LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085326.D
Acq On : 10 Mar 2016 4:14
Operator : UM/SJ
Sample : H1699-05 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTECHAR(COMPOSITE)

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-BF030316.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	5.121	247	248	252	rVB	110901	118803	7.45%	0.774%
2	5.533	282	284	287	rBV	515677	502876	31.54%	3.277%
3	6.562	372	374	376	rBV	572079	546787	34.29%	3.563%
4	6.710	384	387	389	rBV	475053	578544	36.29%	3.770%
5	6.939	405	407	410	rBV	906612	1037467	65.07%	6.760%
6	7.099	419	421	423	rVB	572249	469280	29.43%	3.058%
7	7.213	429	431	434	rBV	11036	17314	1.09%	0.113%
8	7.499	454	456	458	rBV	436589	355926	22.32%	2.319%
9	7.579	461	463	466	rVB2	20842	26147	1.64%	0.170%
10	8.230	517	520	522	rBV	1746670	1493055	93.64%	9.728%
11	8.287	522	525	526	rVV	32013	36572	2.29%	0.238%
12	8.322	526	528	532	rVB4	9590	19761	1.24%	0.129%
13	8.516	542	545	549	rBV4	21522	37300	2.34%	0.243%
14	8.653	555	557	558	rBV	59004	60244	3.78%	0.393%
15	8.768	565	567	570	rBV4	13586	27261	1.71%	0.178%
16	8.836	570	573	574	rBV2	12100	23065	1.45%	0.150%
17	8.916	579	580	584	rVB2	24438	37185	2.33%	0.242%
18	9.008	584	588	589	rBV4	17248	37336	2.34%	0.243%
19	9.053	589	592	595	rVB5	15748	29396	1.84%	0.192%
20	9.133	595	599	601	rBV4	19479	42832	2.69%	0.279%
21	9.168	601	602	605	rBV2	18645	33646	2.11%	0.219%
22	9.248	608	609	612	rBV	78189	85439	5.36%	0.557%
23	9.305	612	614	616	rBV	846313	689194	43.23%	4.491%
24	9.385	619	621	624	rBV3	65985	100619	6.31%	0.656%
25	9.453	624	627	629	rBV2	16796	26570	1.67%	0.173%
26	9.510	629	632	633	rVB2	22931	32440	2.03%	0.211%
27	9.579	636	638	640	rVB3	20223	21905	1.37%	0.143%
28	9.648	640	644	645	rBV4	28413	68105	4.27%	0.444%
29	9.705	647	649	651	rBV2	206003	330594	20.73%	2.154%
30	9.853	659	662	664	rBV4	68153	111042	6.96%	0.724%
31	9.899	664	666	668	rVV2	110660	103770	6.51%	0.676%
32	9.991	671	674	676	rVV	1399276	1594408	100.00%	10.389%
33	10.025	676	677	681	rVB3	47713	82244	5.16%	0.536%
34	10.093	681	683	685	rVB2	66433	75450	4.73%	0.492%

LSC Area Percent Report

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Acq On : 10 Mar 2016 4:14
Operator : UM/SJ
Sample : H1699-05 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTECHAR(COMPOSITE)

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-BF030316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.139	685	687	689	rBV3	31435	72457	4.54%	0.472%
36	10.185	689	691	692	rBV2	54572	64610	4.05%	0.421%
37	10.242	695	696	700	rVB3	52221	70847	4.44%	0.462%
38	10.299	700	701	702	rBV	64566	74701	4.69%	0.487%
39	10.391	707	709	712	rBV3	73678	138252	8.67%	0.901%
40	10.448	712	714	715	rBV	34635	32625	2.05%	0.213%
41	10.528	719	721	724	rBV4	59959	98955	6.21%	0.645%
42	10.642	728	731	733	rBV	96556	147902	9.28%	0.964%
43	10.688	733	735	737	rVB2	42743	55631	3.49%	0.362%
44	10.768	740	742	744	rBV2	328569	374592	23.49%	2.441%
45	10.905	751	754	756	rBV	460598	437386	27.43%	2.850%
46	10.973	758	760	761	rBV2	39923	48560	3.05%	0.316%
47	11.111	770	772	774	rBV3	49481	71112	4.46%	0.463%
48	11.373	792	795	797	rVB	214879	277392	17.40%	1.807%
49	11.476	802	804	806	rBV	1414196	1485723	93.18%	9.680%
50	11.716	823	825	827	rBV2	88218	96528	6.05%	0.629%
51	12.688	907	910	912	rVB	163020	193732	12.15%	1.262%
52	12.916	928	930	933	rVB	139265	166819	10.46%	1.087%
53	13.054	940	942	947	rVB	472278	471177	29.55%	3.070%
54	13.957	1019	1021	1025	rVB	97280	120298	7.54%	0.784%
55	14.105	1032	1034	1037	rBV	615053	837964	52.56%	5.460%
56	14.277	1047	1049	1051	rBV	40640	48660	3.05%	0.317%
57	15.145	1123	1125	1129	rVB	76174	145036	9.10%	0.945%
58	15.511	1155	1157	1160	rBV	37315	55535	3.48%	0.362%
59	15.580	1160	1163	1165	rBV	529500	721738	45.27%	4.703%
60	16.037	1201	1203	1206	rBV	38413	72276	4.53%	0.471%
61	16.723	1261	1263	1266	rVB	49908	87559	5.49%	0.571%
62	17.431	1324	1325	1326	rBV	33005	26984	1.69%	0.176%

