LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085310.D
Acq On : 9 Mar 2016 20:37
Operator : UM/SJ
Sample : H1724-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW-W

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	2.881	50	52	57	rBV2	35141	53613	1.18%	0.119%
2	4.721	210	213	216	rVB2	73977	141520	3.11%	0.315%
3	4.801	216	220	221	rBV3	141171	215834	4.74%	0.480%
4	5.156	249	251	256	rVB	205757	323485	7.11%	0.719%
5	5.556	283	286	289	rBV	3578654	3882710	85.32%	8.631%
6	5.624	291	292	295	rVB2	93973	121441	2.67%	0.270%
7	6.527	367	371	372	rVV	61884	99532	2.19%	0.221%
8	6.573	372	375	378	rVV	3748176	4550606	100.00%	10.116%
9	6.642	378	381	384	rVV3	297097	744204	16.35%	1.654%
10	6.710	384	387	390	rVV	3406113	4344849	95.48%	9.659%
11	6.756	390	391	394	rVB2	50806	57011	1.25%	0.127%
12	6.939	405	407	410	rVV	775632	1049721	23.07%	2.334%
13	7.042	413	416	419	rBV3	38036	55787	1.23%	0.124%
14	7.099	419	421	424	rVB	3109899	3333601	73.26%	7.411%
15	7.510	454	457	459	rBV	2984824	3195294	70.22%	7.103%
16	7.590	461	464	466	rVB	79878	100495	2.21%	0.223%
17	7.705	471	474	476	rVB2	47452	67423	1.48%	0.150%
18	7.945	493	495	498	rBV2	41297	62190	1.37%	0.138%
19	8.230	518	520	522	rVB	1630816	1435753	31.55%	3.192%
20	8.333	527	529	531	rBV	46871	63345	1.39%	0.141%
21	8.482	539	542	544	rBV3	101477	154860	3.40%	0.344%
22	8.608	551	553	555	rBV2	36087	78877	1.73%	0.175%
23	9.305	611	614	617	rBV	3810923	4163450	91.49%	9.256%
24	9.705	646	649	650	rBV	734486	925462	20.34%	2.057%
25	9.762	650	654	658	rVB4	35184	81166	1.78%	0.180%
26	9.911	665	667	670	rVB	70213	97111	2.13%	0.216%
27	9.991	671	674	676	rVB	1362472	1511880	33.22%	3.361%
28	10.071	676	681	684	rVB4	21564	64268	1.41%	0.143%
29	10.173	684	690	692	rBV2	30214	98974	2.17%	0.220%
30	10.413	710	711	713	rVB	160472	136372	3.00%	0.303%
31	10.631	727	730	733	rBV3	41041	109825	2.41%	0.244%
32	10.779	740	743	745	rBV	2690445	2902611	63.79%	6.453%
33	10.836	745	748	750	rVB	44054	60346	1.33%	0.134%
34	10.893	750	753	758	rBV	134843	216531	4.76%	0.481%

