LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092128.D
Acq On : 6 Jan 2017 20:27
Operator : UM/SJ
Sample : I1045-02 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP2

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-BF122116.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	4.756	249	251	261	rVB	541574	822926	46.40%	4.116%
2	5.259	293	295	305	rVB	433279	679516	38.31%	3.398%
3	6.310	386	387	392	rBV2	785521	1039878	58.63%	5.201%
4	6.413	395	396	399	rVV	622670	866784	48.87%	4.335%
5	6.482	399	402	405	rVB	13101	23043	1.30%	0.115%
6	6.642	413	416	418	rBV	1484659	1255323	70.78%	6.278%
7	6.790	427	429	432	rBV	708075	922025	51.99%	4.611%
8	7.213	463	466	468	rBV	512364	718496	40.51%	3.593%
9	7.259	468	470	471	rVB	34484	29955	1.69%	0.150%
10	7.453	485	487	489	rVB3	19504	25986	1.47%	0.130%
11	7.567	493	497	498	rVB2	16817	26643	1.50%	0.133%
12	7.933	526	529	531	rBV	1454961	1773636	100.00%	8.871%
13	8.002	534	535	541	rVB3	15679	35929	2.03%	0.180%
14	8.230	551	555	559	rBV5	12685	35550	2.00%	0.178%
15	8.368	565	567	571	rVB2	37755	53870	3.04%	0.269%
16	8.539	580	582	584	rBV	41681	55162	3.11%	0.276%
17	8.642	588	591	593	rVB2	41445	47850	2.70%	0.239%
