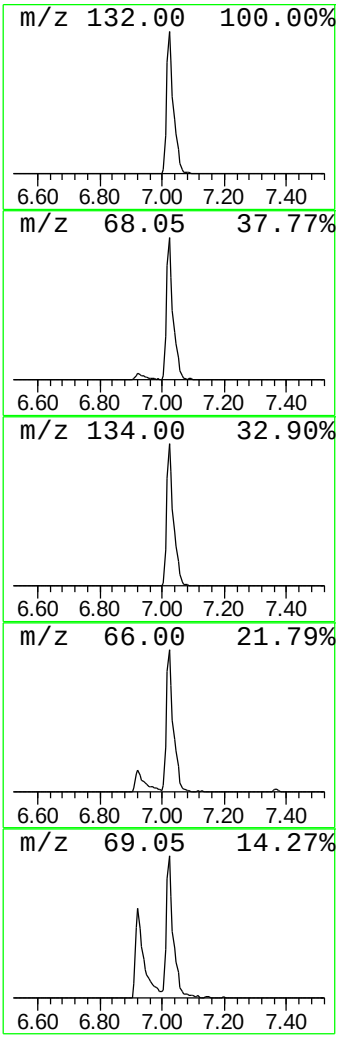
****

Peak Number 2 unknown7.02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	43.87 ng	934863	1,4-Dichlorobenzene-d4	7.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095801.D
Acq On : 9 Jun 2017 00:46
Operator : SJ/MA
Sample : I3526-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-060717

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

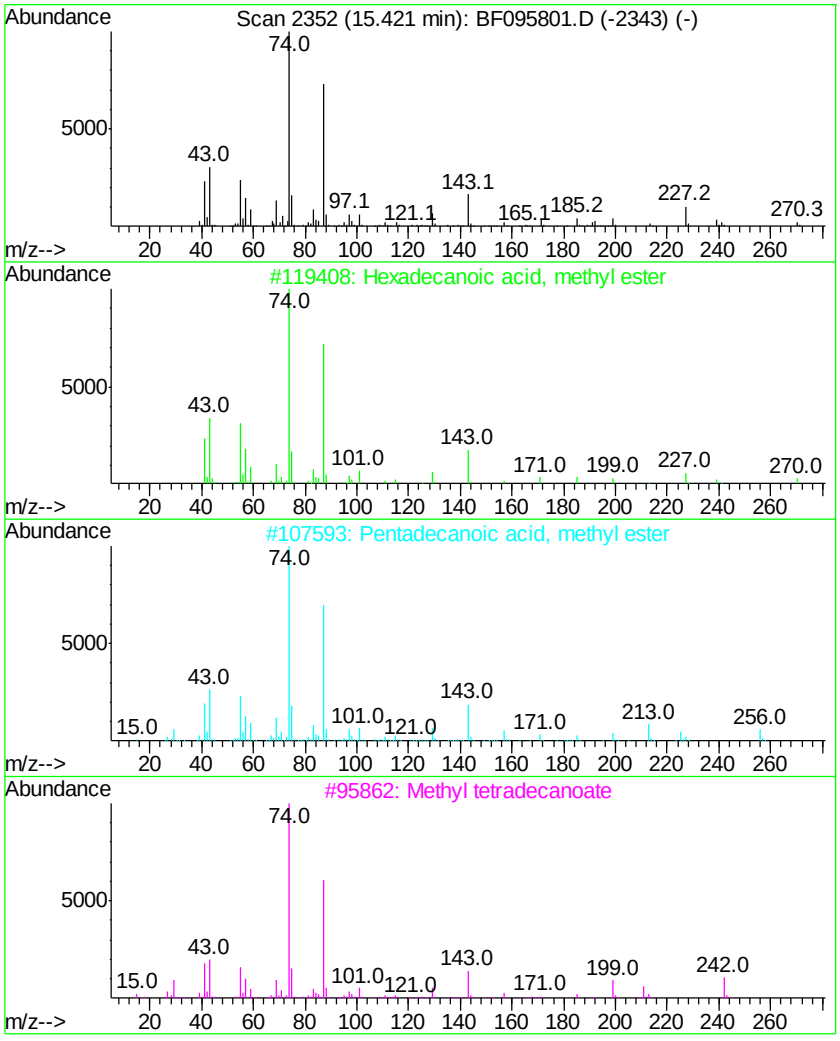
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