LSC Area Percent Report

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Instrument : BNA_F
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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.099	767	771	772	rBV2	40875	68241	1.50%	0.152%
36	11.133	772	774	776	rVB3	58554	77721	1.71%	0.173%
37	11.214	780	781	782	rBV	69871	50487	1.11%	0.112%
38	11.305	786	789	790	rVB	69506	67109	1.47%	0.149%
39	11.339	790	792	794	rBV2	128768	138692	3.05%	0.308%
40	11.476	801	804	806	rVB	1540598	1581579	34.76%	3.516%
41	11.545	806	810	811	rVB2	50056	72300	1.59%	0.161%
42	11.762	828	829	832	rVB	52814	51184	1.12%	0.114%
43	11.831	832	835	836	rBV	30365	61875	1.36%	0.138%
44	11.991	848	849	855	rVB4	92415	183976	4.04%	0.409%
45	12.196	864	867	868	rVB2	62555	85278	1.87%	0.190%
46	12.254	870	872	874	rBV2	29711	50970	1.12%	0.113%
47	12.322	876	878	880	rBV2	26754	47331	1.04%	0.105%
48	12.779	916	918	922	rVB	76809	97649	2.15%	0.217%
49	12.951	930	933	935	rVB2	50295	63572	1.40%	0.141%
50	13.065	940	943	945	rBV	4018752	4456007	97.92%	9.906%
51	13.191	951	954	955	rVB2	44603	56884	1.25%	0.126%
