LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090174.D
Acq On : 21 Sep 2016 22:12
Operator : UM/SJ
Sample : H4856-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-10-3-4FT

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-BF092016.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	1.667	5	7	49	rVB	1503772	3597444	100.00%	11.560%
2	4.604	261	264	274	rVB	397425	631295	17.55%	2.029%
3	5.073	302	305	316	rBV	2448116	2726830	75.80%	8.762%
4	6.159	397	400	403	rBV	1976483	2147455	59.69%	6.901%
5	6.273	407	410	412	rBV	2559831	2492684	69.29%	8.010%
6	6.502	428	430	433	rBV	639134	652396	18.13%	2.096%
7	6.662	442	444	446	rBV	2115012	1902816	52.89%	6.115%
8	7.073	477	480	483	rBV	1329674	1403100	39.00%	4.509%
9	7.793	540	543	545	rBV	935296	898382	24.97%	2.887%
10	8.879	635	638	640	rBV	1641387	2176089	60.49%	6.993%
11	9.279	670	673	675	rVV	709681	792915	22.04%	2.548%
12	9.531	693	695	697	rVV	814607	894542	24.87%	2.875%
13	9.565	697	698	703	rVB	57329	50532	1.40%	0.162%
14	9.736	711	713	715	rBV	32141	41195	1.15%	0.132%
15	9.942	728	731	734	rBV2	24265	39143	1.09%	0.126%
16	9.999	734	736	737	rVV	52017	47226	1.31%	0.152%
17	10.079	741	743	744	rBV	40847	46292	1.29%	0.149%
18	10.216	752	755	761	rBV2	28961	66765	1.86%	0.215%
19	10.319	761	764	766	rBV	1362879	1380572	38.38%	4.436%
20	10.468	774	777	780	rVB	78095	133107	3.70%	0.428%
21	10.914	814	816	817	rVV2	54200	59730	1.66%	0.192%
22	11.005	821	824	828	rBV2	789280	1097116	30.50%	3.525%
23	11.074	828	830	833	rVB	68146	75573	2.10%	0.243%
24	11.336	851	853	854	rBV	56444	54271	1.51%	0.174%
25	11.496	865	867	869	rBV	39156	69529	1.93%	0.223%
26	11.531	869	870	872	rVV	80696	69819	1.94%	0.224%
27	11.565	872	873	875	rVV2	86267	106310	2.96%	0.342%
28	11.611	875	877	881	rVB2	84585	142191	3.95%	0.457%
29	11.736	886	888	890	rVV	48400	45598	1.27%	0.147%
30	11.794	892	893	897	rVB2	26496	54674	1.52%	0.176%
31	12.045	913	915	917	rBV	42620	53708	1.49%	0.173%
32	12.102	917	920	921	rVV2	30973	47876	1.33%	0.154%
33	12.125	921	922	926	rVB2	51353	54662	1.52%	0.176%
34	12.194	926	928	931	rBV	314740	434562	12.08%	1.396%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H4856-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-10-3-4FT