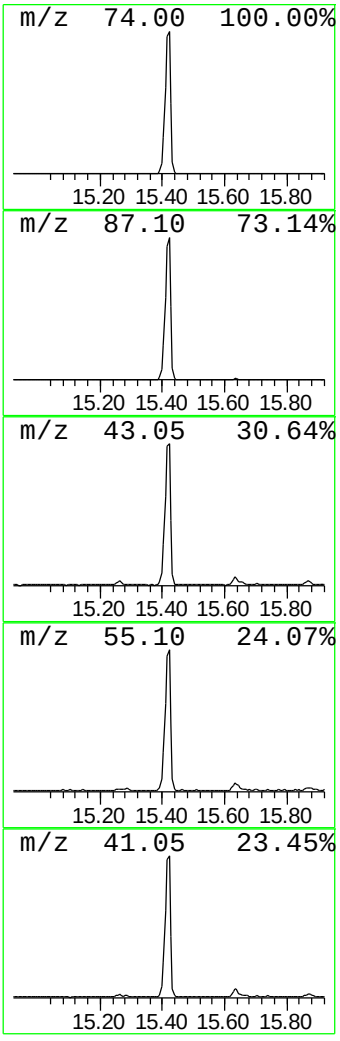
****

Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	55.03 ng	1346150	Phenanthrene-d10	14.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
4	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	80
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095801.D
Acq On : 9 Jun 2017 00:46
Operator : SJ/MA
Sample : I3526-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-060717

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

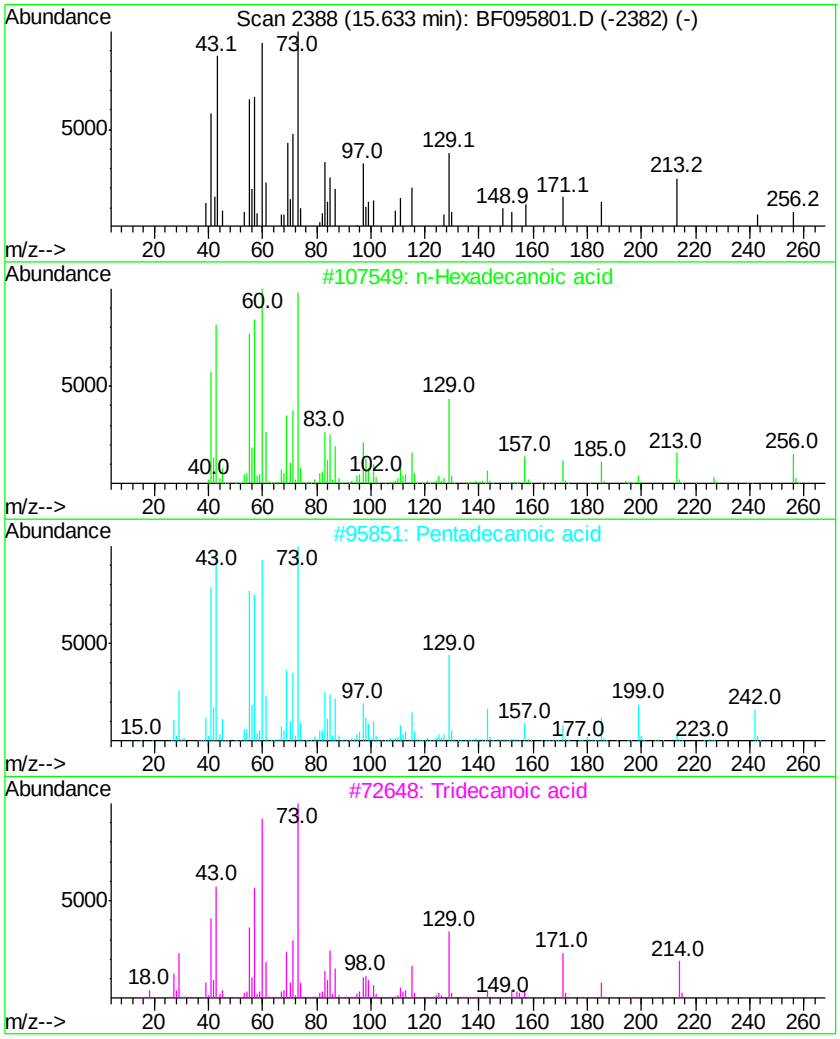
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