52	13.511	978	982	986	rBV4	22048	57080	1.25%	0.127%
53	13.637	991	993	996	rVB3	34347	45813	1.01%	0.102%
54	13.774	1004	1005	1008	rVB2	37694	53279	1.17%	0.118%
55	13.945	1018	1020	1027	rBV	150119	264830	5.82%	0.589%
56	14.105	1032	1034	1037	rBV	1026613	1322918	29.07%	2.941%
57	14.677	1083	1084	1086	rVB	57434	47958	1.05%	0.107%
58	14.745	1086	1090	1091	rBV4	38841	65149	1.43%	0.145%
59	14.882	1099	1102	1104	rBV4	31058	48387	1.06%	0.108%
60	14.962	1106	1109	1111	rVB	31287	48348	1.06%	0.107%
61	15.225	1130	1132	1134	rBV2	44082	59921	1.32%	0.133%
62	15.568	1159	1162	1165	rBV	577186	885907	19.47%	1.969%
63	16.540	1243	1247	1251	rVB3	26894	56110	1.23%	0.125%
64	17.637	1338	1343	1348	rBV6	24664	74616	1.64%	0.166%
65	18.426	1411	1412	1414	rVV2	64257	47827	1.05%	0.106%
66	18.483	1415	1417	1418	rVB2	75250	56295	1.24%	0.125%
67	18.677	1431	1434	1436	rBV2	72797	83238	1.83%	0.185%
68	18.803	1443	1445	1448	rVB	56113	54527	1.20%	0.121%

Sum of corrected areas: 44983205

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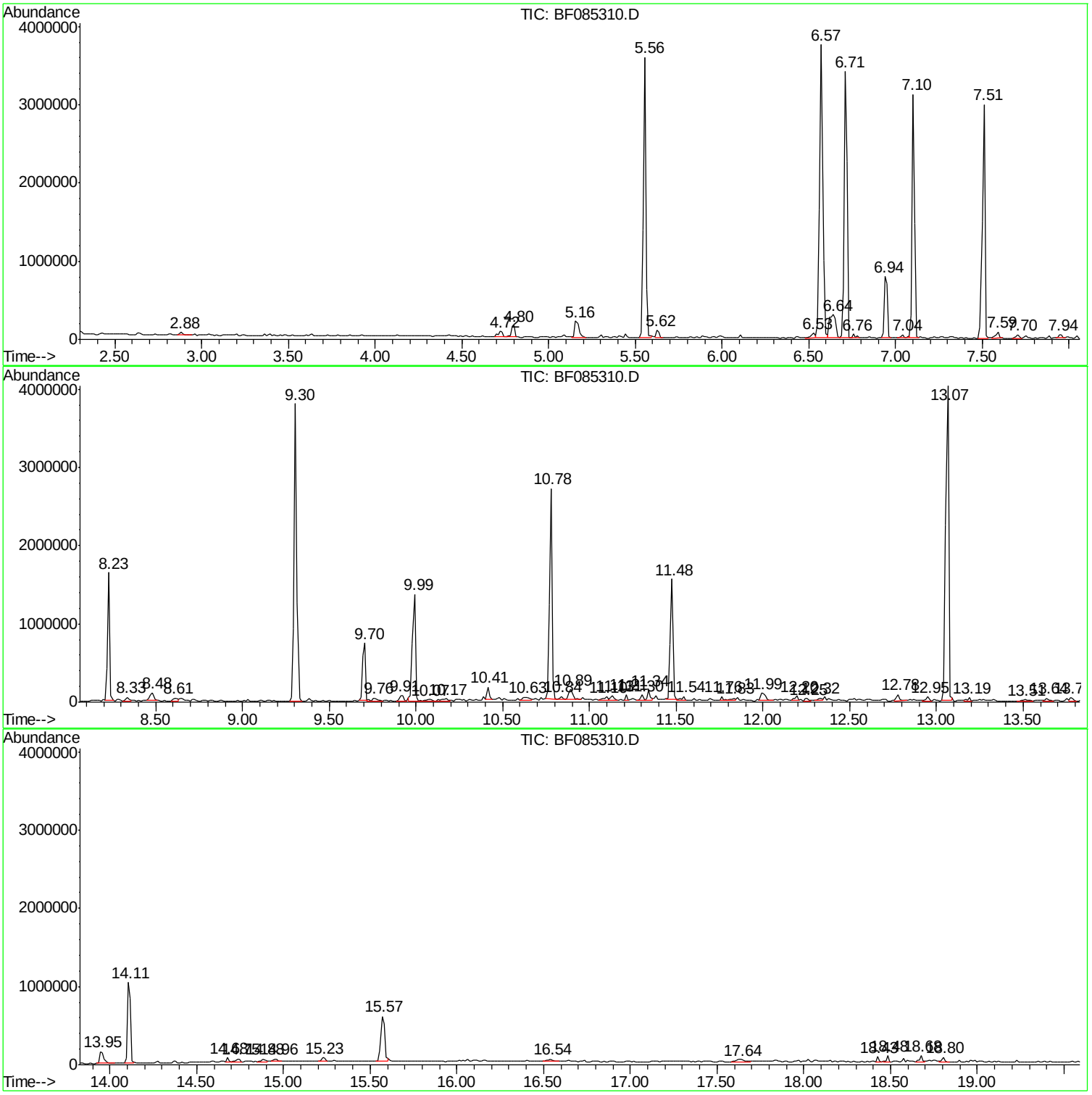
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW-W