18	8.745	598	600	603	rBV2	19625	35273	1.99%	0.176%
19	8.962	618	619	621	rVB	35303	25398	1.43%	0.127%
20	9.008	621	623	625	rVB	1512754	1291318	72.81%	6.458%
21	9.099	627	631	633	rBV	83108	95819	5.40%	0.479%
22	9.156	633	636	639	rVB4	15661	26267	1.48%	0.131%
23	9.271	643	646	648	rBV	21364	42395	2.39%	0.212%
24	9.339	650	652	653	rVV	40030	43318	2.44%	0.217%
25	9.408	655	658	660	rVV	155367	187563	10.58%	0.938%
26	9.442	660	661	665	rVB4	15656	34246	1.93%	0.171%
27	9.625	675	677	679	rBV	89286	69414	3.91%	0.347%
28	9.671	679	681	683	rVV	1265567	1511750	85.23%	7.561%
29	9.705	683	684	686	rVB	76673	69067	3.89%	0.345%
30	9.876	693	699	701	rBV	54249	92748	5.23%	0.464%
31	9.945	704	705	707	rVV2	29736	26519	1.50%	0.133%
32	9.991	707	709	715	rVV7	15795	41217	2.32%	0.206%
33	10.082	715	717	719	rBV2	16828	35451	2.00%	0.177%
34	10.116	719	720	723	rVV	56834	75144	4.24%	0.376%

LSC Area Percent Report

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Sample : I1045-02 5X
Misc :
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Instrument : BNA_F