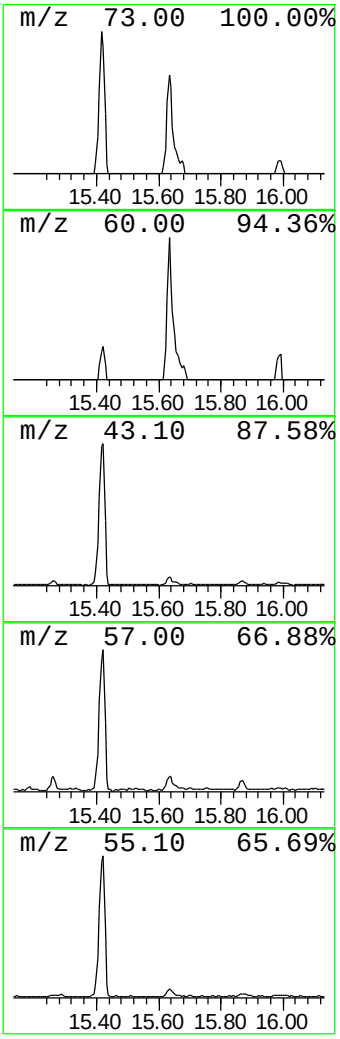
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	3.59 ng	87885	Phenanthrene-d10	14.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095801.D
Acq On : 9 Jun 2017 00:46
Operator : SJ/MA
Sample : I3526-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-060717

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

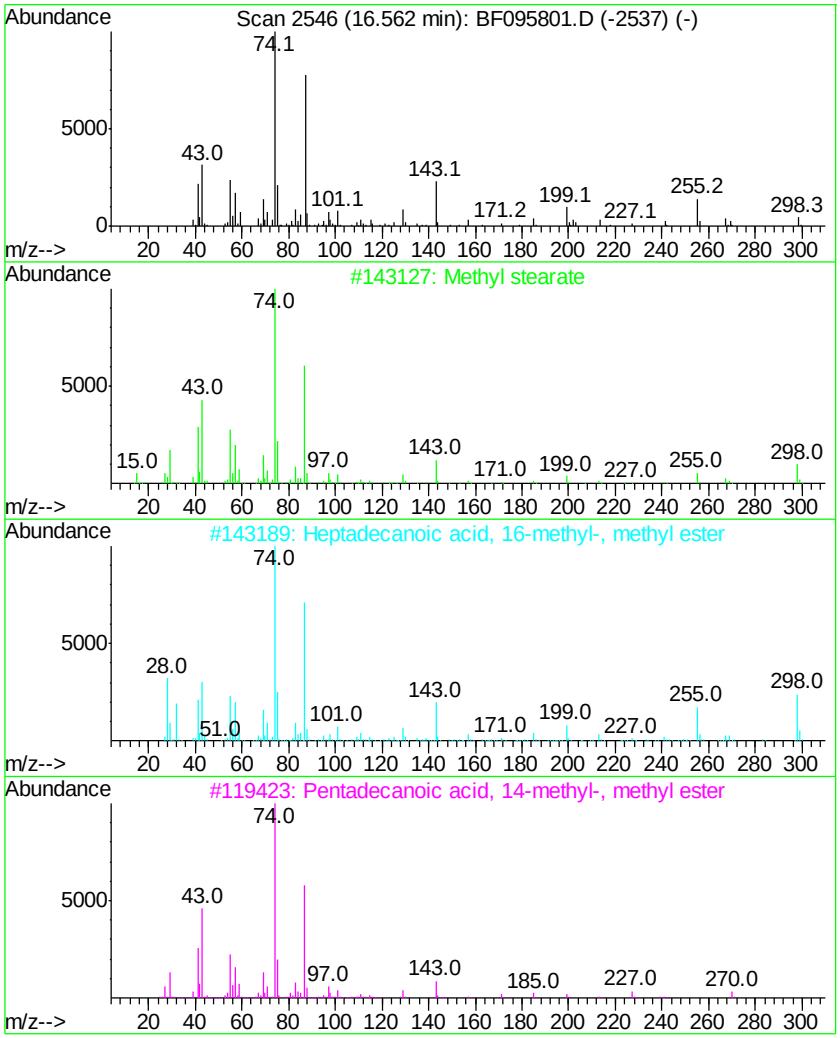
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