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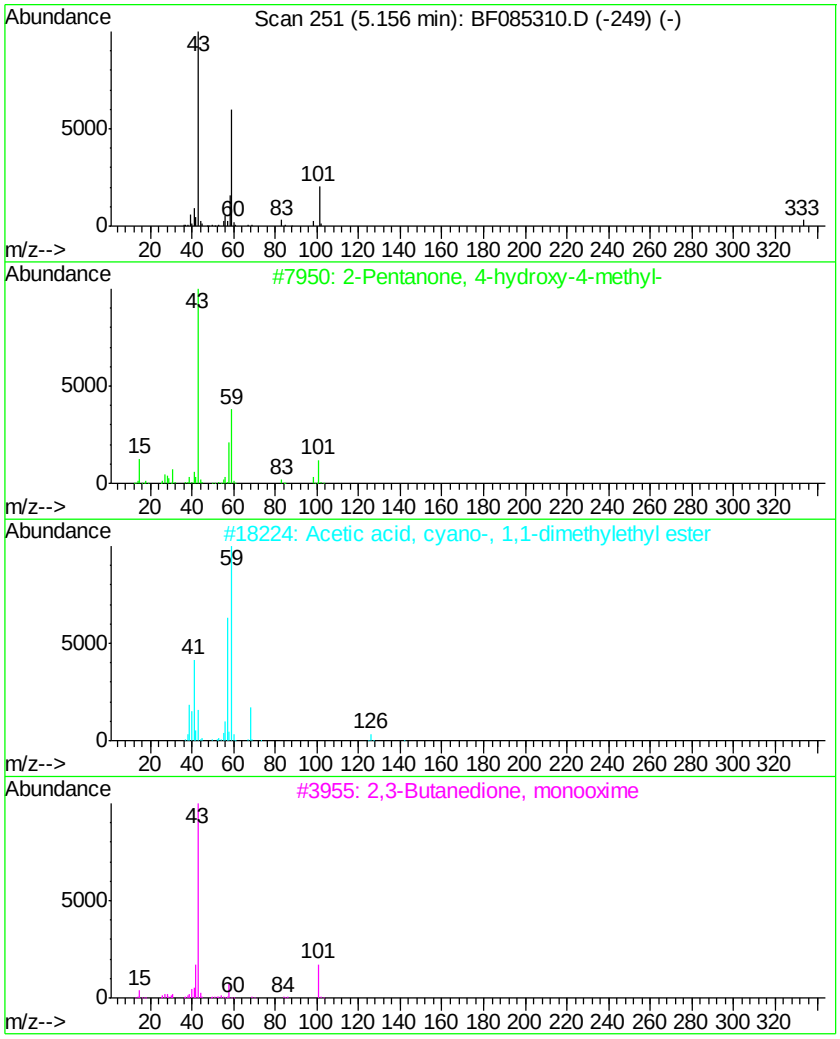
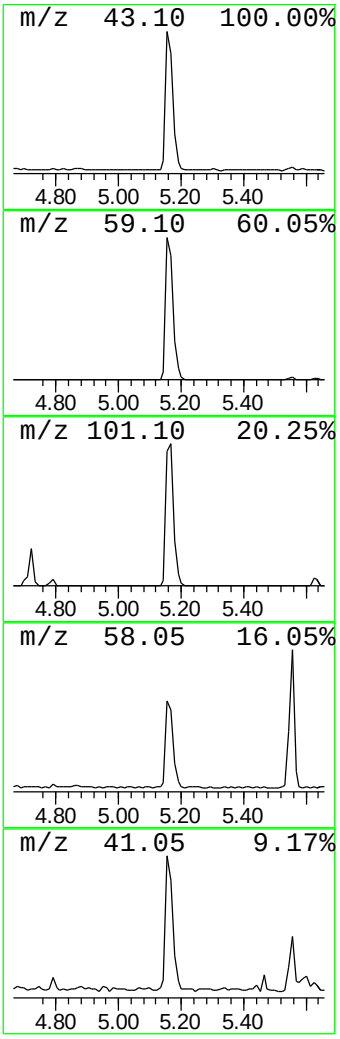
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	6.16 ng	323485	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	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Data File : BF085310.D
Acq On : 9 Mar 2016 20:37
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Sample : H1724-03
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Instrument : BNA_F
ClientSampleId : UST-SW-W