Sum of corrected areas: 15347628

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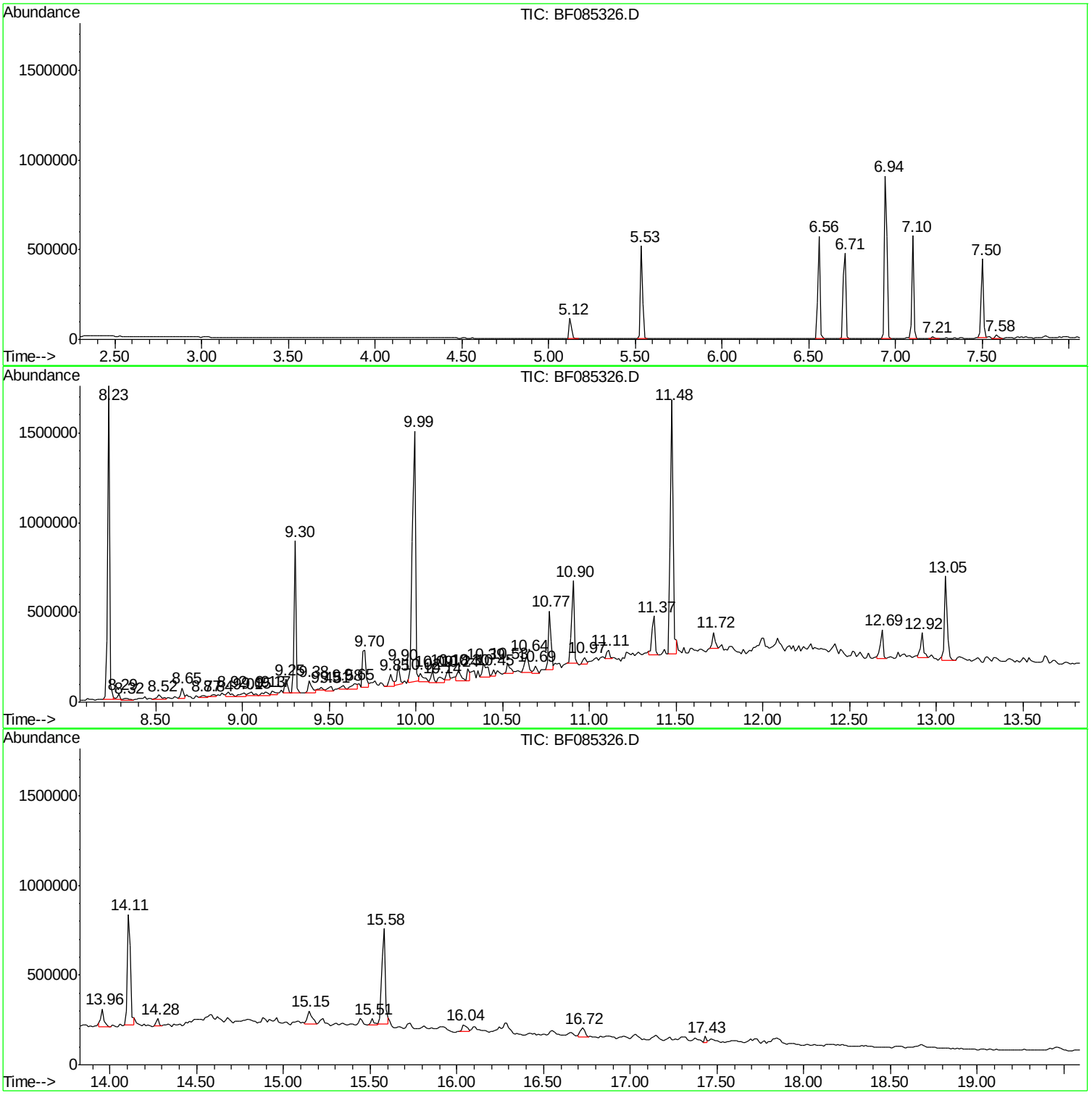
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTECHAR(COMPOSITE)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Misc :
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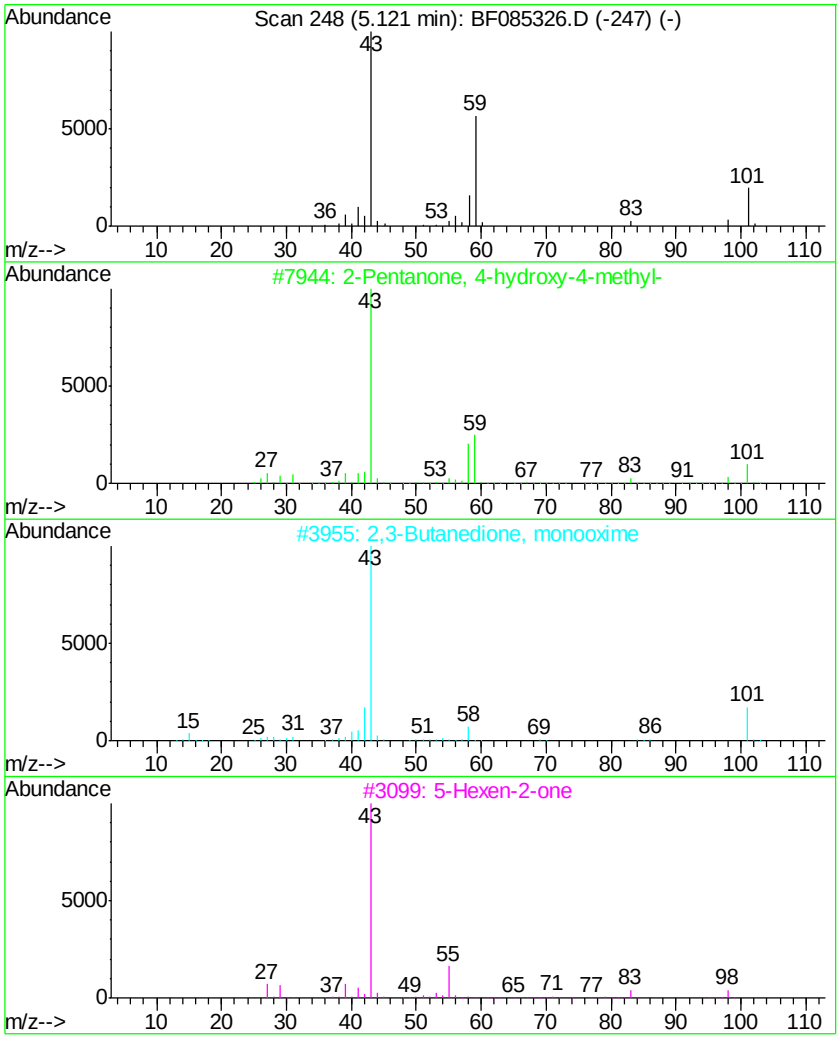
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