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-BF092016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.342	938	941	945	rBV2	33875	52581	1.46%	0.169%
36	12.422	945	948	950	rVV	456057	476884	13.26%	1.532%
37	12.491	952	954	957	rVB2	36065	52139	1.45%	0.168%
38	12.582	960	962	965	rVV	1542864	1484731	41.27%	4.771%
39	12.651	965	968	972	rVV3	32356	78859	2.19%	0.253%
40	12.754	972	977	979	rVB2	58708	111526	3.10%	0.358%
41	12.822	979	983	984	rBV	43633	58649	1.63%	0.188%
42	12.857	984	986	988	rVV2	55187	84051	2.34%	0.270%
43	12.971	992	996	1002	rVB3	28422	77276	2.15%	0.248%
44	13.154	1009	1012	1013	rBV2	17867	40768	1.13%	0.131%
45	13.257	1017	1021	1023	rBV2	24079	47866	1.33%	0.154%
46	13.359	1028	1030	1031	rBV2	28258	37104	1.03%	0.119%
47	13.394	1031	1033	1038	rVV3	41212	105272	2.93%	0.338%
48	13.497	1041	1042	1048	rVB3	128235	158154	4.40%	0.508%
49	13.611	1049	1052	1059	rVV2	813025	1195230	33.22%	3.841%
50	13.714	1059	1061	1062	rVV2	38034	42520	1.18%	0.137%
51	13.748	1062	1064	1067	rVV4	14431	38438	1.07%	0.124%
52	13.828	1068	1071	1078	rVB3	24269	84593	2.35%	0.272%
53	14.000	1084	1086	1087	rBV	38285	37032	1.03%	0.119%
54	14.125	1095	1097	1102	rVB3	34365	70874	1.97%	0.228%
55	14.297	1110	1112	1114	rBV3	19743	36126	1.00%	0.116%
56	14.594	1135	1138	1142	rBV	230415	403956	11.23%	1.298%
57	14.674	1143	1145	1147	rBV2	29817	42896	1.19%	0.138%
58	14.834	1157	1159	1161	rBV	135509	140913	3.92%	0.453%
59	14.880	1161	1163	1166	rVV	168746	197534	5.49%	0.635%
60	14.937	1166	1168	1173	rVB	731739	855942	23.79%	2.750%
61	15.394	1206	1208	1211	rVB3	31496	55050	1.53%	0.177%
62	16.091	1266	1269	1273	rVB2	98553	169263	4.71%	0.544%
63	16.228	1278	1281	1283	rBV3	22353	50160	1.39%	0.161%
64	16.274	1283	1285	1290	rVB4	22917	47432	1.32%	0.152%
65	16.434	1296	1299	1305	rVB	88125	205395	5.71%	0.660%
66	16.617	1313	1315	1322	rVB2	19583	50723	1.41%	0.163%
67	17.428	1384	1386	1390	rVV4	19530	43279	1.20%	0.139%