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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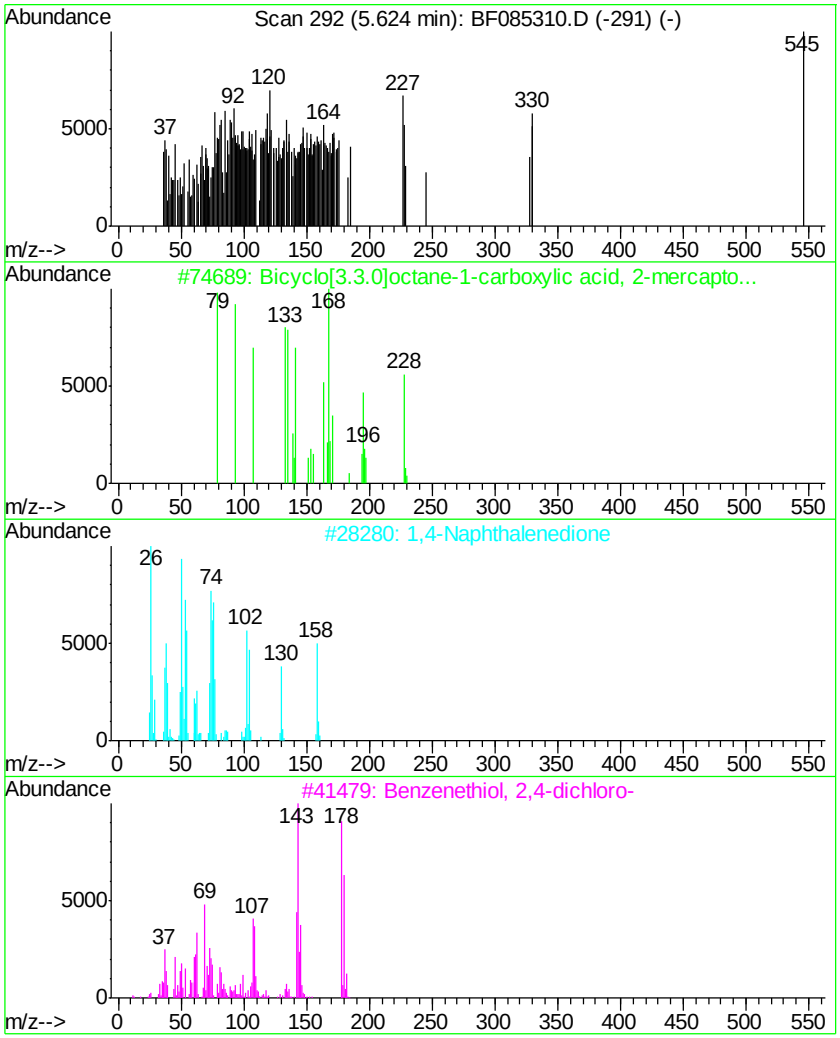
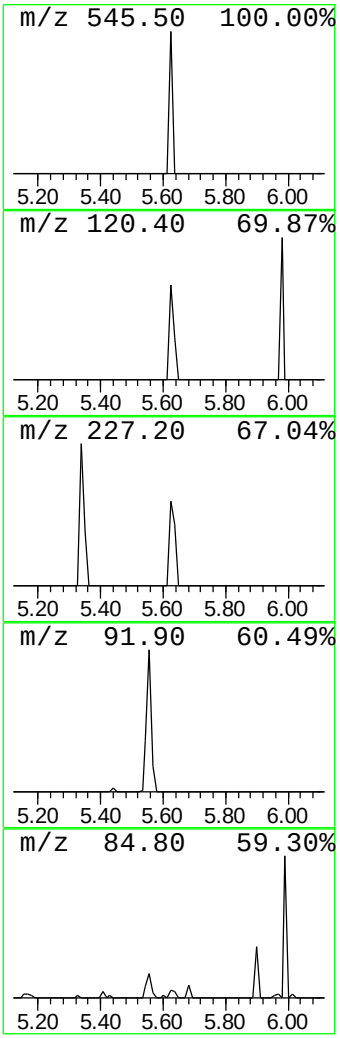
Peak Number 4 unknown5.62 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	2.31 ng	121441	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.3.0]octane-1-carboxyli...	228	C11H16O3S	125212-04-6	44
2	1,4-Naphthalenedione	158	C10H6O2	000130-15-4	18
3	Benzenethiol, 2,4-dichloro-	178	C6H4Cl2S	001122-41-4	10
4	1,2,4,3,5-Triselenadiborolane, 3...	320	C4H10B2Se3	115706-03-1	10
5	1-Propene, 1,1,2,3,3-pentachloro-	214	C3H3Cl5	001600-37-9	10