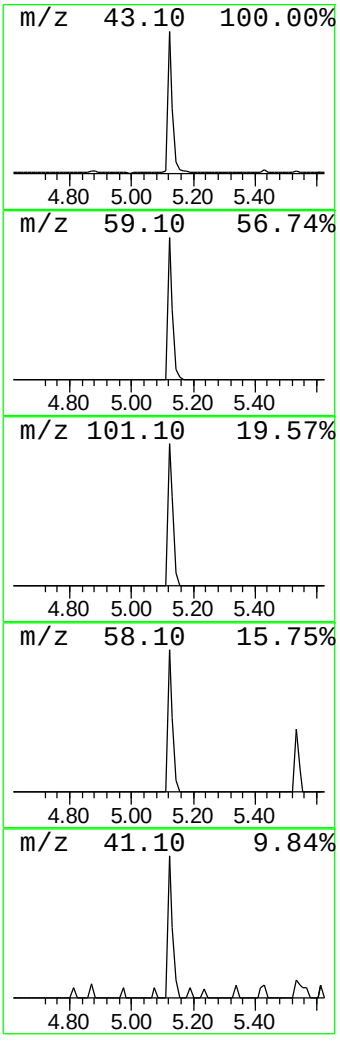
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	5.06 ng	118803	1,4-Dichlorobenzene-d4	7.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Acetone	58	C3H6O	000067-64-1	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085326.D
Acq On : 10 Mar 2016 4:14
Operator : UM/SJ
Sample : H1699-05 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTECHAR(COMPOSITE)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

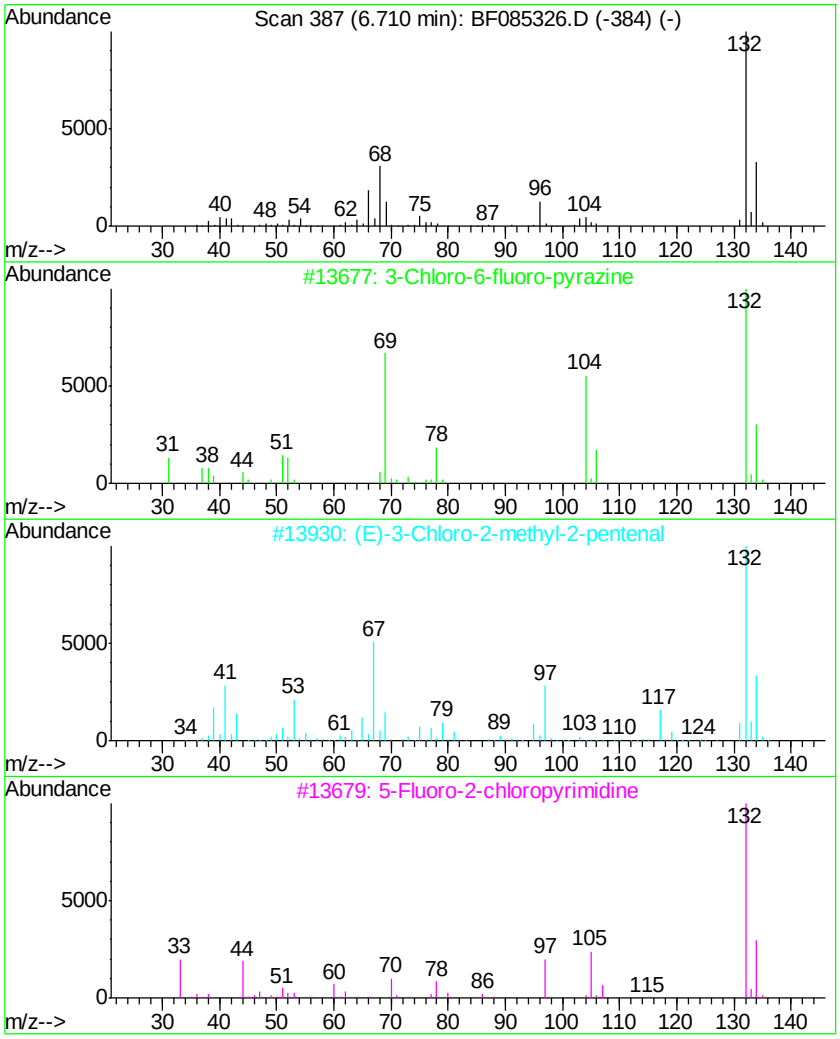
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

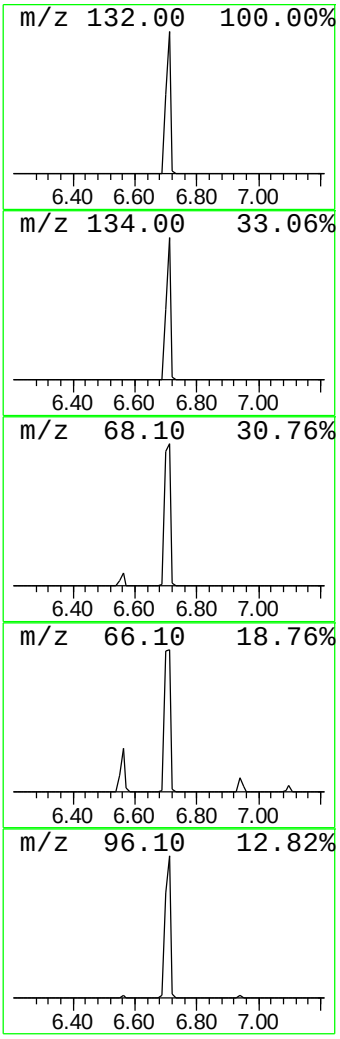
****

Peak Number 2 3-Chloro-6-fluoro-pyrazine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	24.66 ng	578544	1,4-Dichlorobenzene-d4	7.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	52
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	38
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	5-Aminoindole	132	C8H8N2	005192-03-0	9