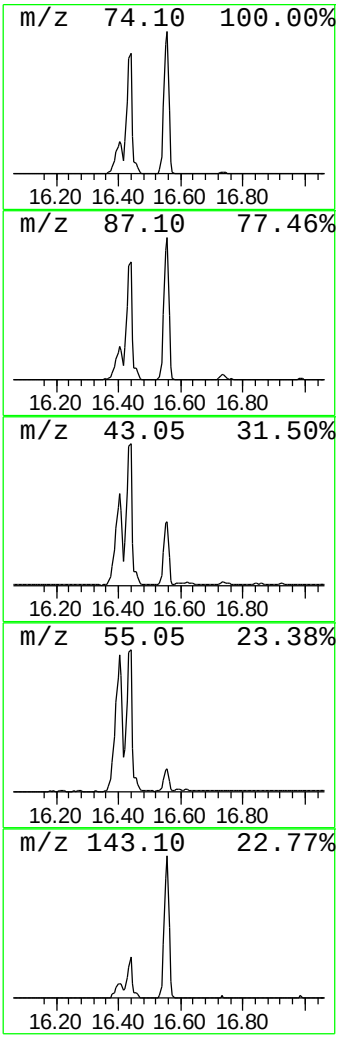
****

Peak Number 7 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	19.73 ng	620605	Chrysene-d12	18.33

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	94
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095801.D
Acq On : 9 Jun 2017 00:46
Operator : SJ/MA
Sample : I3526-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-060717

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

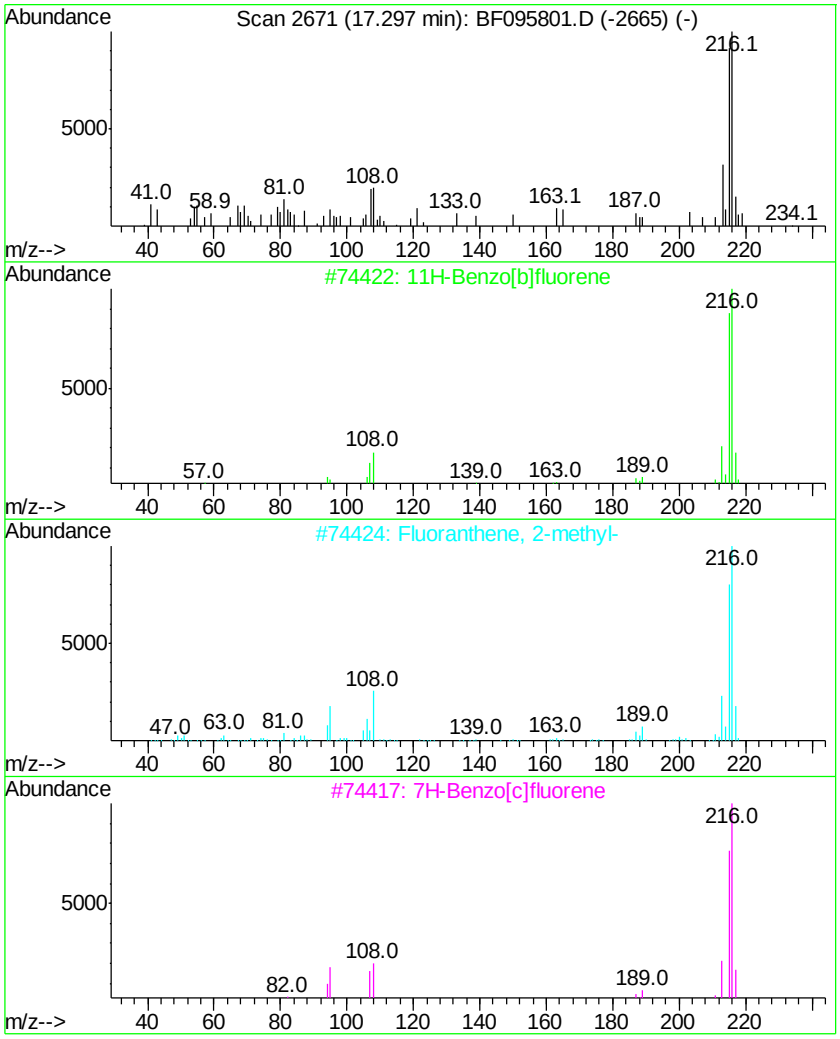
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

