LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085309.D
Acq On : 9 Mar 2016 20:08
Operator : UM/SJ
Sample : H1724-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW-E

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	2.858	47	50	52	rBV2	39347	74009	1.58%	0.148%
2	3.156	75	76	78	rVB2	75326	58917	1.26%	0.118%
3	4.001	148	150	151	rBV2	201367	178381	3.80%	0.357%
4	5.167	249	252	258	rVB	212334	352916	7.53%	0.706%
5	5.556	283	286	289	rBV	3570084	4118674	87.84%	8.244%
6	6.573	372	375	378	rVB	3450492	4143434	88.36%	8.293%
7	6.710	384	387	390	rBV	3406449	4689019	100.00%	9.385%
8	6.939	405	407	410	rVB	709488	975911	20.81%	1.953%
9	7.099	419	421	424	rBV	2955685	3376539	72.01%	6.758%
10	7.236	430	433	436	rVB2	103665	186415	3.98%	0.373%
11	7.510	454	457	459	rBV	2583341	2883598	61.50%	5.772%
12	7.590	460	464	465	rBV	84312	94800	2.02%	0.190%
13	7.716	470	475	476	rBV2	53285	70354	1.50%	0.141%
14	7.807	479	483	486	rVB	51057	105352	2.25%	0.211%
15	7.956	491	496	500	rVB5	65640	179782	3.83%	0.360%
16	8.105	506	509	515	rVB3	46532	128432	2.74%	0.257%
17	8.230	518	520	522	rVV	1378017	1297004	27.66%	2.596%
18	8.482	541	542	545	rBV2	74219	95976	2.05%	0.192%
19	8.585	549	551	554	rVB2	44870	89070	1.90%	0.178%
20	8.665	557	558	561	rVB2	60305	63954	1.36%	0.128%
21	8.733	561	564	570	rBV2	64837	244856	5.22%	0.490%
22	8.870	573	576	579	rVB3	51471	117195	2.50%	0.235%
23	9.008	586	588	590	rVB	48704	73990	1.58%	0.148%
24	9.099	594	596	597	rVV2	112727	140065	2.99%	0.280%
25	9.122	597	598	601	rVB3	110935	158637	3.38%	0.318%
26	9.202	604	605	607	rVB	46013	61607	1.31%	0.123%
27	9.305	610	614	617	rVB	3770646	4335596	92.46%	8.678%
28	9.510	630	632	634	rBV2	68131	116532	2.49%	0.233%
29	9.613	640	641	646	rVB2	87111	70920	1.51%	0.142%
30	9.705	646	649	651	rBV	687081	884174	18.86%	1.770%
31	9.922	664	668	670	rBV2	116881	196339	4.19%	0.393%
32	9.990	670	674	676	rVV	1296603	1753238	37.39%	3.509%
33	10.082	678	682	683	rBV3	40739	76480	1.63%	0.153%
34	10.242	695	696	700	rVB3	36438	63240	1.35%	0.127%

LSC Area Percent Report

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW-E

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	10.413	708	711	713	rBV	141715	170785	3.64%	0.342%
36	10.448	713	714	715	rVV	81802	76293	1.63%	0.153%
37	10.470	715	716	718	rVB	82957	83532	1.78%	0.167%
38	10.642	727	731	732	rBV2	40236	93131	1.99%	0.186%
39	10.779	740	743	745	rBV	2848357	2923577	62.35%	5.852%
40	10.893	751	753	760	rVB2	133341	268769	5.73%	0.538%
41	11.076	767	769	772	rBV3	35776	81914	1.75%	0.164%
42	11.168	776	777	780	rVV2	32146	61374	1.31%	0.123%
43	11.259	783	785	788	rVB	65347	114716	2.45%	0.230%
44	11.339	788	792	794	rBV2	121605	221746	4.73%	0.444%
45	11.476	801	804	806	rBV	1485730	1533476	32.70%	3.069%
46	11.522	806	808	813	rVB2	50111	95341	2.03%	0.191%
47	11.762	827	829	833	rVB	77085	111955	2.39%	0.224%
48	11.991	842	849	851	rVV2	96520	198215	4.23%	0.397%
49	12.071	855	856	861	rVB3	47351	69011	1.47%	0.138%
50	12.311	874	877	879	rVB2	43239	70585	1.51%	0.141%
51	12.368	879	882	885	rBV2	33151	72157	1.54%	0.144%
52	12.802	916	920	922	rBV5	108646	197179	4.21%	0.395%
53	12.894	927	928	932	rVV2	43370	82781	1.77%	0.166%
54	12.974	932	935	937	rVV3	66727	117606	2.51%	0.235%
55	13.065	940	943	945	rVB	4079759	4482650	95.60%	8.972%
56	13.122	945	948	949	rBV3	43565	70790	1.51%	0.142%
57	13.179	952	953	956	rVB	78419	87241	1.86%	0.175%
58	13.328	960	966	968	rBV4	161421	332150	7.08%	0.665%
59	13.477	976	979	982	rBV2	28476	63934	1.36%	0.128%
60	13.534	982	984	986	rVV2	434461	322706	6.88%	0.646%
61	13.648	991	994	997	rVV	41588	77532	1.65%	0.155%
62	13.694	997	998	1002	rVB3	53742	73772	1.57%	0.148%
63	13.819	1007	1009	1010	rBV2	69765	99670	2.13%	0.199%
64	13.842	1010	1011	1012	rBV	102971	84119	1.79%	0.168%
65	13.877	1012	1014	1018	rVB3	36203	77000	1.64%	0.154%
66	13.945	1018	1020	1025	rBV3	170767	369507	7.88%	0.740%
67	14.105	1032	1034	1037	rVB2	986668	1246992	26.59%	2.496%
68	14.231	1044	1045	1048	rVV2	69736	78514	1.67%	0.157%
69	14.288	1048	1050	1053	rVB4	56918	110482	2.36%	0.221%
70	14.334	1053	1054	1056	rBV2	64606	78924	1.68%	0.158%
71	14.905	1100	1104	1107	rVV5	91898	328876	7.01%	0.658%