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Sample : H1699-05 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTECHAR(COMPOSITE)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
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TIC Library : C:\DATABASE\NIST02.L
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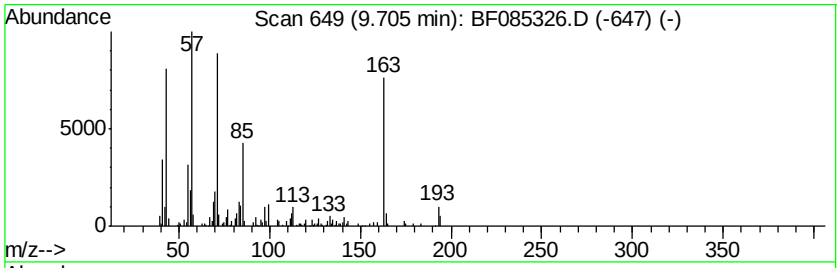
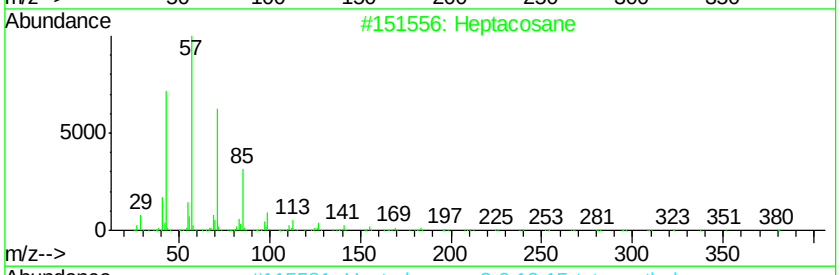
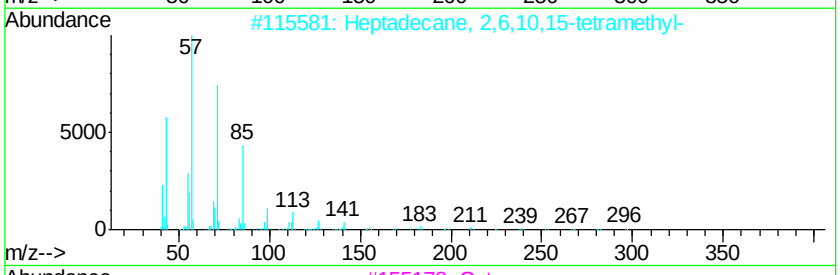
Peak Number 4 Heptacosane Concentration Rank 5

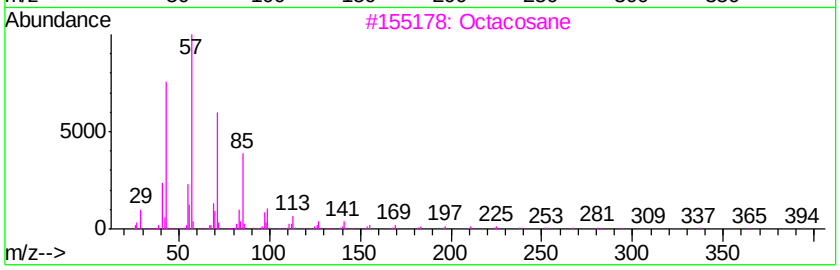
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	4.15 ng	330594	Acenaphthene-d10	9.99

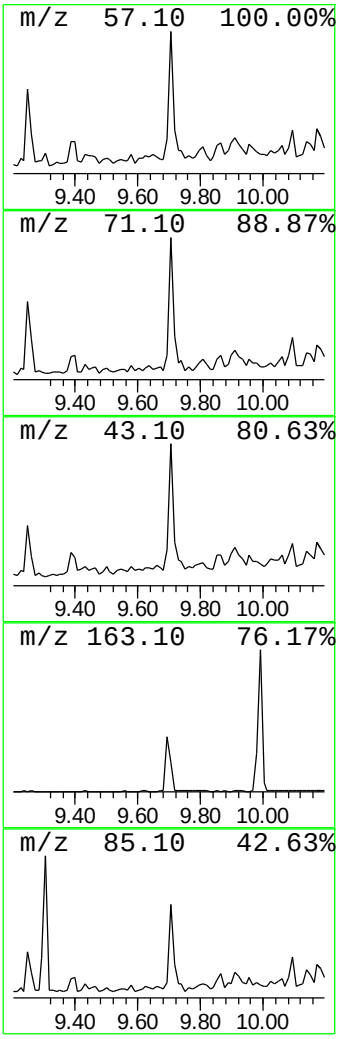
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	53
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	53
3	Octacosane	394	C28H58	000630-02-4	49
4	Pentadecane	212	C15H32	000629-62-9	49
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	46











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Sample : H1699-05 5X
Misc :
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Instrument : BNA_F
ClientSampleId : WASTECHAR(COMPOSITE)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

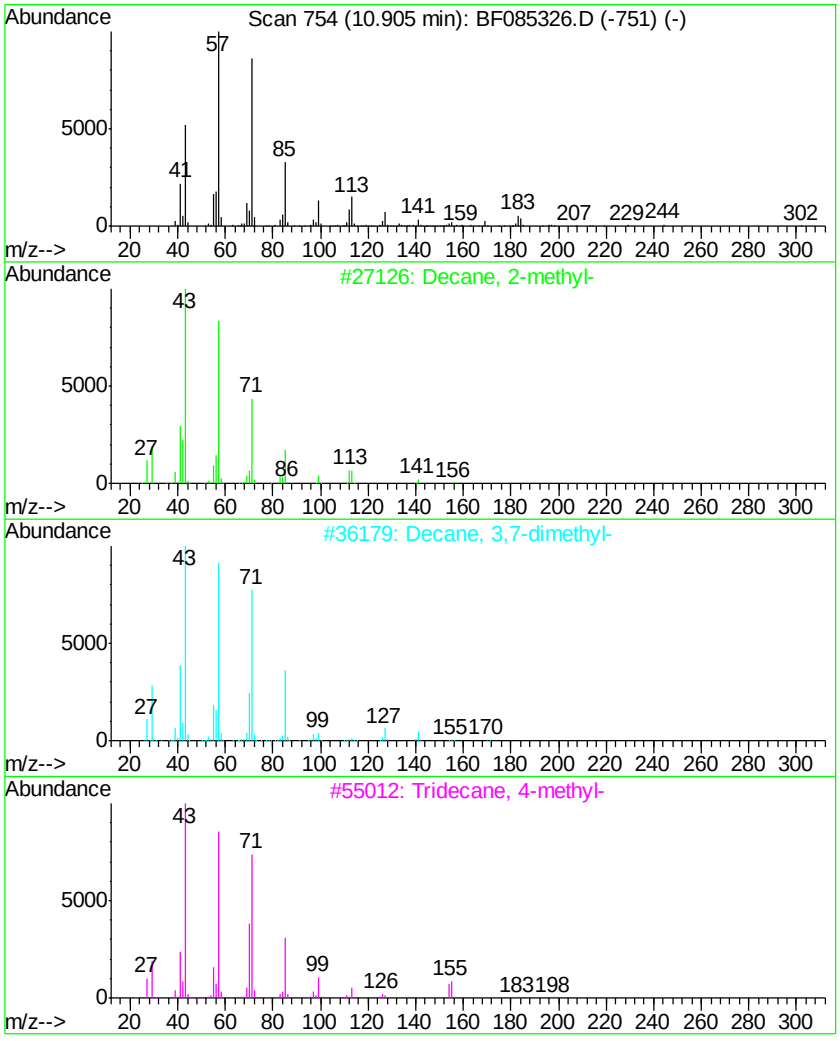
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