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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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.219	727	729	733	rVB	68402	68439	3.86%	0.342%
36	10.345	736	740	742	rBV2	46265	103437	5.83%	0.517%
37	10.459	748	750	752	rBV2	192743	223362	12.59%	1.117%
38	10.596	760	762	765	rBV2	101166	155223	8.75%	0.776%
39	10.882	785	787	789	rBV3	11124	23627	1.33%	0.118%
40	11.042	796	801	802	rBV2	93835	135411	7.63%	0.677%
41	11.156	808	811	812	rBV	1252093	1420124	80.07%	7.102%
42	11.225	815	817	819	rVB	93446	92557	5.22%	0.463%
43	11.271	819	821	823	rBV3	14720	27118	1.53%	0.136%
44	11.396	829	832	835	rBV3	34550	63357	3.57%	0.317%
45	11.465	836	838	843	rVB2	90109	109902	6.20%	0.550%
46	11.568	845	847	850	rBV2	25836	25220	1.42%	0.126%
47	11.659	853	855	856	rBV	35258	47223	2.66%	0.236%
48	11.682	856	857	860	rVB	48202	49872	2.81%	0.249%
49	11.762	862	864	869	rVB	74426	115912	6.54%	0.580%
50	11.865	869	873	877	rBV3	47300	146330	8.25%	0.732%
51	11.945	877	880	881	rBV3	22829	47289	2.67%	0.237%
52	11.979	881	883	886	rVB2	35896	50111	2.83%	0.251%
53	12.025	886	887	890	rBV3	20004	47594	2.68%	0.238%
54	12.082	890	892	895	rBV3	25338	57970	3.27%	0.290%
55	12.208	901	903	906	rBV3	50598	146654	8.27%	0.733%