LSC Area Percent Report

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW-E

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

72	14.962	1107	1109	1112	rVV4	73370	158795	3.39%	0.318%
73	15.008	1112	1113	1115	rVV2	66203	99086	2.11%	0.198%
74	15.077	1118	1119	1123	rVV3	71950	127310	2.72%	0.255%
75	15.157	1123	1126	1130	rVB5	62039	95232	2.03%	0.191%
76	15.374	1143	1145	1150	rVV6	39759	92724	1.98%	0.186%
77	15.454	1150	1152	1153	rVB2	83383	67339	1.44%	0.135%
78	15.488	1153	1155	1156	rVB	53440	63502	1.35%	0.127%
79	15.568	1159	1162	1165	rBV	568758	821241	17.51%	1.644%
80	16.048	1203	1204	1207	rVB3	50191	58722	1.25%	0.118%
81	16.414	1231	1236	1237	rVB5	28083	59161	1.26%	0.118%
82	17.020	1286	1289	1293	rVV5	39009	107221	2.29%	0.215%
83	17.340	1314	1317	1320	rVB3	41584	64051	1.37%	0.128%
84	17.465	1325	1328	1331	rBV4	27212	66444	1.42%	0.133%
85	17.546	1334	1335	1336	rVV	142659	111307	2.37%	0.223%
86	17.603	1336	1340	1341	rVV4	171679	344293	7.34%	0.689%
87	17.625	1341	1342	1347	rVB5	134548	259999	5.54%	0.520%
88	17.728	1349	1351	1355	rBV3	48340	98118	2.09%	0.196%
89	17.831	1355	1360	1362	rBV4	49278	117668	2.51%	0.236%
90	17.866	1362	1363	1365	rVB2	68468	78059	1.66%	0.156%
91	17.957	1365	1371	1374	rBV5	61538	204090	4.35%	0.409%
92	18.208	1391	1393	1396	rVB4	56357	86804	1.85%	0.174%
93	18.266	1396	1398	1401	rBV2	47416	69998	1.49%	0.140%
94	18.426	1410	1412	1415	rVV2	30750	60612	1.29%	0.121%
95	18.506	1417	1419	1421	rVV	50685	64597	1.38%	0.129%
96	18.746	1438	1440	1442	rVV2	59234	82156	1.75%	0.164%
97	18.803	1442	1445	1450	rVB5	39687	118698	2.53%	0.238%
98	18.883	1450	1452	1455	rBV4	48196	105560	2.25%	0.211%
99	19.203	1478	1480	1482	rVV	74024	106021	2.26%	0.212%
100	19.454	1499	1502	1505	rVB4	57388	87511	1.87%	0.175%

Sum of corrected areas: 49960727

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Sample : H1724-02
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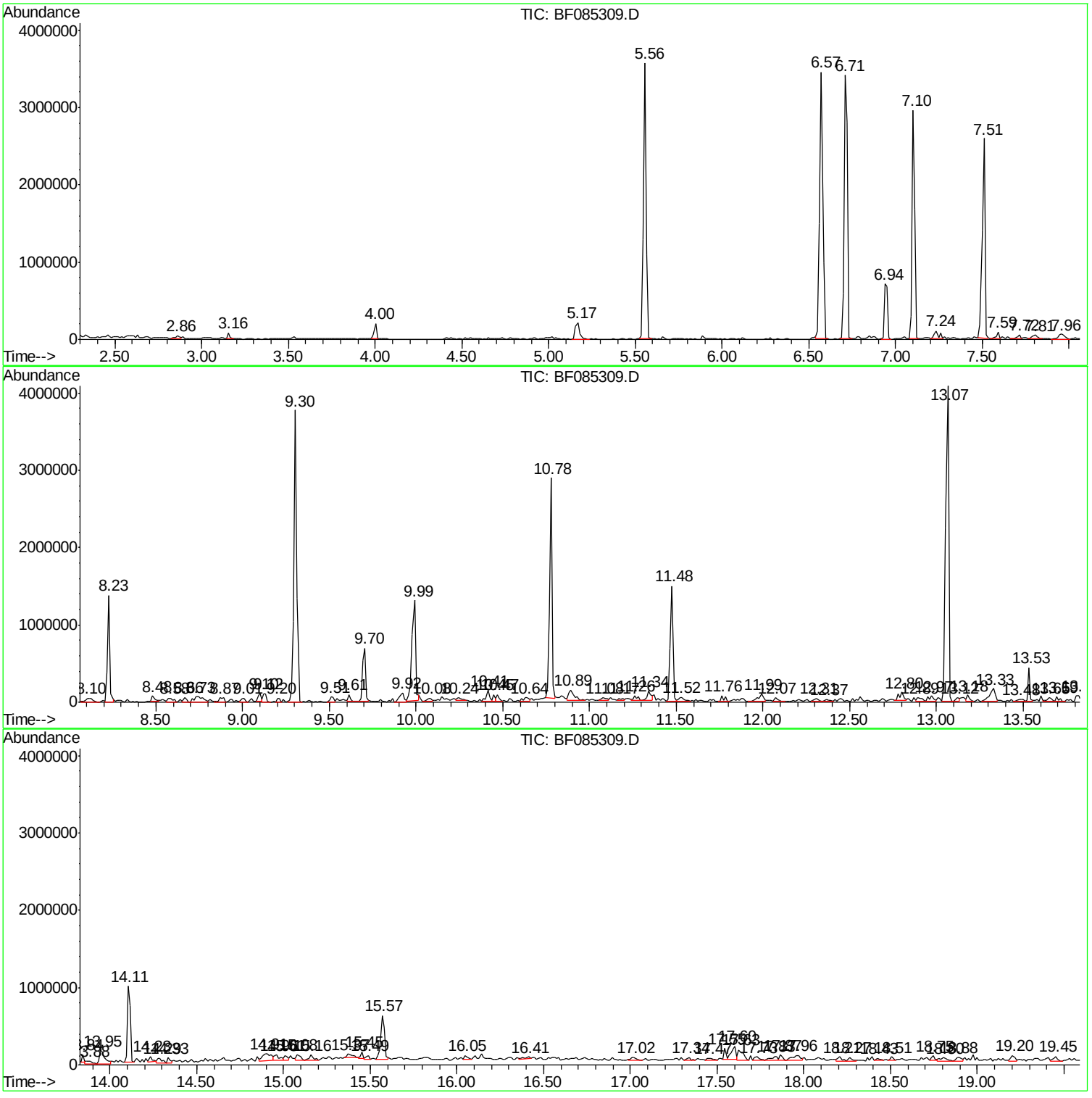
Instrument :
BNA_F
ClientSampleId :
UST-SW-E