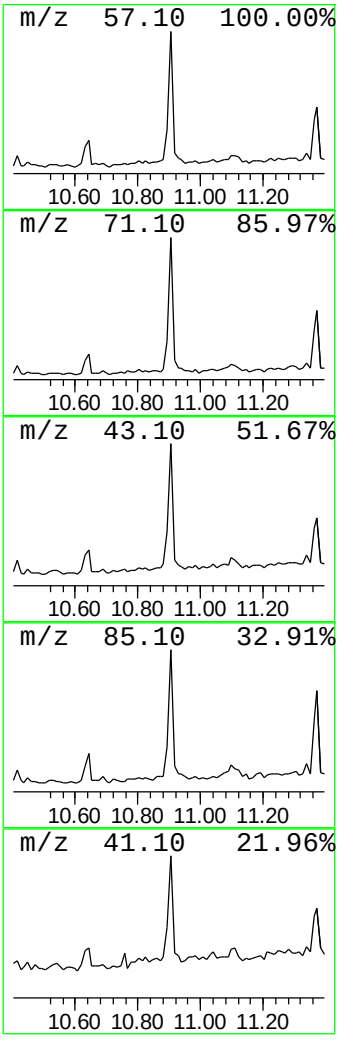
****

Peak Number 5 Decane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	5.89 ng	437386	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	86
2	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	81
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	81
4	Tridecane	184	C13H28	000629-50-5	72
5	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	62





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ClientSampleId :
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TIC Library : C:\DATABASE\NIST02.L
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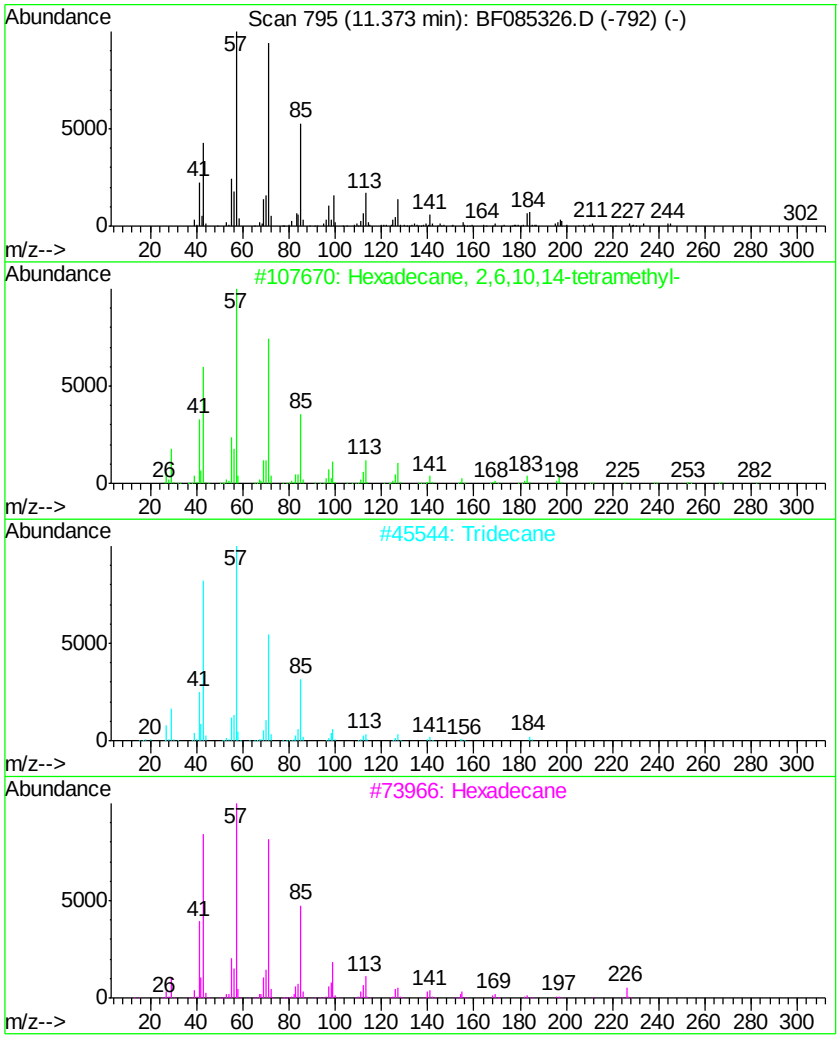
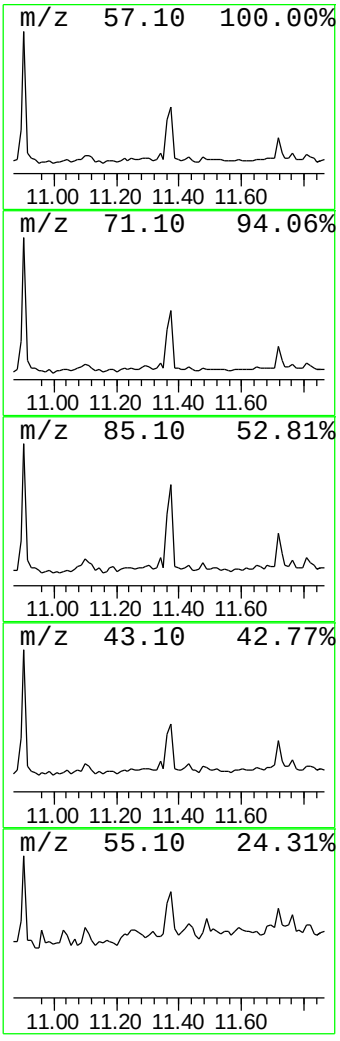
****

Peak Number 6 Hexadecane, 2,6,10,14-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	3.73 ng	277392	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	78
5	Heptacosane	380	C27H56	000593-49-7	72