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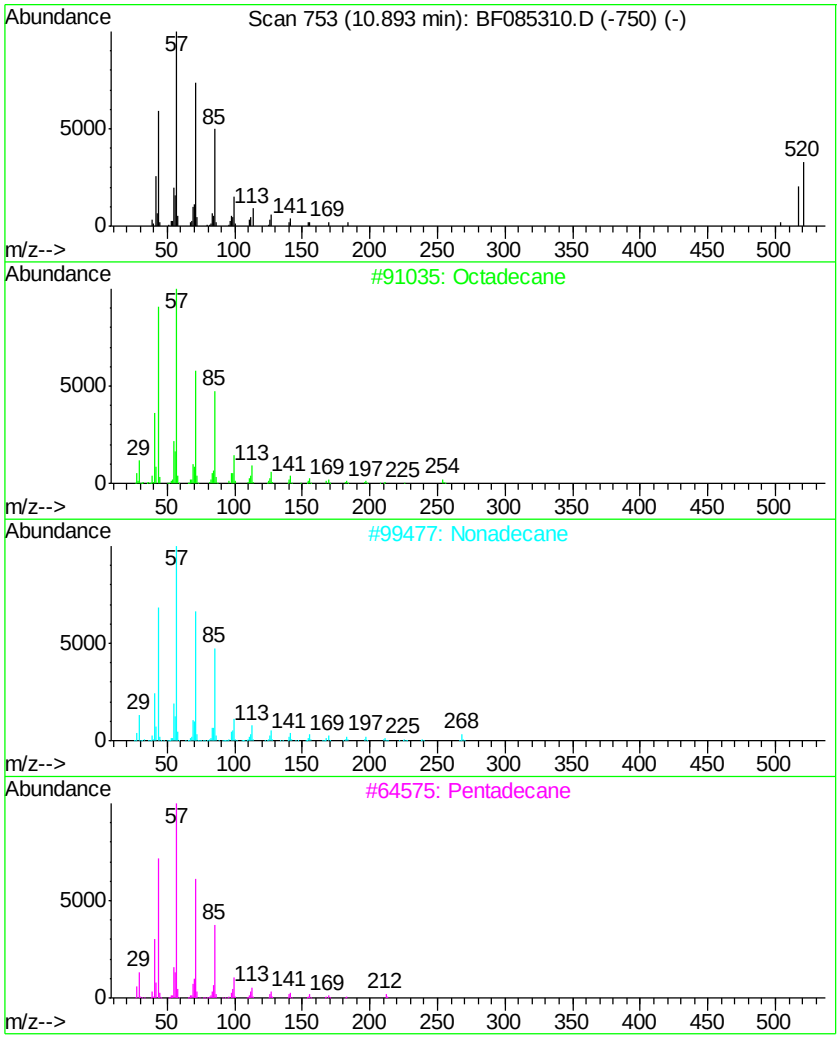
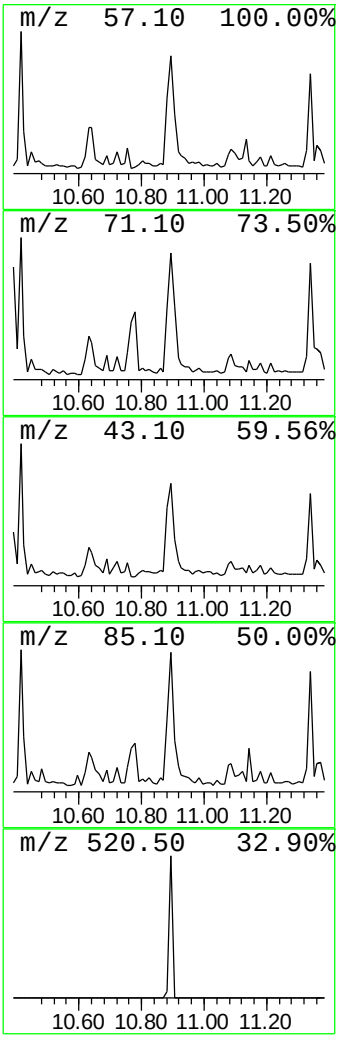
Peak Number 9 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	2.74 ng	216531	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	74
2	Nonadecane	268	C19H40	000629-92-5	72
3	Pentadecane	212	C15H32	000629-62-9	72
4	Eicosane	282	C20H42	000112-95-8	72
5	Heptadecane	240	C17H36	000629-78-7	72