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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Operator : UM/SJ
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
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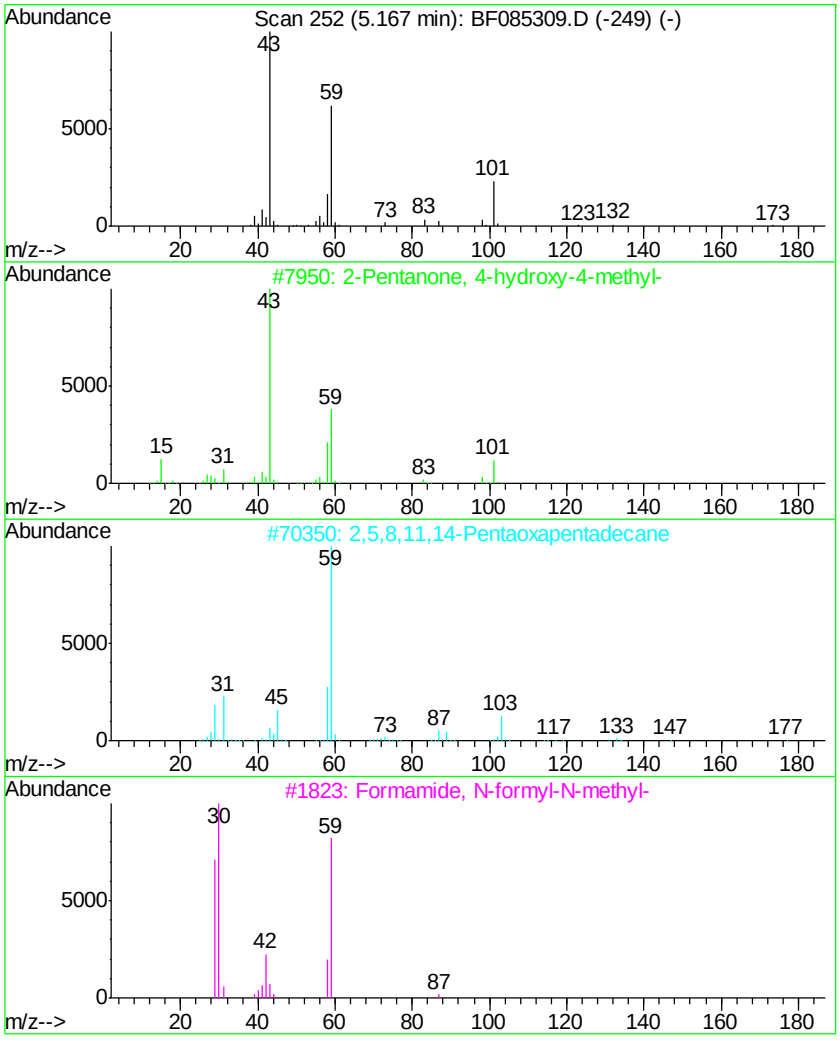
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

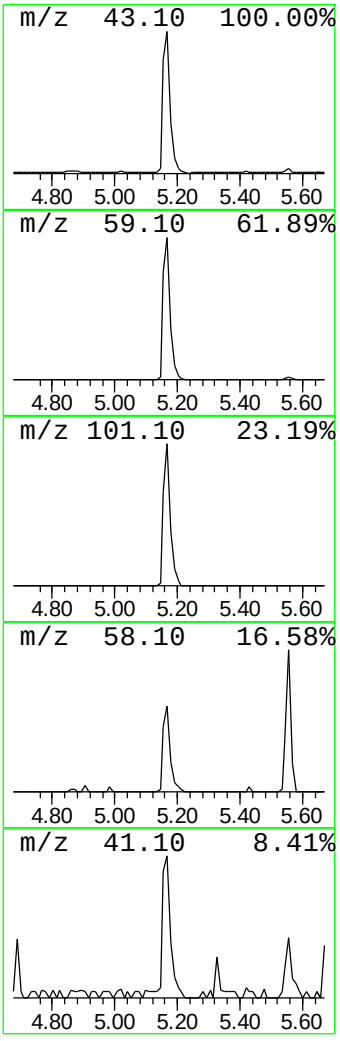
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	7.23 ng	352916	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	38
3	Formamide, N-formyl-N-methyl-	87	C3H5NO2	018197-25-6	32
4	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	32
5	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28