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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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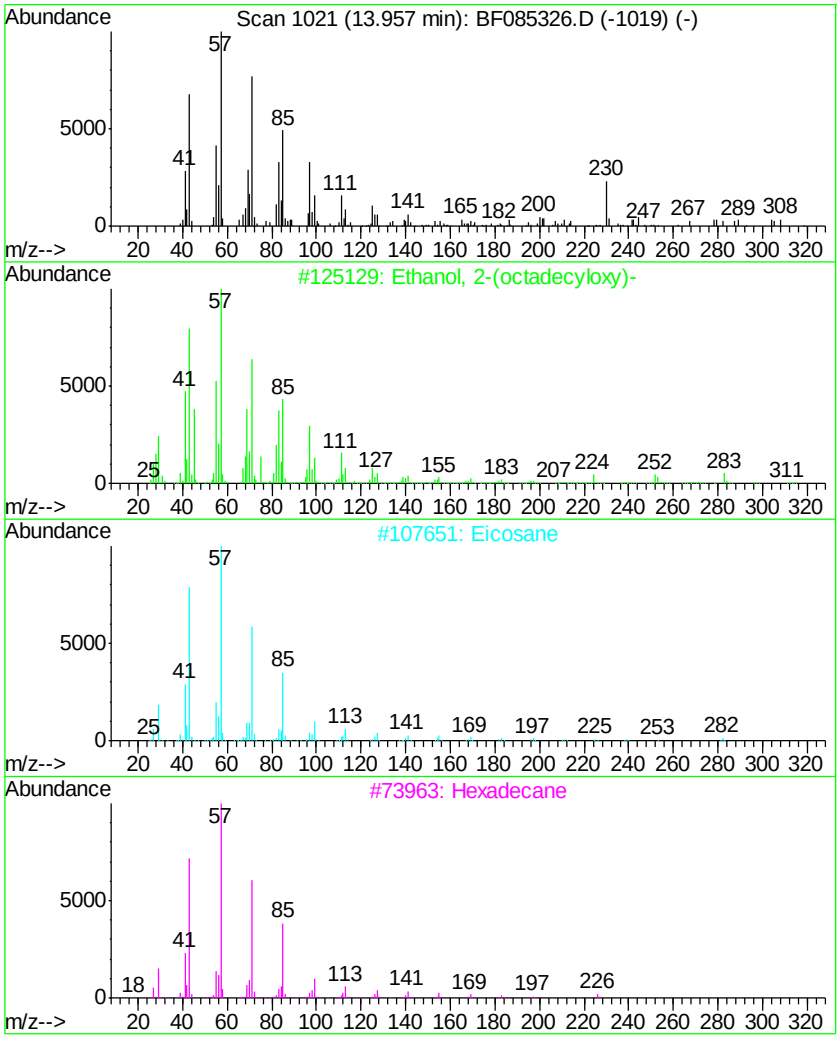
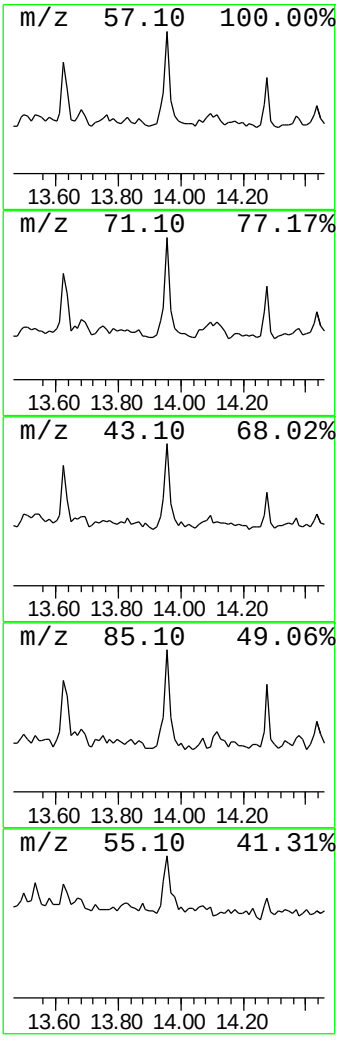
Peak Number 7 Ethanol, 2-(octadecyloxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	2.87 ng	120298	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	80
2	Eicosane	282	C20H42	000112-95-8	70
3	Hexadecane	226	C16H34	000544-76-3	64
4	Heptadecane	240	C17H36	000629-78-7	62
5	Tetratetracontane	619	C44H90	007098-22-8	58