Sum of corrected areas: 31119615

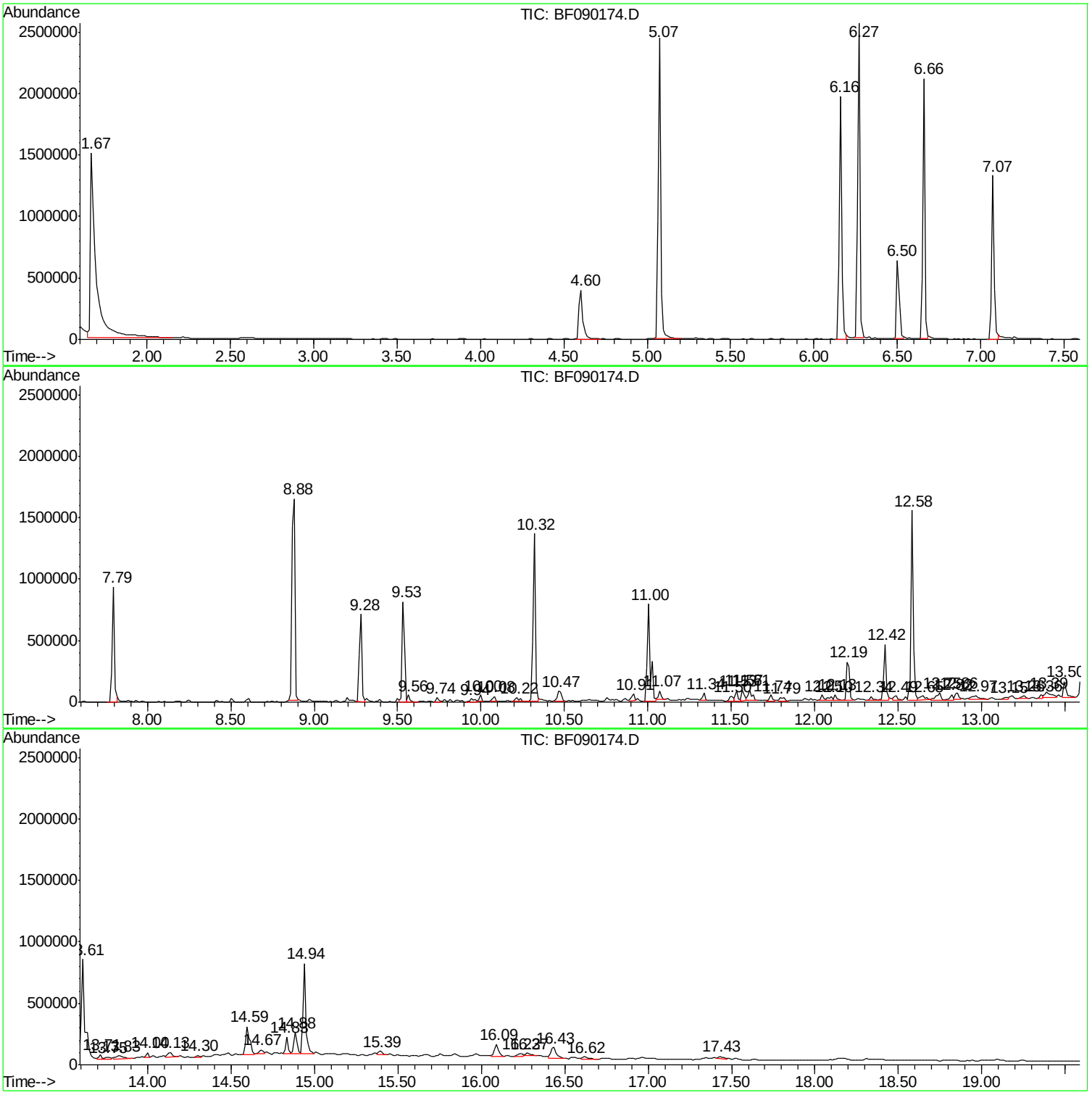
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090174.D
Acq On : 21 Sep 2016 22:12
Operator : UM/SJ
Sample : H4856-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-10-3-4FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