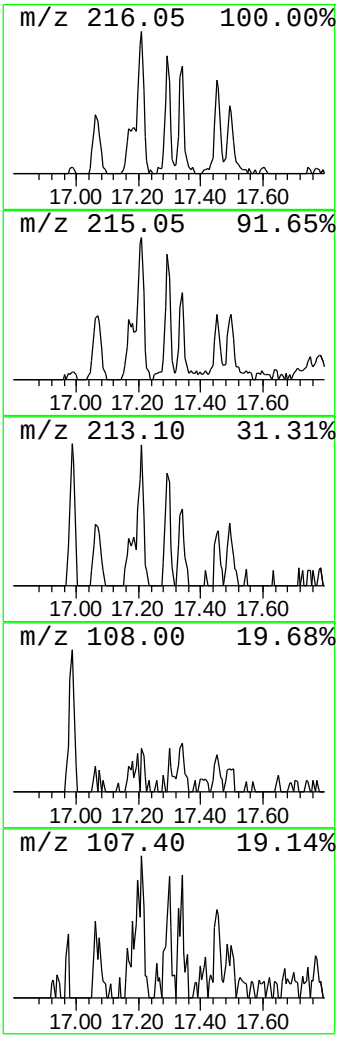
****

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	2.03 ng	63720	Chrysene-d12	18.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095801.D
Acq On : 9 Jun 2017 00:46
Operator : SJ/MA
Sample : I3526-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-060717

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

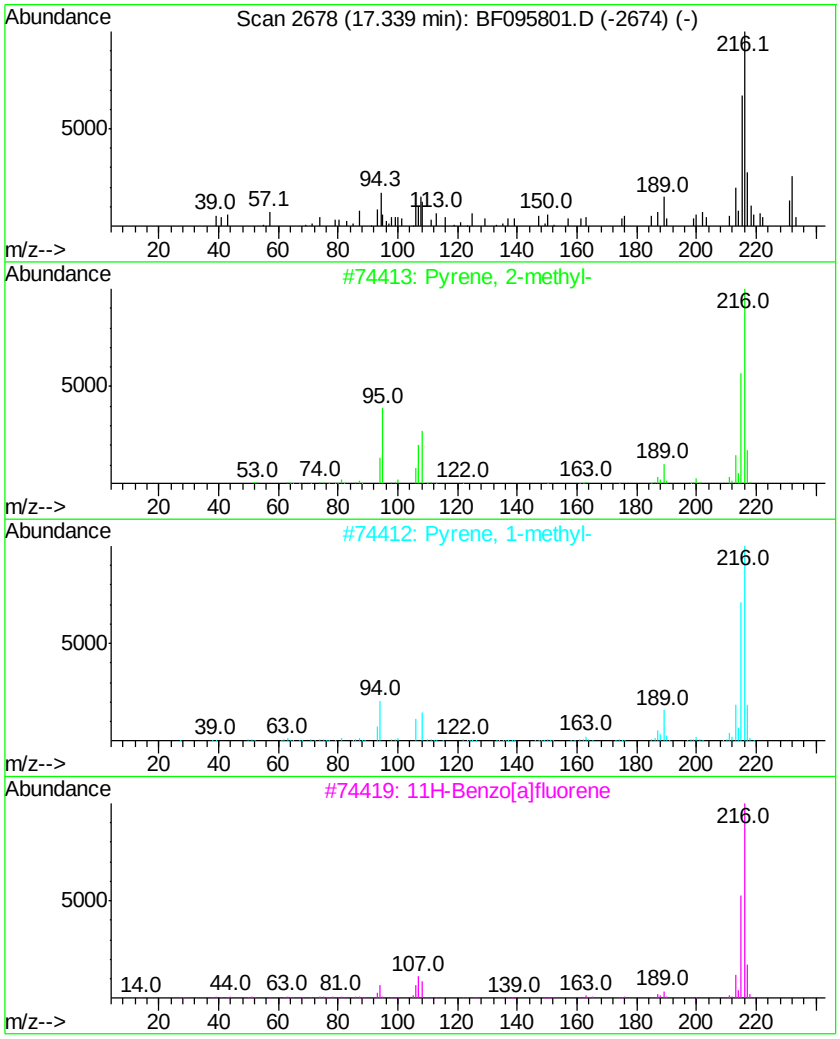
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