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Operator : UM/SJ
Sample : H1699-05 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTECHAR(COMPOSITE)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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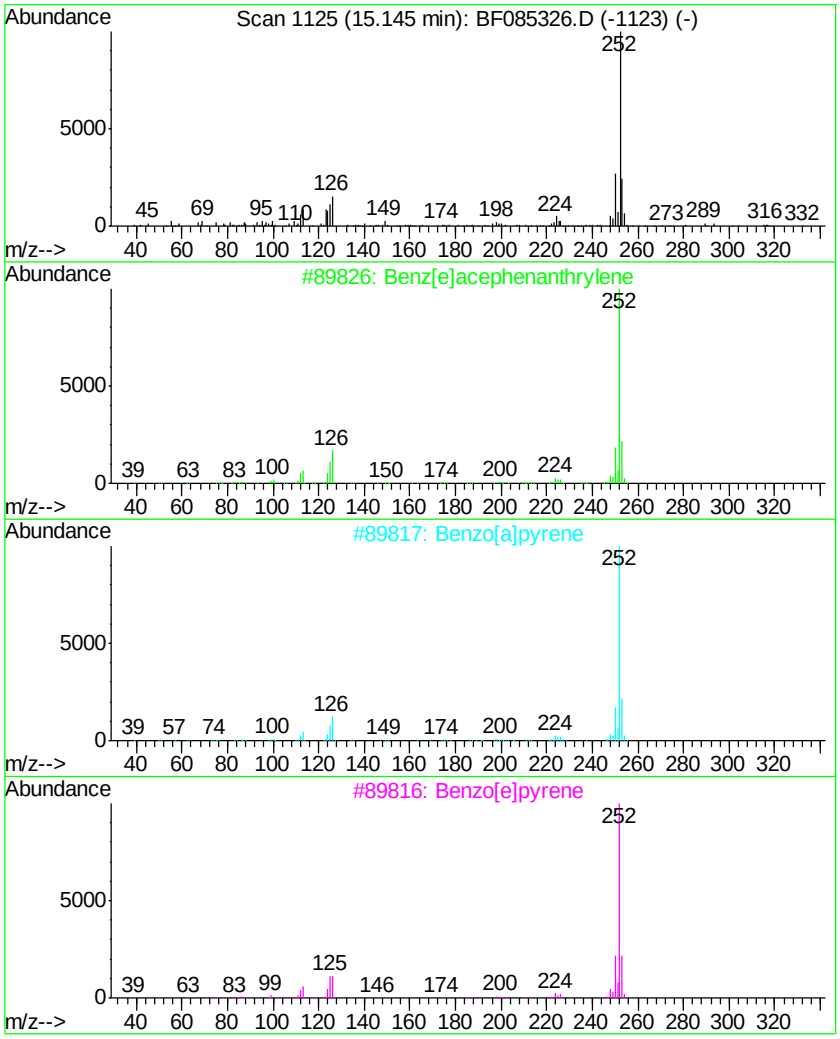
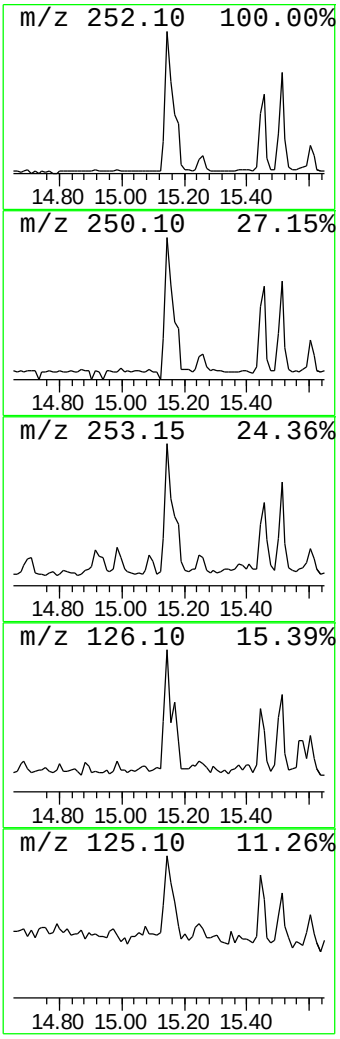
Peak Number 8 Benz[e]acephenanthrylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	4.02 ng	145036	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benzo[e]pyrene	252	C20H12	000192-97-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Perylene	252	C20H12	000198-55-0	87





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Data File : BF085326.D
Acq On : 10 Mar 2016 4:14
Operator : UM/SJ
Sample : H1699-05 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTECHAR(COMPOSITE)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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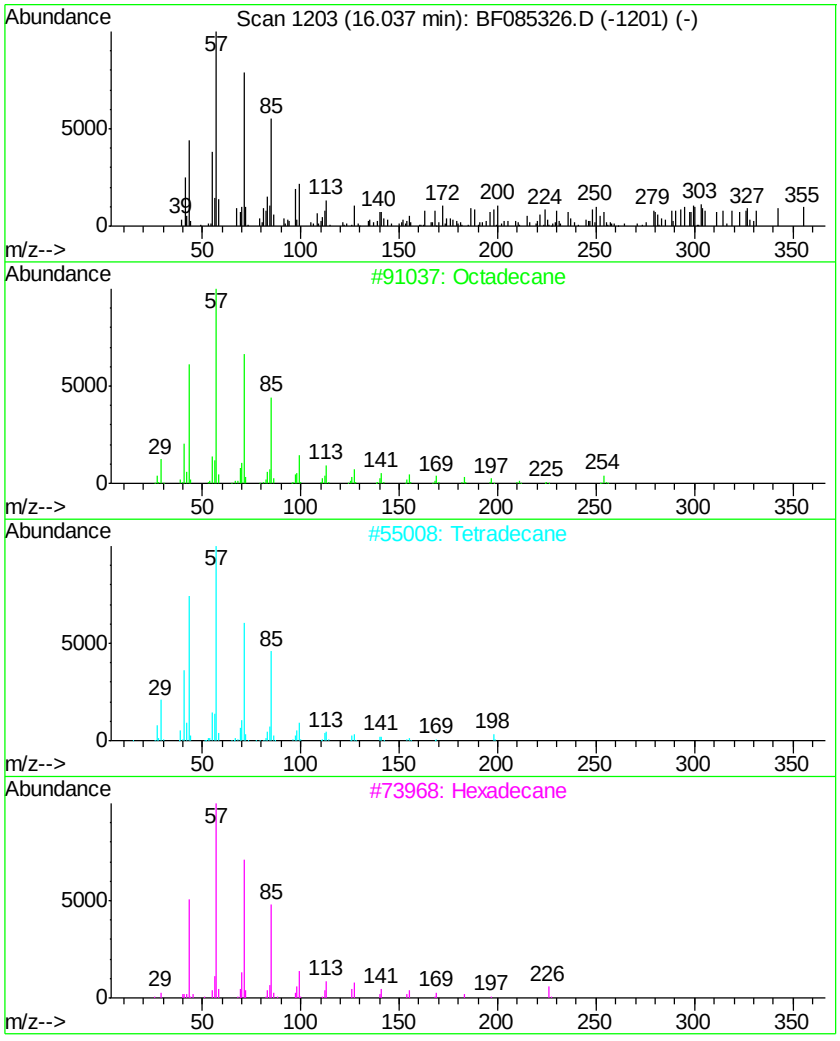
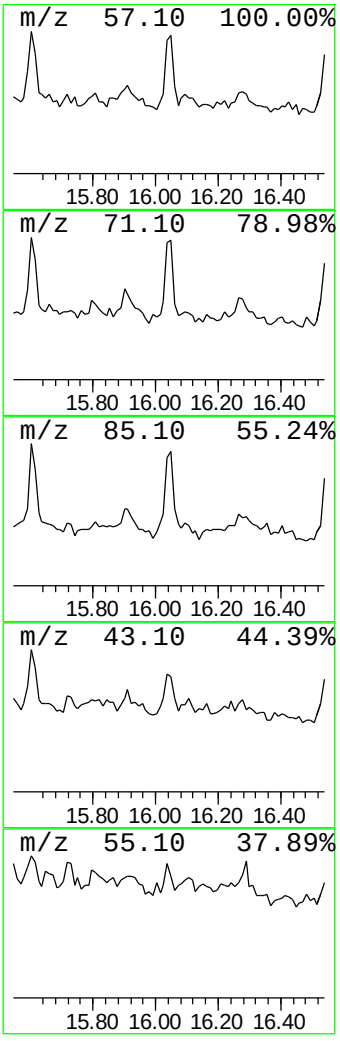
Peak Number 9 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	2.00 ng	72276	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	78
2	Tetradecane	198	C14H30	000629-59-4	60
3	Hexadecane	226	C16H34	000544-76-3	60
4	Dodecane	170	C12H26	000112-40-3	53
5	Docosane	310	C22H46	000629-97-0	49