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Data File : BF085309.D
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Operator : UM/SJ
Sample : H1724-02
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Instrument : BNA_F
ClientSampleId : UST-SW-E

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
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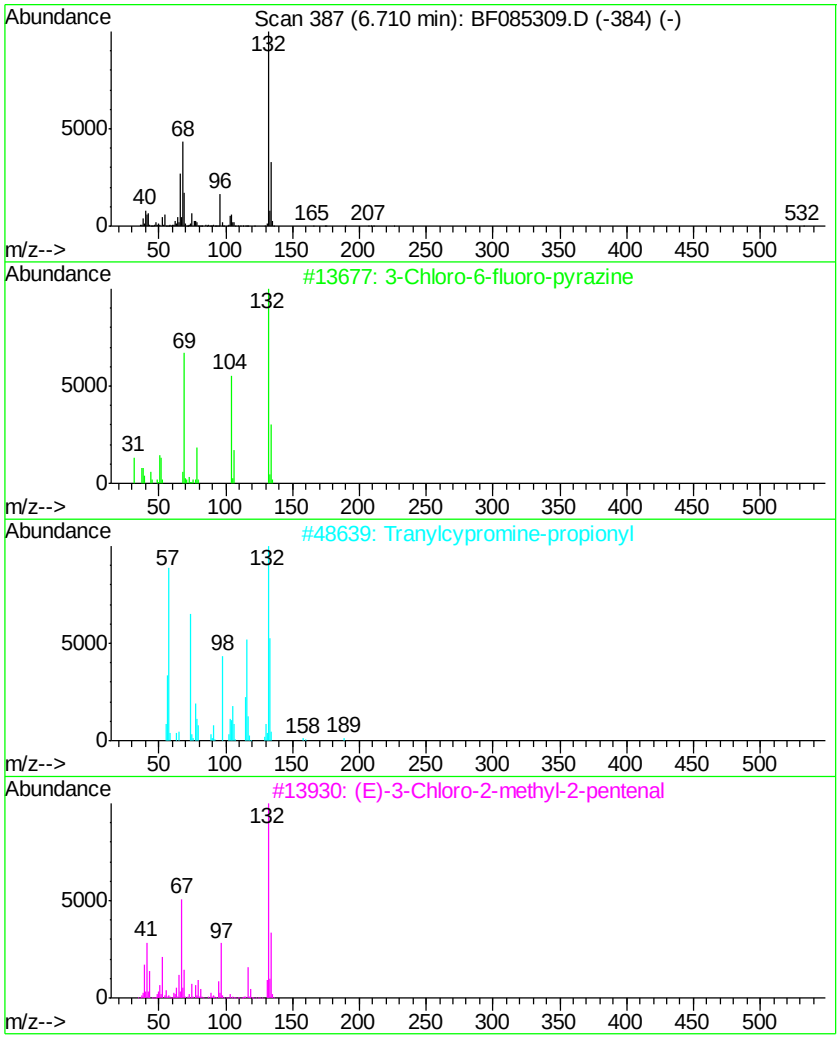
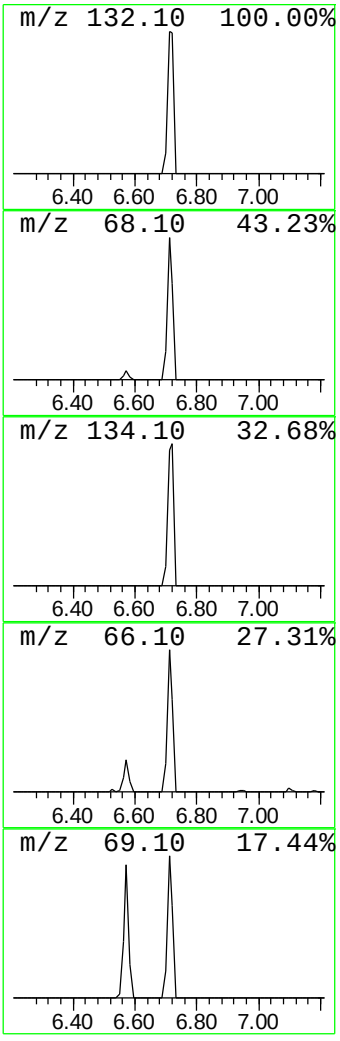
****

Peak Number 3 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	96.10 ng	4689020	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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ClientSampleId : UST-SW-E