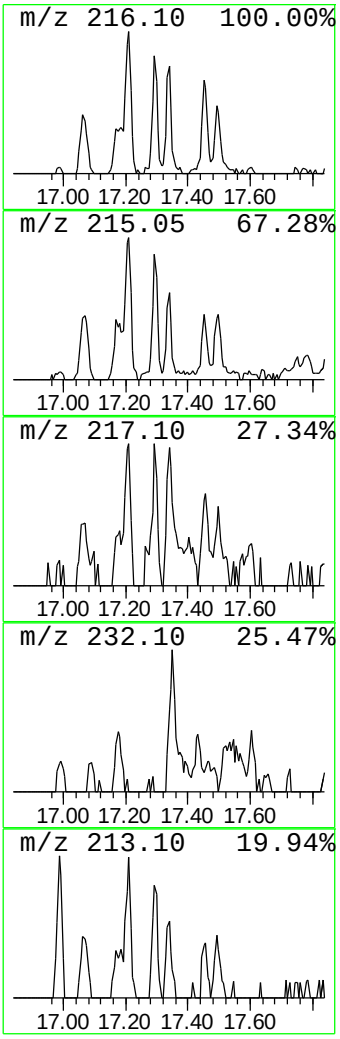
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.34	2.59 ng	81607	Chrysene-d12	18.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	49
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095801.D
Acq On : 9 Jun 2017 00:46
Operator : SJ/MA
Sample : I3526-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-060717

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

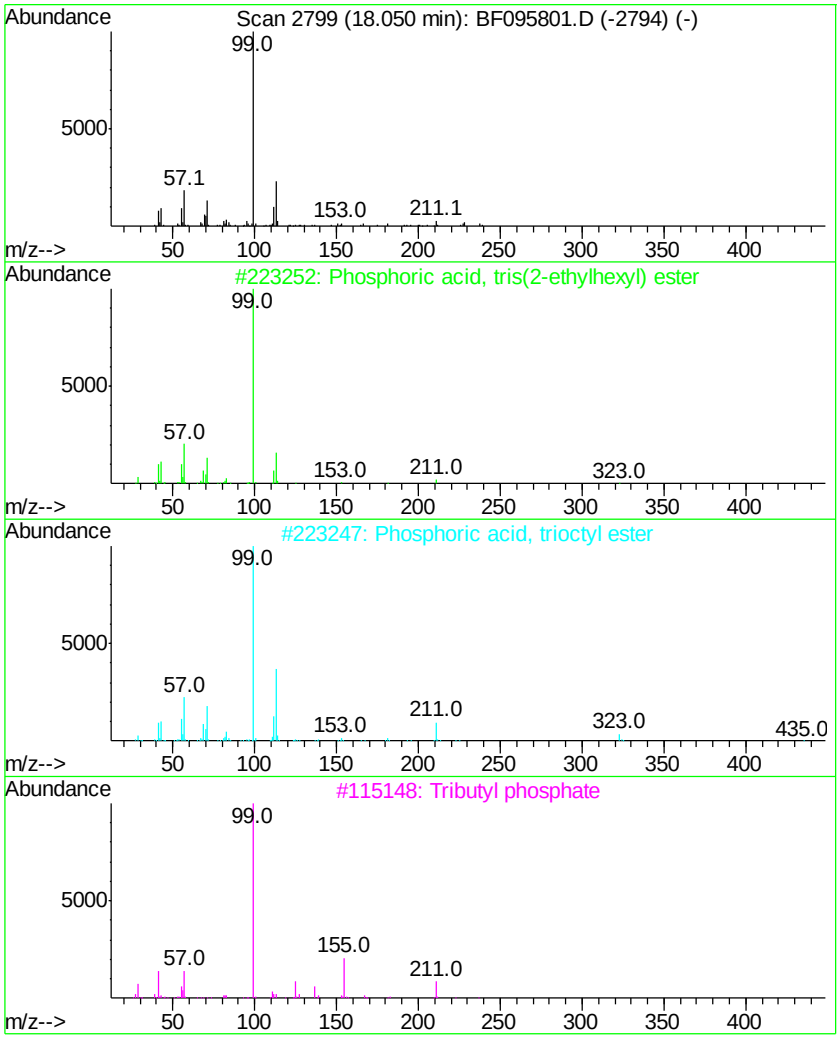
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