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TIC Library : C:\Database\NIST11.L
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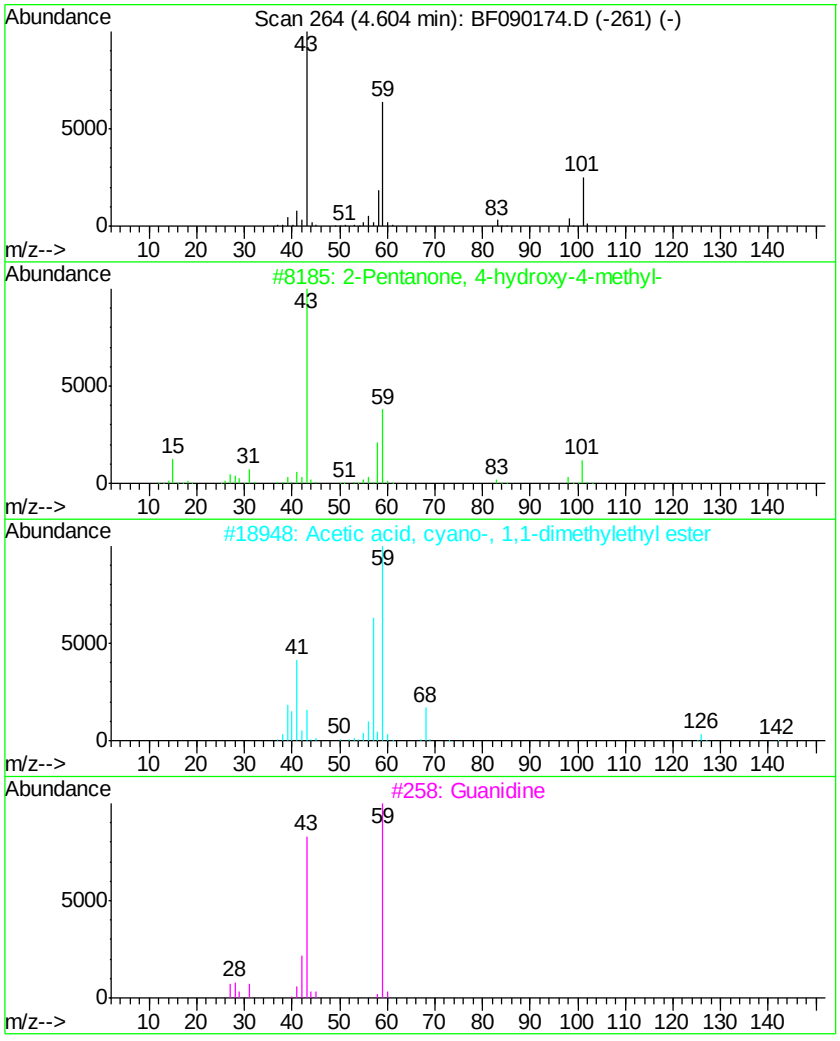
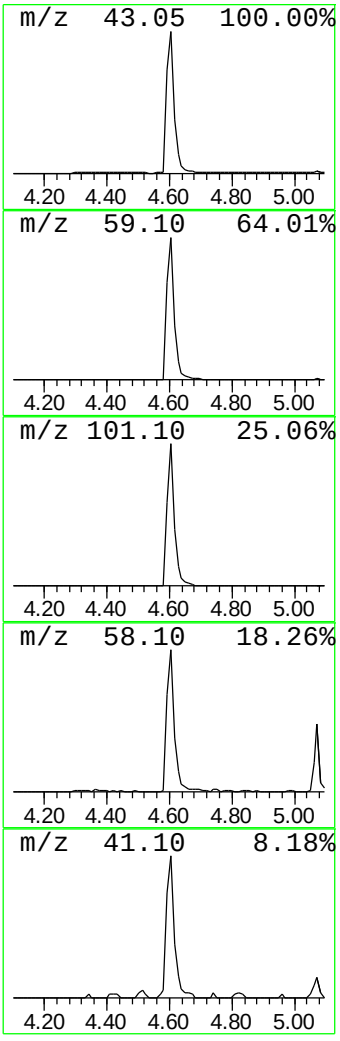
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	19.35 ng	631295	1,4-Dichlorobenzene-d4	6.50