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

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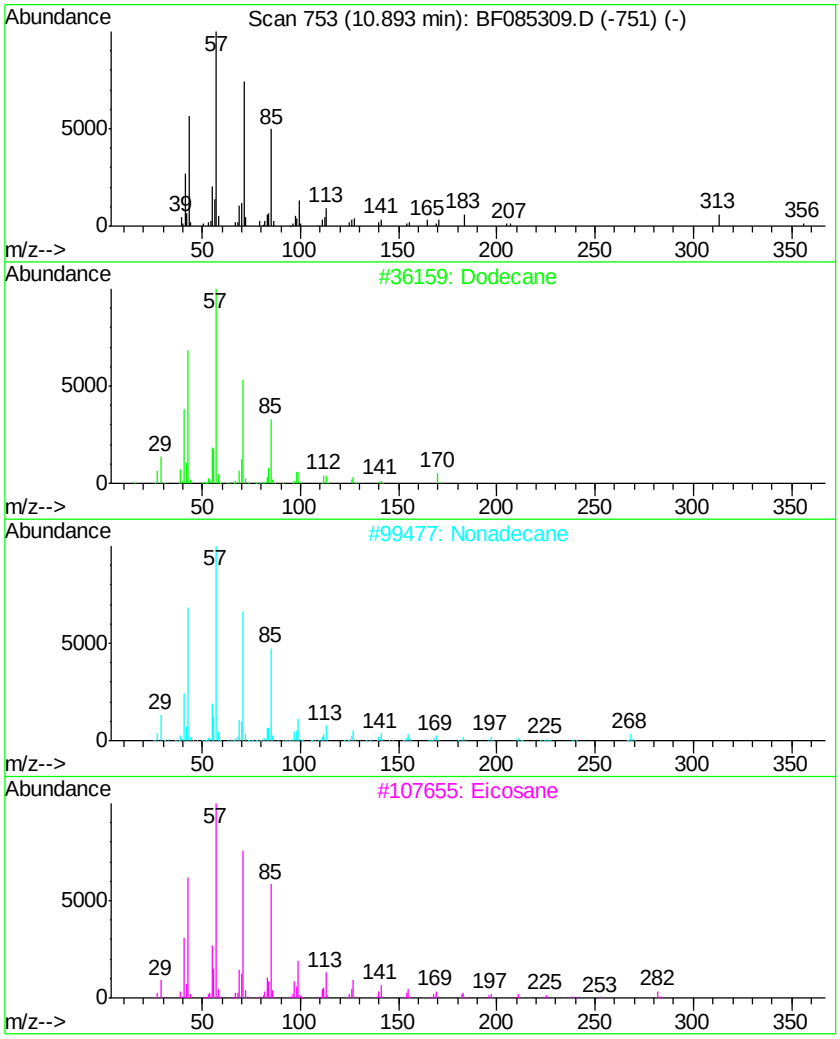
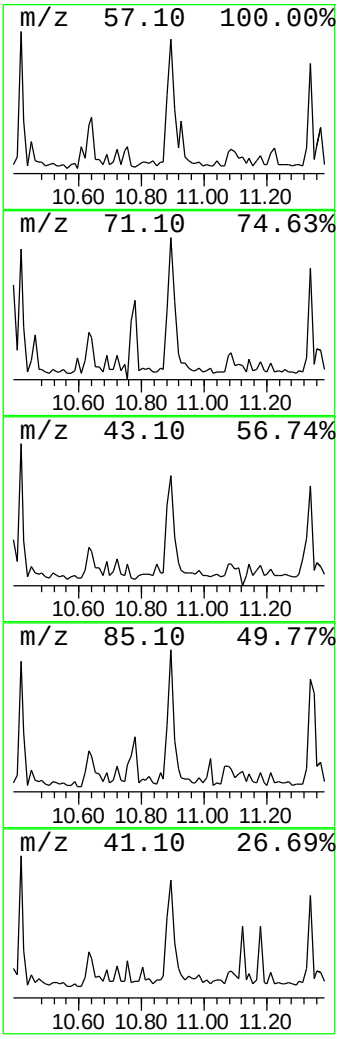
Peak Number 7 Dodecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	3.51 ng	268769	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	90
2	Nonadecane	268	C19H40	000629-92-5	87
3	Eicosane	282	C20H42	000112-95-8	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Pentadecane	212	C15H32	000629-62-9	86





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

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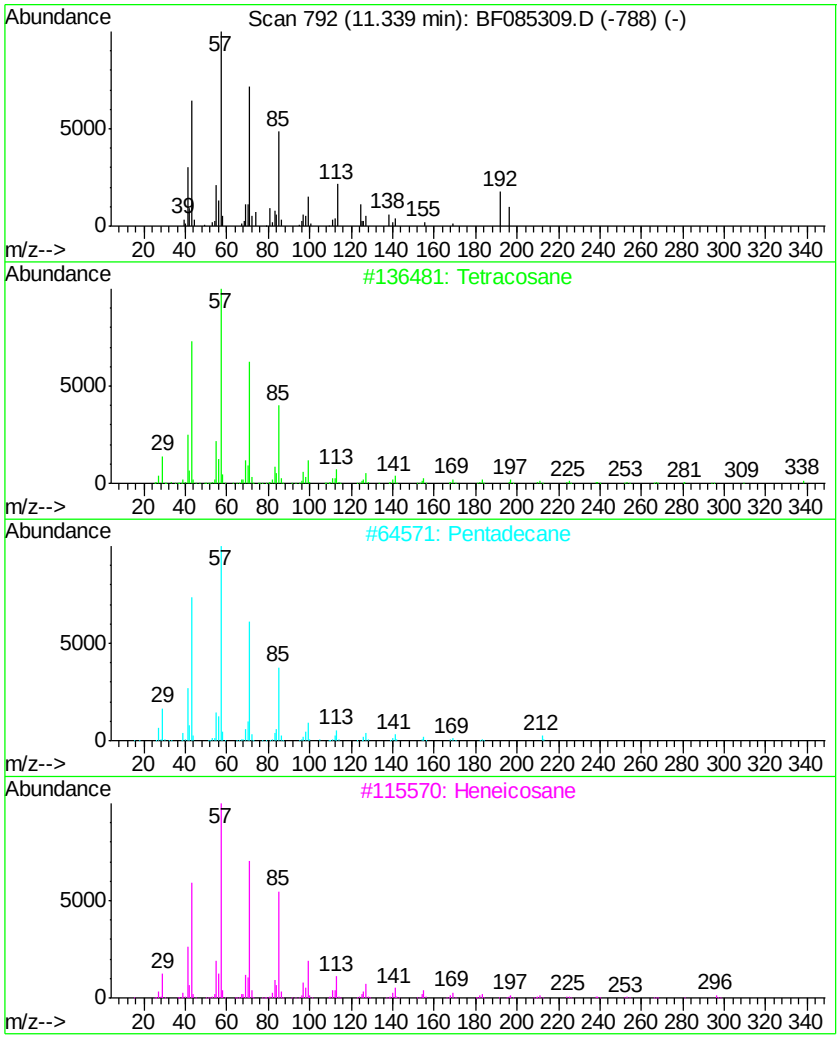
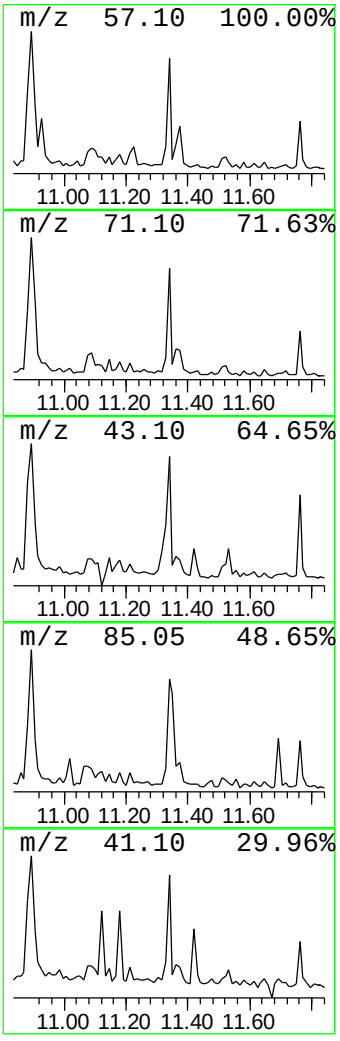
Peak Number 8 Tetracosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	2.89 ng	221746	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	62
2	Pentadecane	212	C15H32	000629-62-9	62
3	Heneicosane	296	C21H44	000629-94-7	62
4	Eicosane	282	C20H42	000112-95-8	62
5	Heptadecane	240	C17H36	000629-78-7	62