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Instrument : BNA_F
ClientSampleId : UST-SW-W

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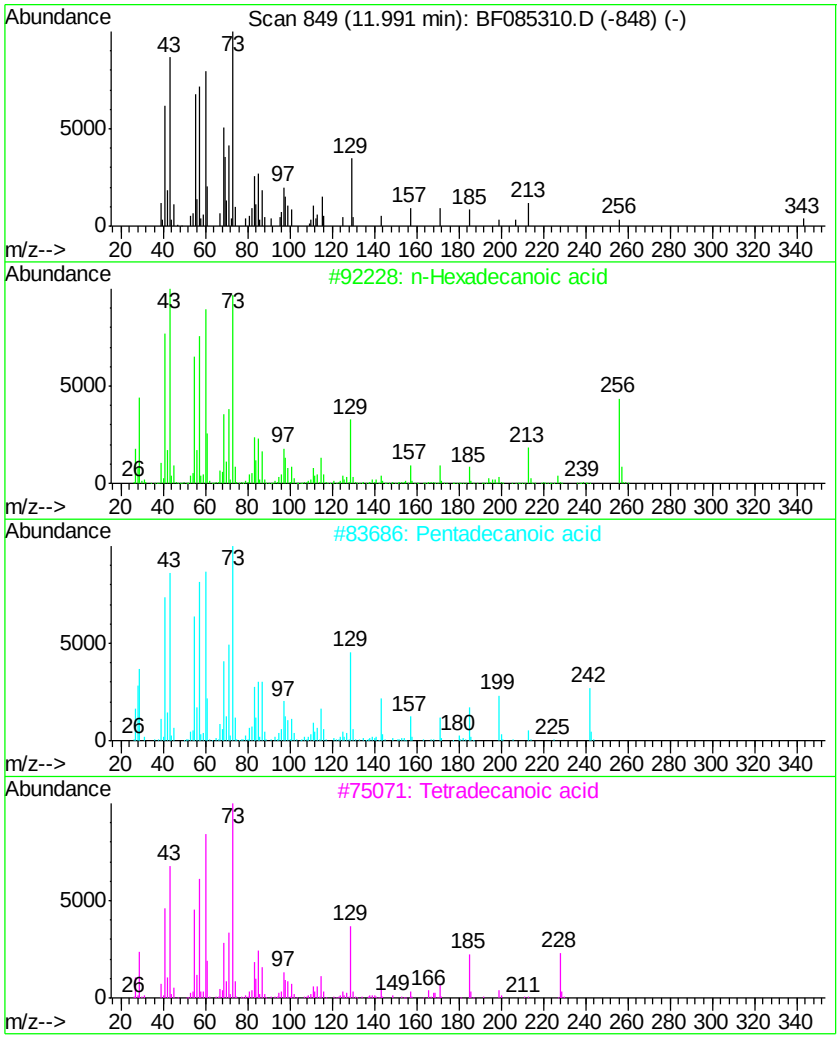
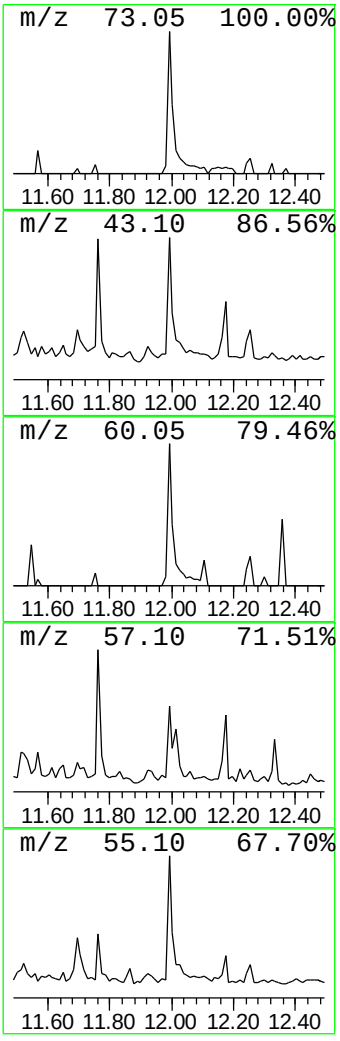
Peak Number 10 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	2.33 ng	183976	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	11
5	1-Tetradecanol, acetate	256	C16H32O2	000638-59-5	11





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Misc :
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Instrument : BNA_F
ClientSampleId : UST-SW-W