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	17
3	Guanidine	59	CH5N3	000113-00-8	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090174.D
Acq On : 21 Sep 2016 22:12
Operator : UM/SJ
Sample : H4856-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-10-3-4FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

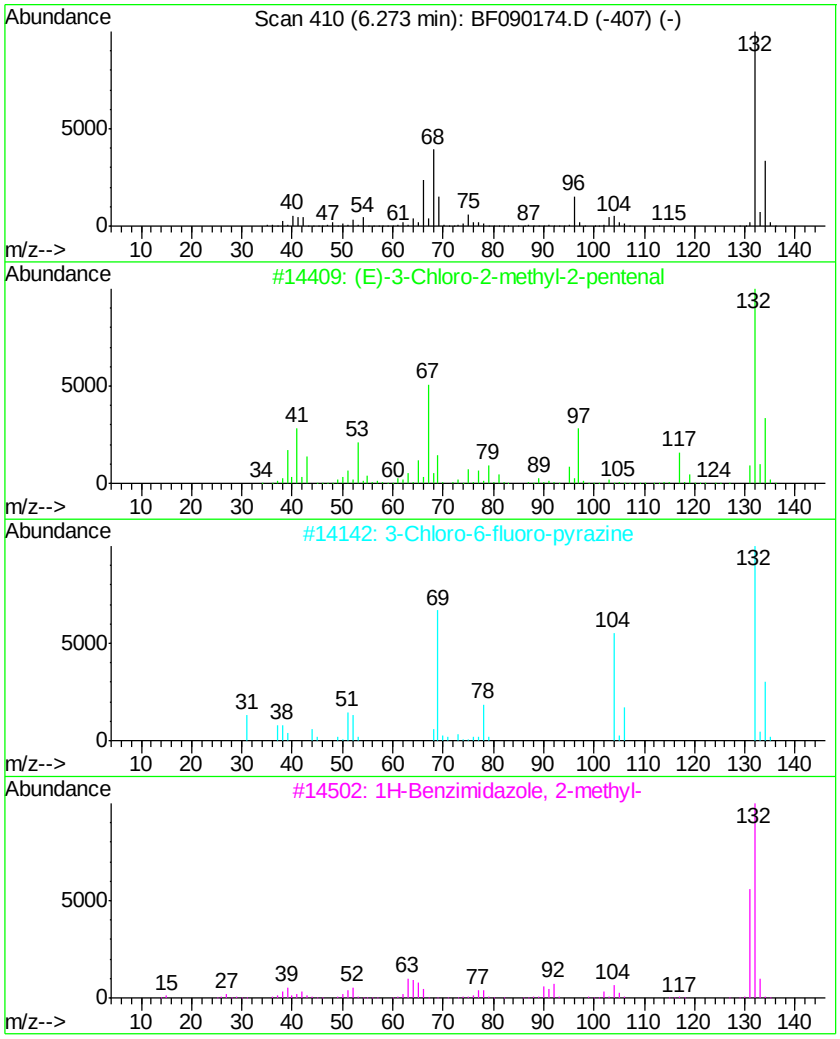
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