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Sample : H1724-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW-E

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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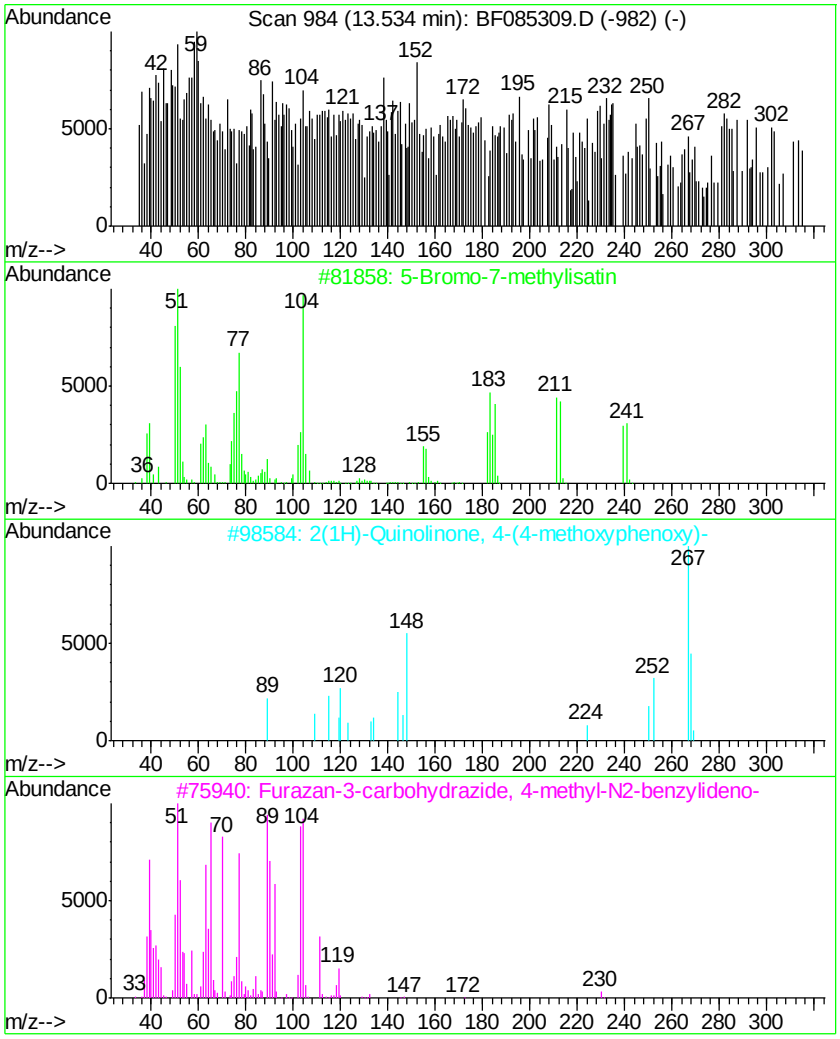
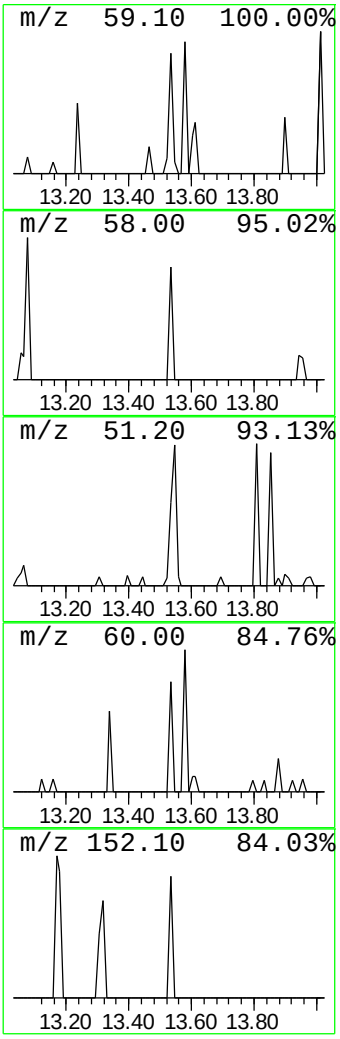
Peak Number 11 5-Bromo-7-methylisatin Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	5.18 ng	322706	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-7-methylisatin	239	C9H6BrNO2	077395-10-9	91
2	2(1H)-Quinolinone, 4-(4-methoxyp...	267	C16H13NO3	068903-83-3	58
3	Furazan-3-carbohydrazide, 4-meth...	230	C11H10N4O2	330578-70-6	56
4	Pyridine-4-aldehyde, N-ethoxycar...	193	C9H11N3O2	083710-34-3	53
5	o-Veratramide	181	C9H11NO3	001521-39-7	51