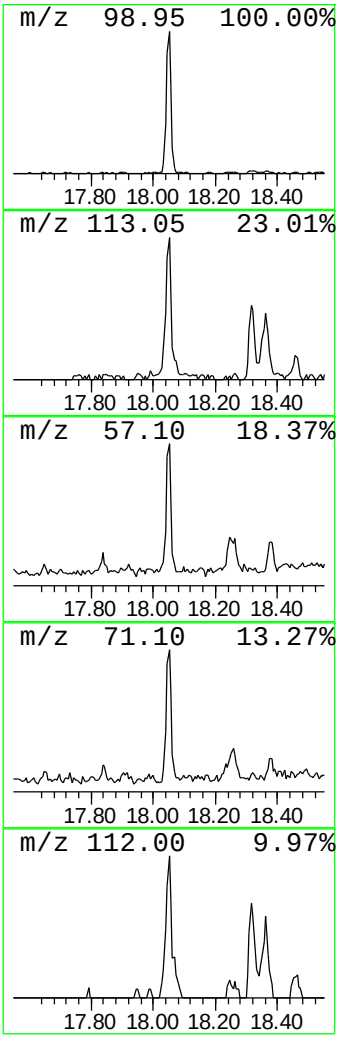
****

Peak Number 10 Phosphoric acid, tris(2-eth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	5.82 ng	182910	Chrysene-d12	18.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(2-ethylhex...	434	C24H51O4P	000078-42-2	80
2	Phosphoric acid, trioctyl ester	434	C24H51O4P	001806-54-8	50
3	Tributyl phosphate	266	C12H27O4P	000126-73-8	40
4	n-Heptyl methylphosphonofluoridate	196	C8H18FO2P	162085-82-7	37
5	Bis(2-ethylhexyl)hydrogen phosphate	322	C16H35O4P	000298-07-7	37





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095801.D
Acq On : 9 Jun 2017 00:46
Operator : SJ/MA
Sample : I3526-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-060717