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

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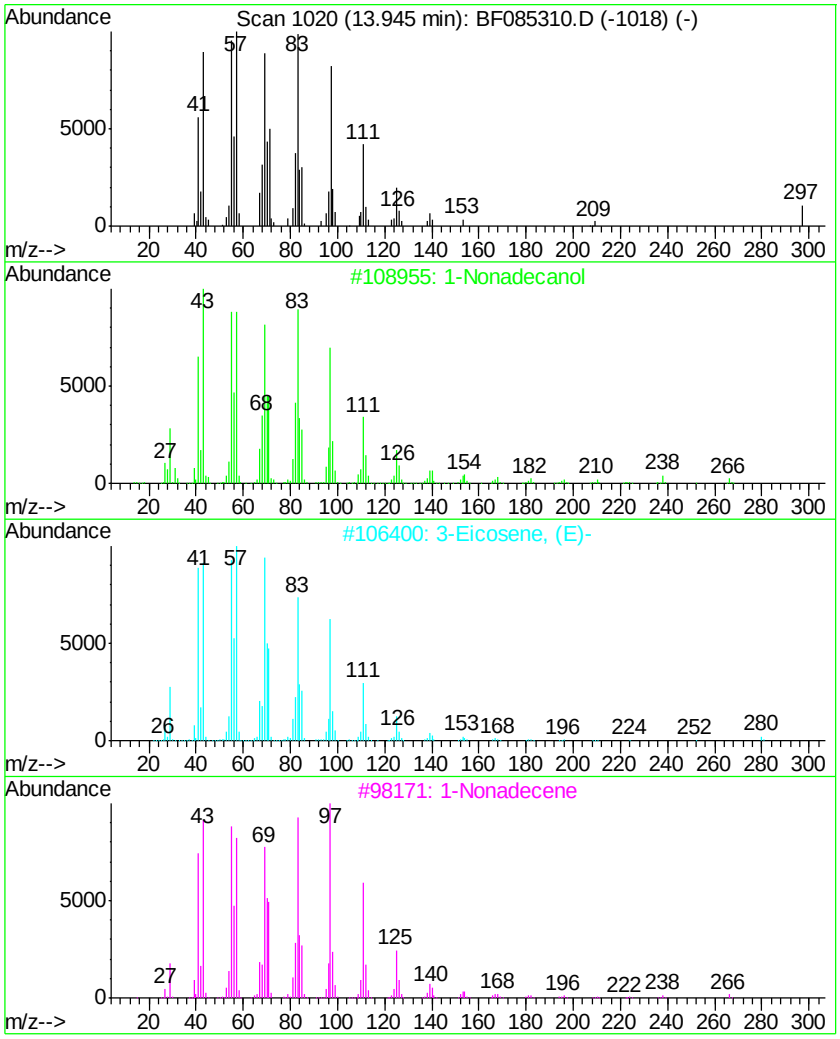
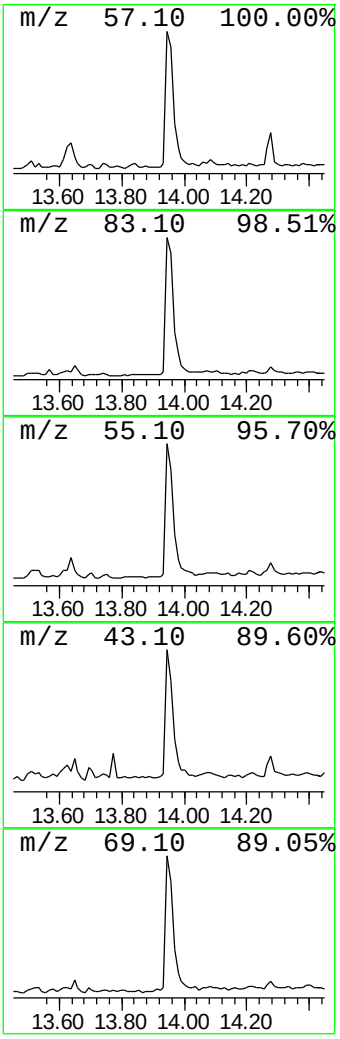
Peak Number 11 1-Nonadecanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	4.00 ng	264830	Chrysene-d12	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecanol	284	C19H40O	001454-84-8	94
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91





Tentatively Identified Compound (LSC) summary

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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...	5.16	6.2	ng	323485	1	6.95	1049720	20.0
unknown5.62	5.62	2.3	ng	121441	1	6.95	1049720	20.0
Octadecane	10.89	2.7	ng	216531	4	11.48	1581580	20.0
n-Hexadecanoic acid	11.99	2.3	ng	183976	4	11.48	1581580	20.0
1-Nonadecanol	13.95	4.0	ng	264830	5	14.12	1322920	20.0