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085309.D
Acq On : 9 Mar 2016 20:08
Operator : UM/SJ
Sample : H1724-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW-E

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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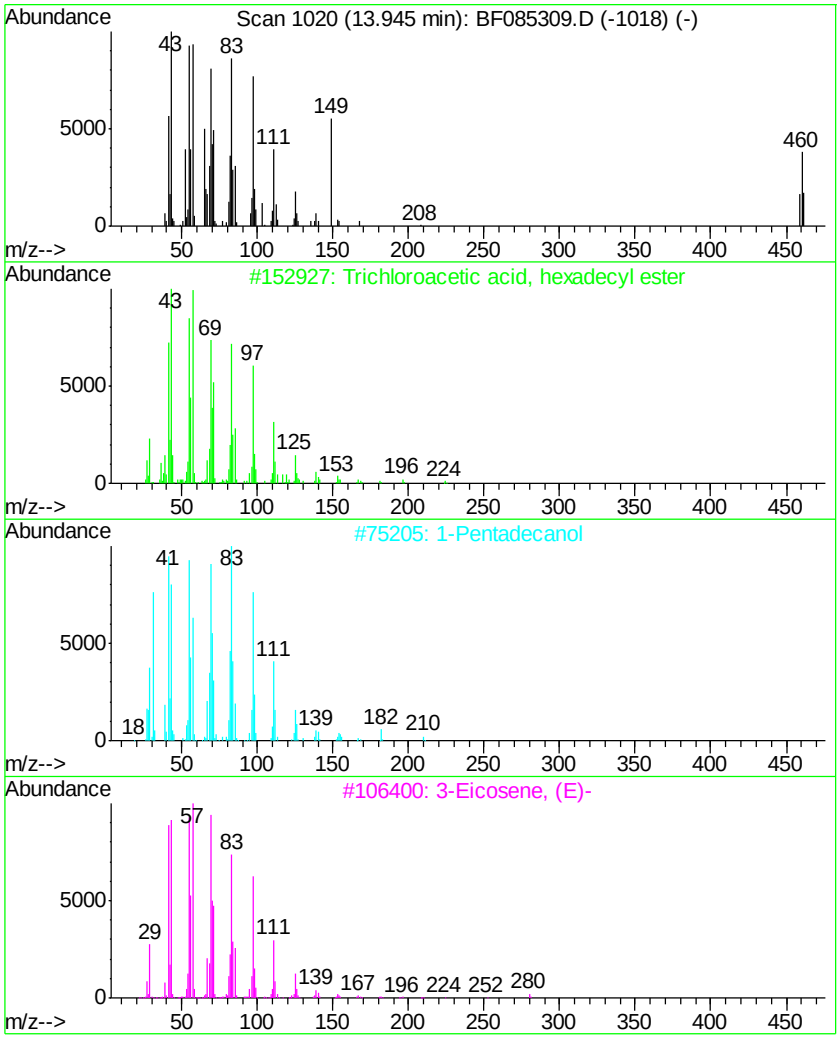
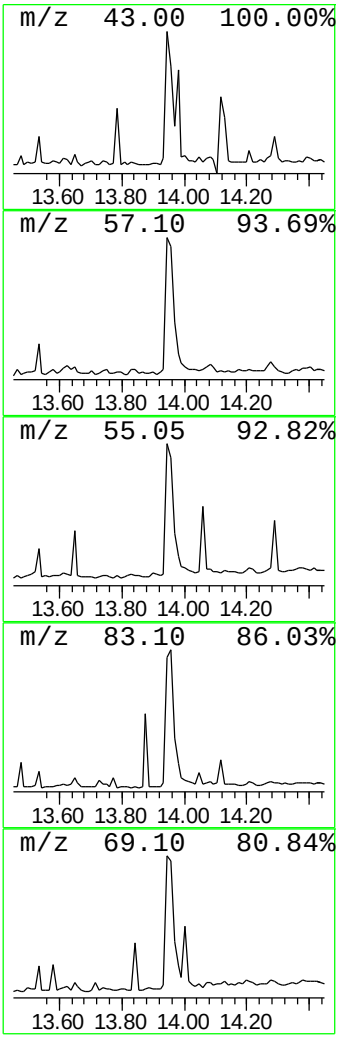
Peak Number 12 Trichloroacetic acid, hexad... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	5.93 ng	369507	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	53
2	1-Pentadecanol	228	C15H32O	000629-76-5	42
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	42
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	42
5	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	42