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

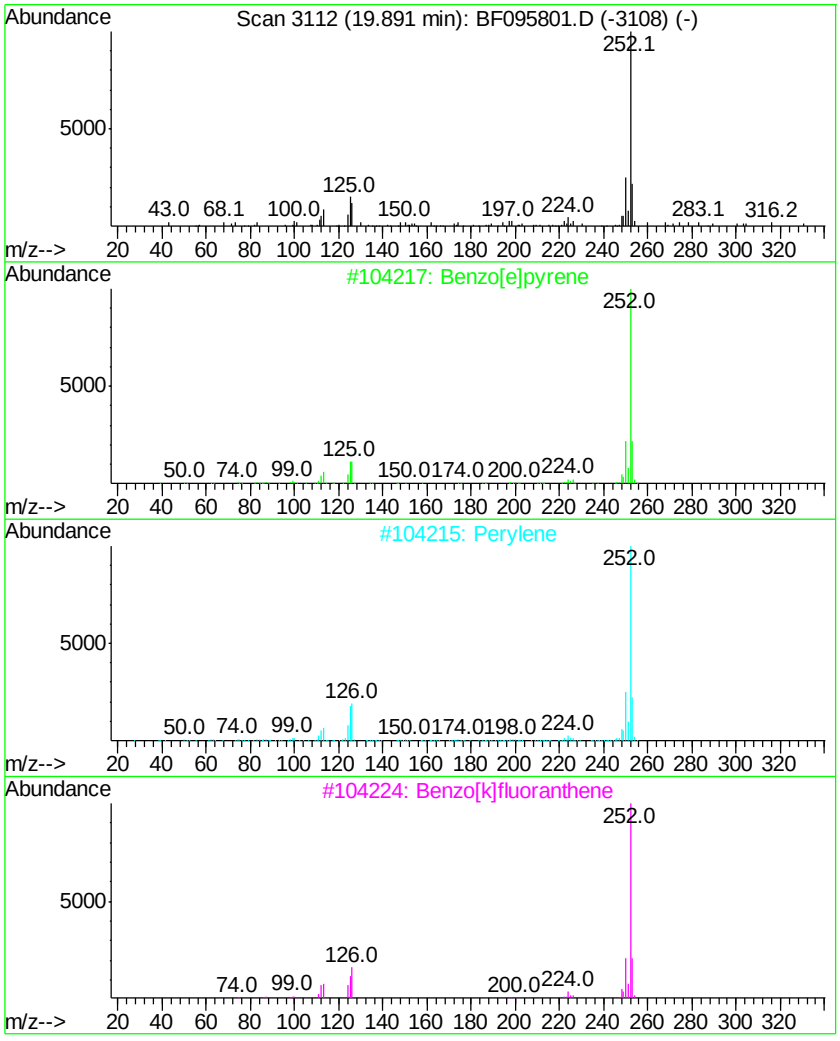
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

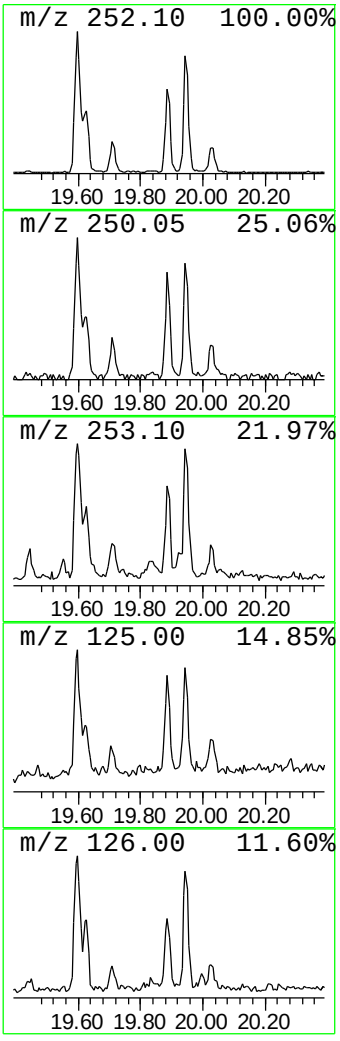
****

Peak Number 11 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	3.82 ng	69900	Perylene-d12	20.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Perylene	252	C20H12	000198-55-0	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060817\
Data File : BF095801.D
Acq On : 9 Jun 2017 00:46
Operator : SJ/MA
Sample : I3526-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-060717

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...	4.56	3.4	ng	71578	1	7.36	426217	20.0
unknown7.02	7.02	43.9	ng	934863	1	7.36	426217	20.0
Hexadecanoic acid...	15.42	55.0	ng	1346150	4	14.61	489254	20.0
n-Hexadecanoic acid	15.63	3.6	ng	87885	4	14.61	489254	20.0
Methyl stearate	16.56	19.7	ng	620605	5	18.33	628965	20.0
11H-Benzo[b]fluorene	17.30	2.0	ng	63720	5	18.33	628965	20.0
Pyrene, 2-methyl-	17.34	2.6	ng	81607	5	18.33	628965	20.0
Phosphoric acid, ...	18.05	5.8	ng	182910	5	18.33	628965	20.0
Benzo[e]pyrene	19.89	3.8	ng	69900	6	20.00	366287	20.0