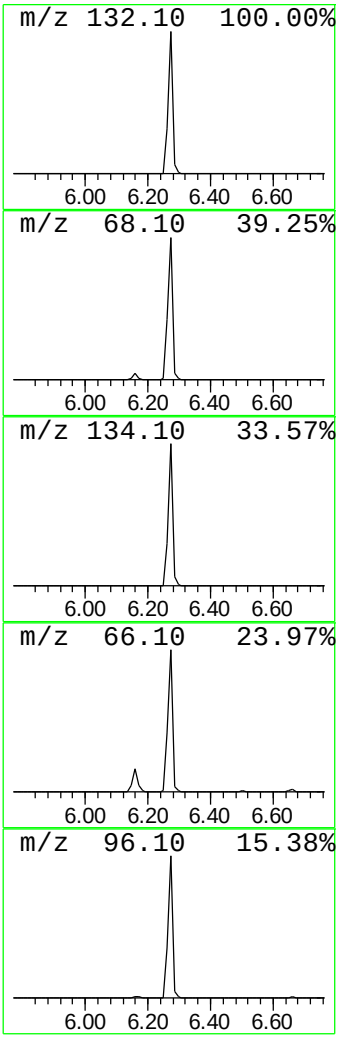
****

Peak Number 3 unknown6.27 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	76.42 ng	2492680	1,4-Dichlorobenzene-d4	6.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	5-Aminoindole	132	C8H8N2	005192-03-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
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Instrument : BNA_F
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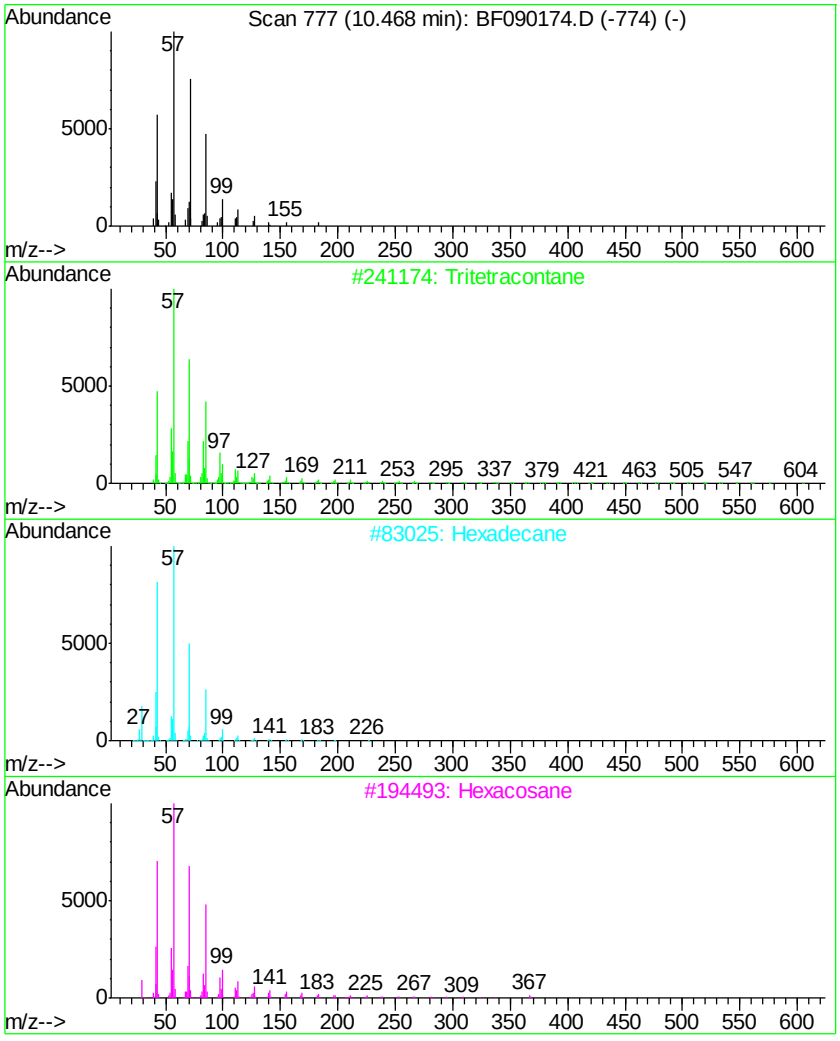
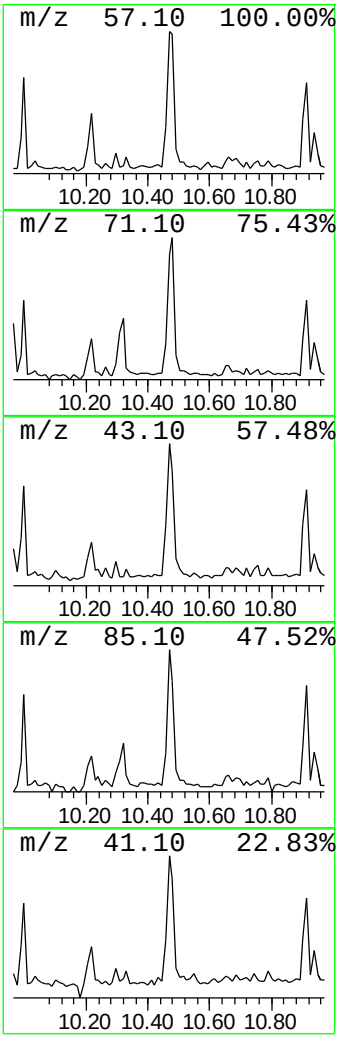
****

Peak Number 5 Tritetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	2.43 ng	133107	Phenanthrene-d10	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Pentadecane	212	C15H32	000629-62-9	86
5	Octacosane	394	C28H58	000630-02-4	86