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085326.D
Acq On : 10 Mar 2016 4:14
Operator : UM/SJ
Sample : H1699-05 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTECHAR(COMPOSITE)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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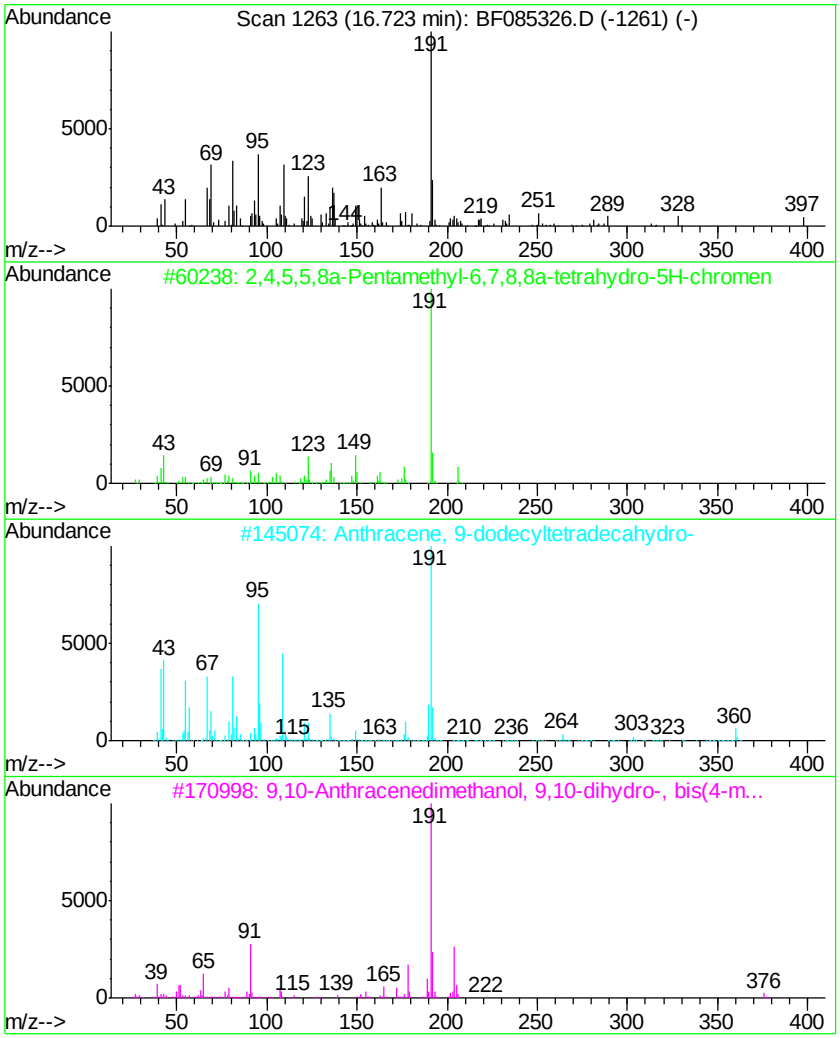
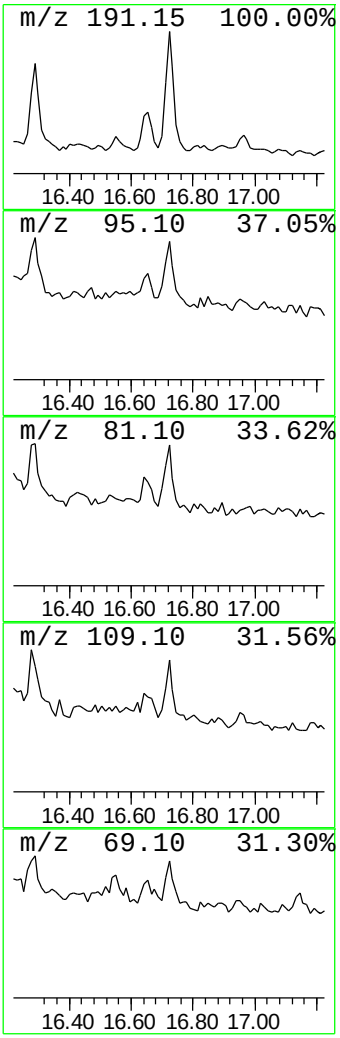
Peak Number 10 unknown16.72 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	2.43 ng	87559	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	40
2	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	38
3	9,10-Anthracenedimethanol, 9,10-...	548	C30H28O6S2	1000195-17-4	35
4	3-Indolethanamine, N-acetyl-5-fl...	250	C13H15FN2O2	1000116-27-1	32
5	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085326.D
Acq On : 10 Mar 2016 4:14
Operator : UM/SJ
Sample : H1699-05 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTECHAR(COMPOSITE)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.12	5.1	ng	118803	1	7.10	469280	20.0
3-Chloro-6-fluoro...	6.71	24.7	ng	578544	1	7.10	469280	20.0
Heptacosane	9.70	4.2	ng	330594	3	9.99	1594410	20.0
Decane, 2-methyl-	10.90	5.9	ng	437386	4	11.48	1485720	20.0
Hexadecane, 2,6,1...	11.37	3.7	ng	277392	4	11.48	1485720	20.0
Ethanol, 2-(octad...	13.96	2.9	ng	120298	5	14.11	837964	20.0
Benz[e]acephenant...	15.15	4.0	ng	145036	6	15.58	721738	20.0
Octadecane	16.04	2.0	ng	72276	6	15.58	721738	20.0
unknown16.72	16.72	2.4	ng	87559	6	15.58	721738	20.0