56	12.265	906	908	909	rVB2	42865	65909	3.72%	0.330%
57	12.357	915	916	918	rVB	268571	249058	14.04%	1.246%
58	12.402	918	920	923	rVB4	23661	48626	2.74%	0.243%
59	12.585	933	936	938	rBV	256343	288648	16.27%	1.444%
60	12.631	938	940	944	rVV3	60646	111280	6.27%	0.557%
61	12.734	947	949	953	rVB	963487	958421	54.04%	4.793%
62	12.917	963	965	967	rVB	64108	63784	3.60%	0.319%
63	12.985	969	971	972	rVB	96044	86075	4.85%	0.430%
64	13.019	972	974	977	rBV3	48275	106418	6.00%	0.532%
65	13.328	999	1001	1002	rBV	96327	74121	4.18%	0.371%
66	13.660	1028	1030	1032	rBV2	126387	175909	9.92%	0.880%
67	13.785	1038	1041	1043	rBV	1237202	1505790	84.90%	7.531%
68	15.157	1158	1161	1163	rBV	789901	988511	55.73%	4.944%

Sum of corrected areas: 19994761

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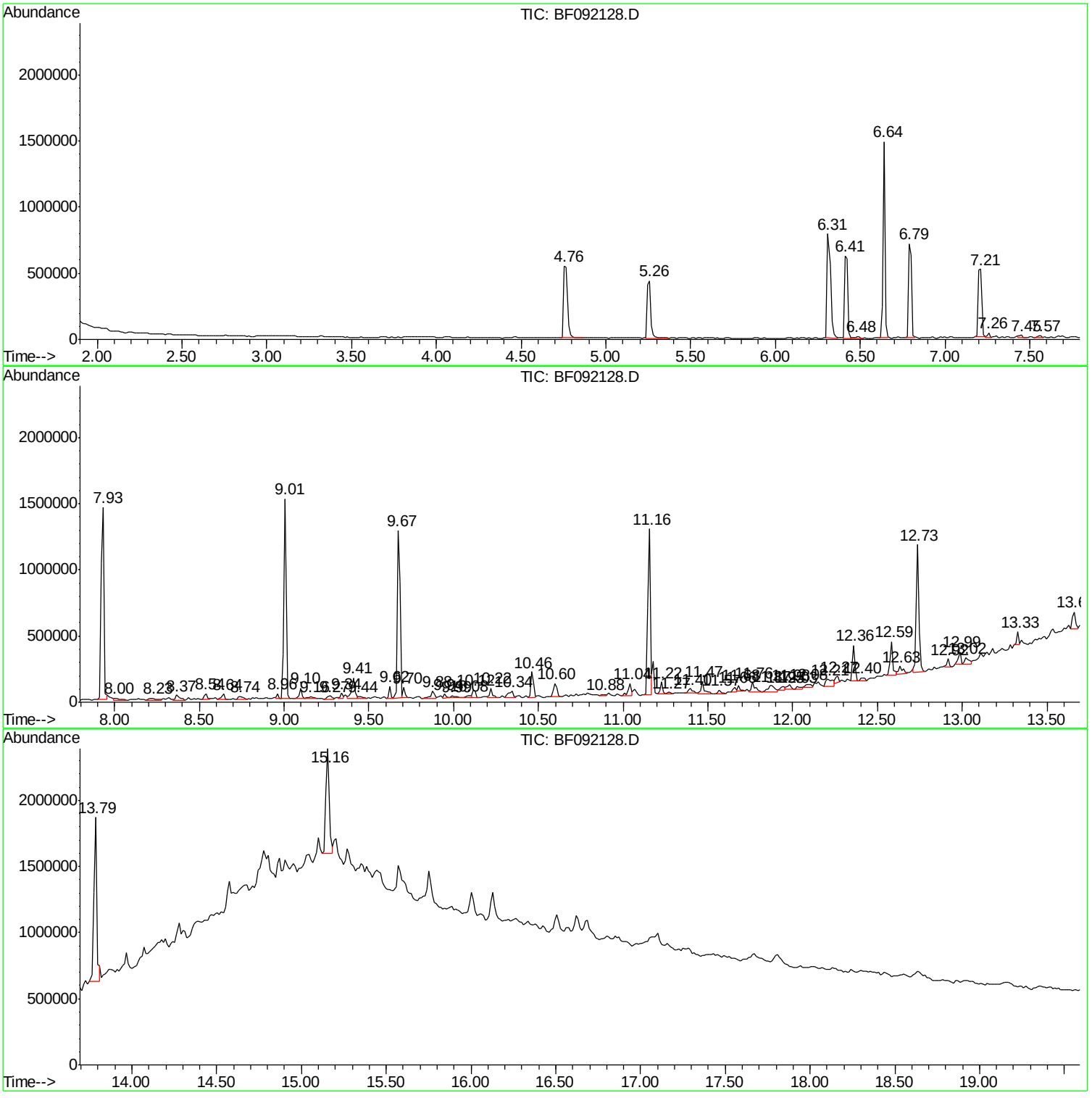
Data File : BF092128.D
Acq On : 6 Jan 2017 20:27
Operator : UM/SJ
Sample : I1045-02 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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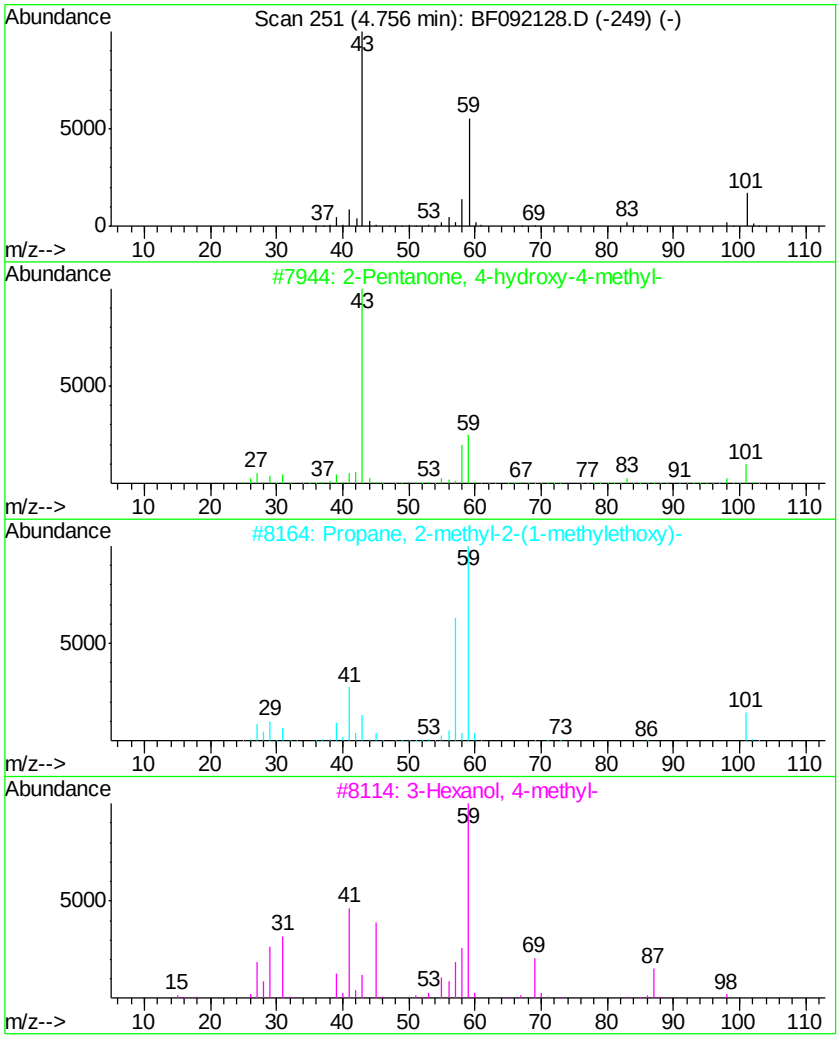
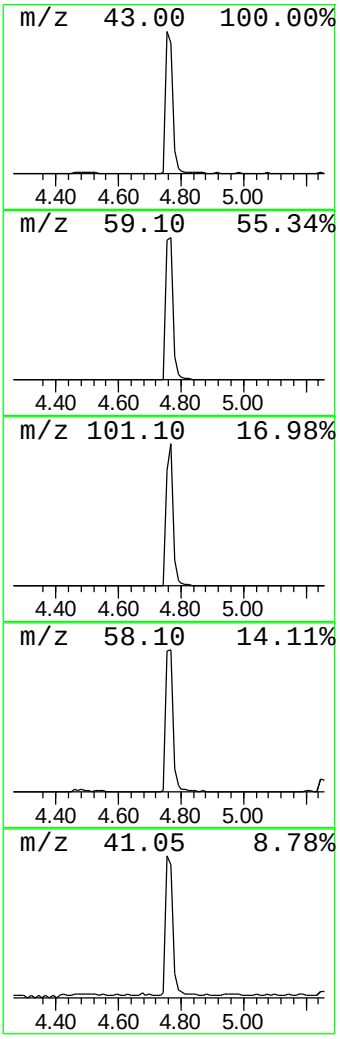