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Sample : H4856-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-10-3-4FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
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TIC Library : C:\Database\NIST11.L
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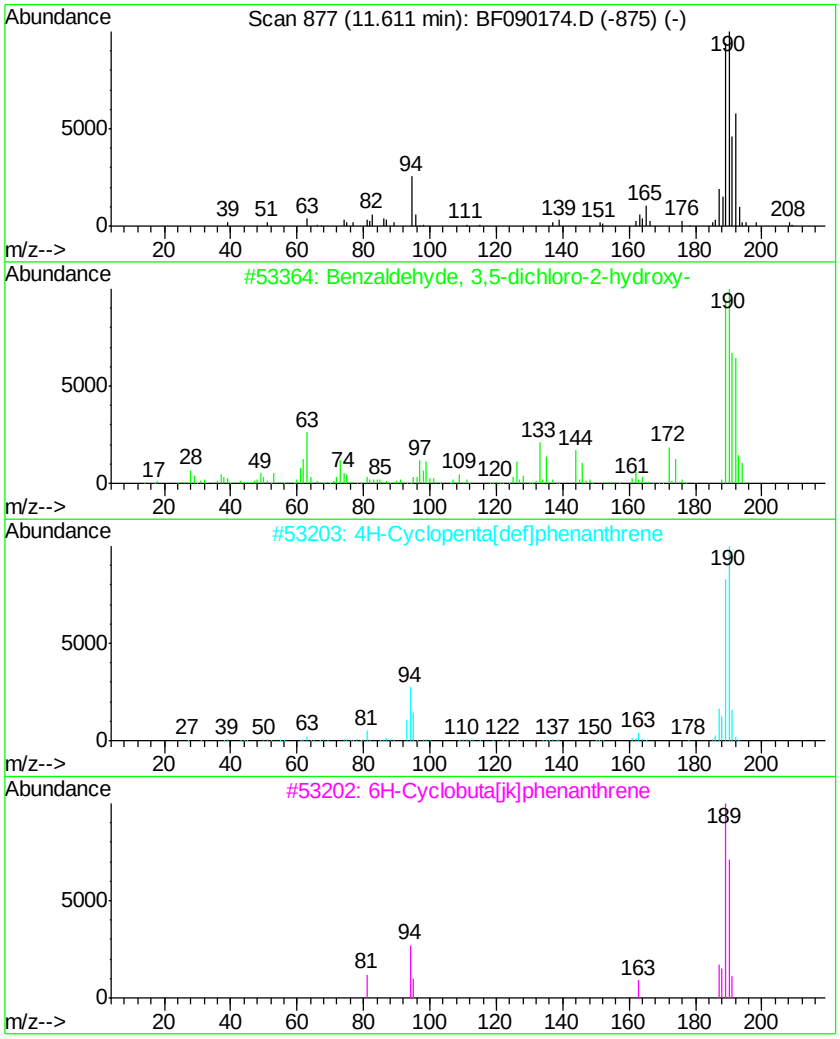
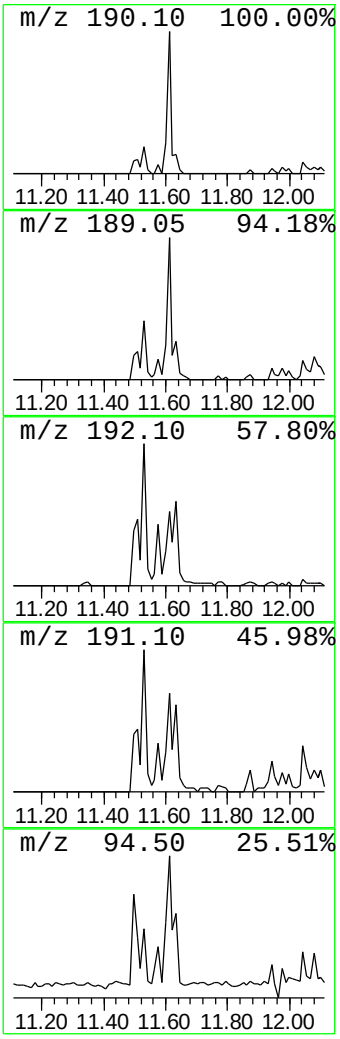
****

Peak Number 6 Benzaldehyde, 3,5-dichloro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	2.59 ng	142191	Phenanthrene-d10	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-10-3-4FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