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085309.D
Acq On : 9 Mar 2016 20:08
Operator : UM/SJ
Sample : H1724-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW-E

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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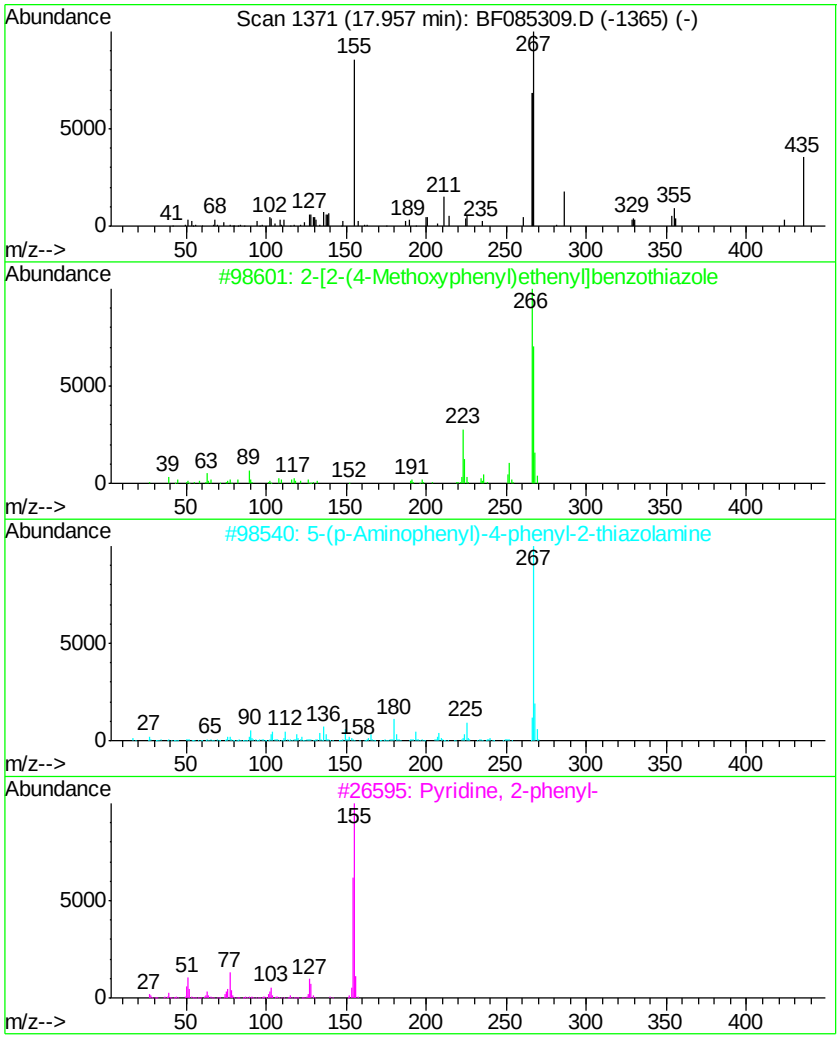
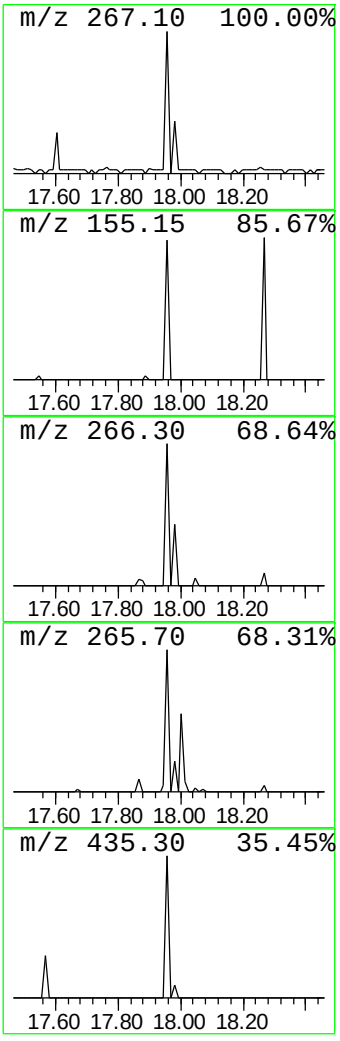
Peak Number 19 unknown17.96 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	4.97 ng	204090	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-(4-Methoxyphenyl)ethenyl]be...	267	C16H13NOS	059198-05-9	23
2	5-(p-Aminophenyl)-4-phenyl-2-thi...	267	C15H13N3S	092555-59-4	14
3	Pyridine, 2-phenyl-	155	C11H9N	001008-89-5	10
4	Isoquinoline, 3,4-dihydro-6,7-di...	267	C17H17NO2	010172-51-7	9
5	3,6-Bis(N-formamido)-9-methylcar...	267	C15H13N3O2	098785-98-9	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085309.D
Acq On : 9 Mar 2016 20:08
Operator : UM/SJ
Sample : H1724-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW-E

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...	5.17	7.2	ng	352916	1	6.95	975911	20.0
unknown6.71	6.71	96.1	ng	4689020	1	6.95	975911	20.0
Dodecane	10.89	3.5	ng	268769	4	11.48	1533480	20.0
Tetracosane	11.34	2.9	ng	221746	4	11.48	1533480	20.0
5-Bromo-7-methyli...	13.53	5.2	ng	322706	5	14.11	1246990	20.0
Trichloroacetic a...	13.95	5.9	ng	369507	5	14.11	1246990	20.0
unknown17.96	17.96	5.0	ng	204090	6	15.57	821241	20.0