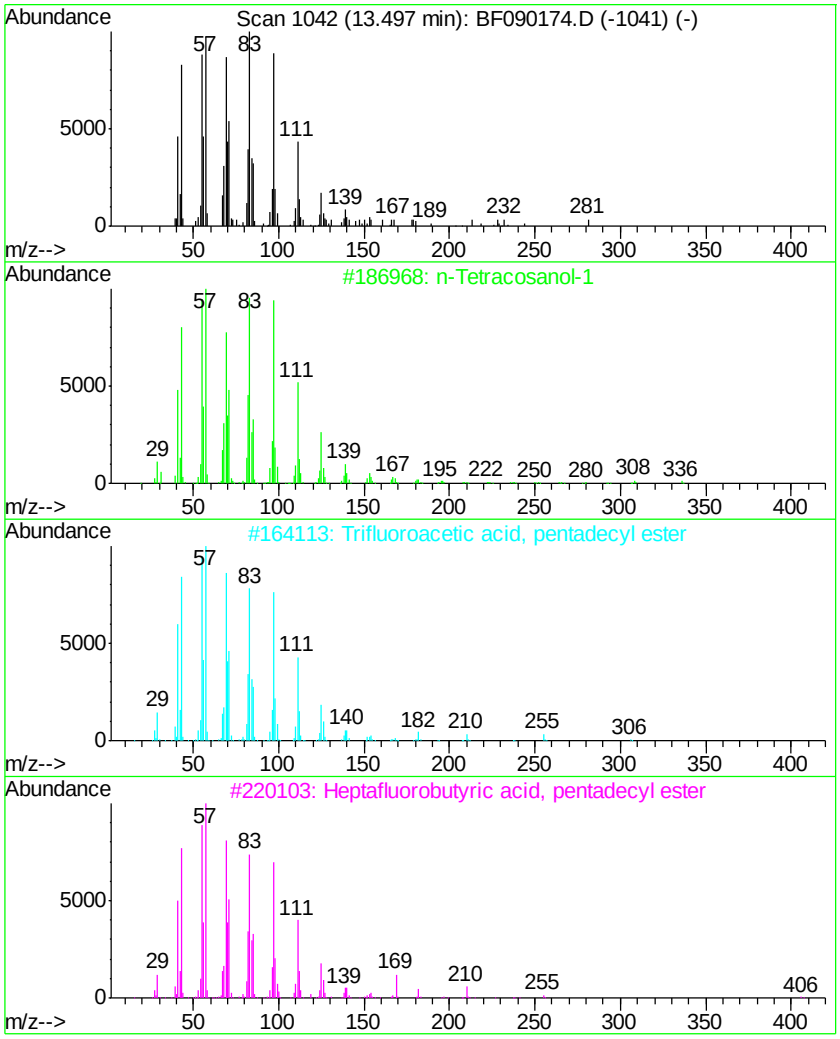
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

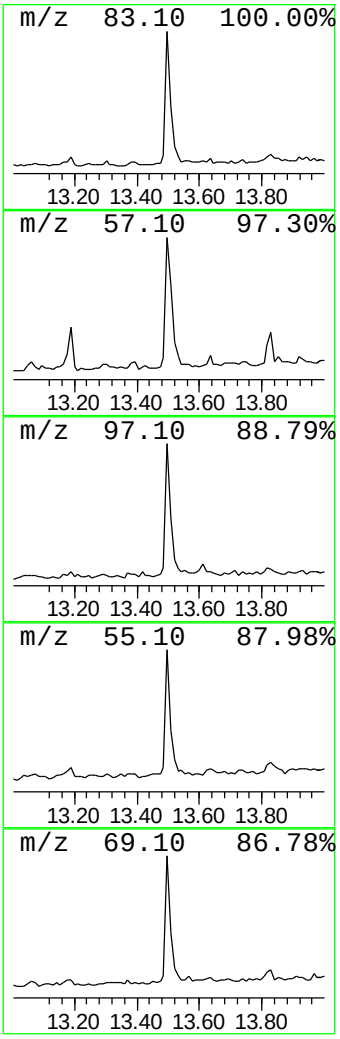
****

Peak Number 7 n-Tetracosanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	2.65 ng	158154	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	94





Tentatively Identified Compound (LSC) summary

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Data File : BF090174.D
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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-BF092016.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...	4.60	19.4	ng	631295	1	6.50	652396	20.0
unknown6.27	6.27	76.4	ng	2492680	1	6.50	652396	20.0
Tritetracontane	10.47	2.4	ng	133107	4	11.00	1097120	20.0
Benzaldehyde, 3,5...	11.61	2.6	ng	142191	4	11.00	1097120	20.0
n-Tetracosanol-1	13.50	2.6	ng	158154	5	13.61	1195230	20.0