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	13.11 ng	822926	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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Data File : BF092128.D
Acq On : 6 Jan 2017 20:27
Operator : UM/SJ
Sample : I1045-02 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

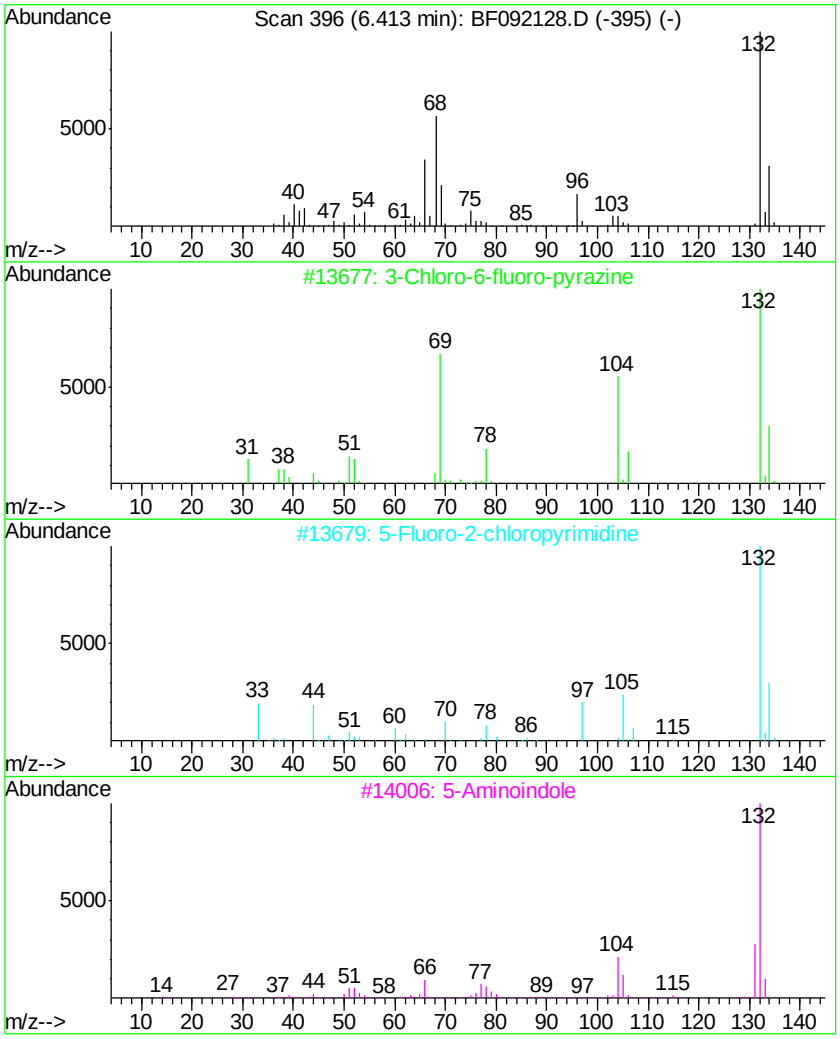
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

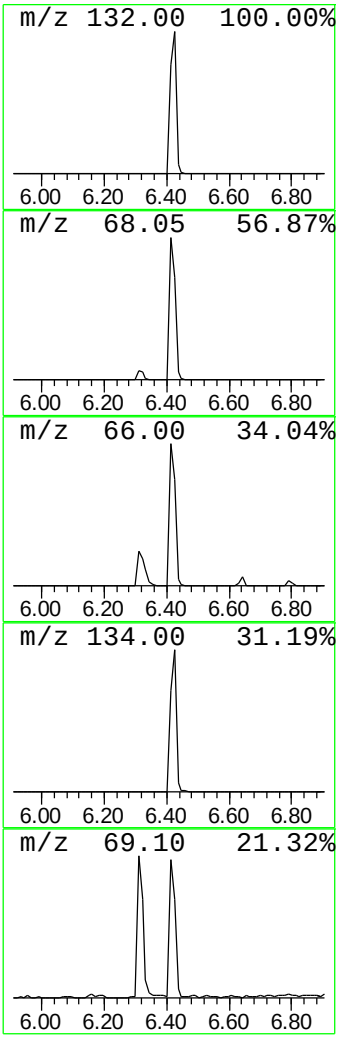
****

Peak Number 2 unknown6.41 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	13.81 ng	866784	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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TIC Library : C:\DATABASE\NIST02.L
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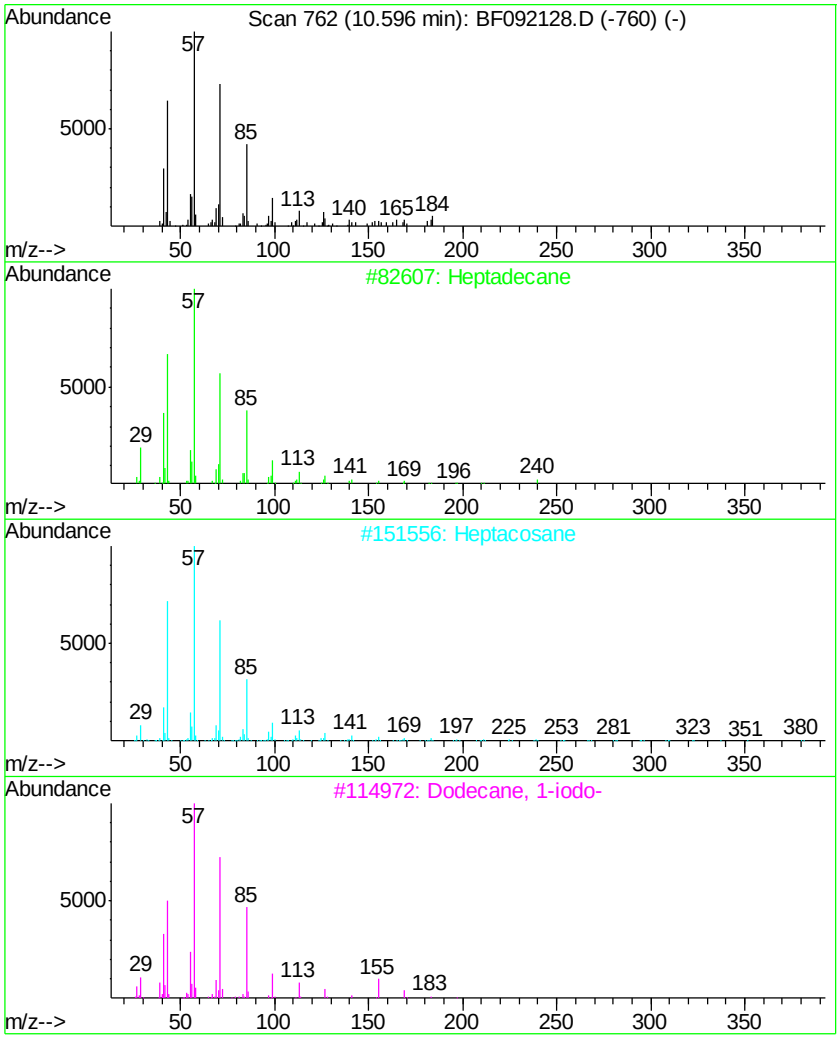
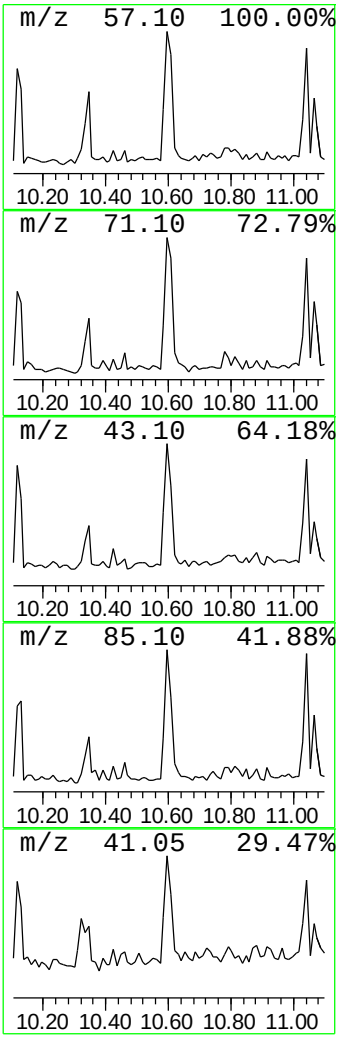
Peak Number 4 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	2.19 ng	155223	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Heptacosane	380	C27H56	000593-49-7	86
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Eicosane	282	C20H42	000112-95-8	83
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
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Operator : UM/SJ
Sample : I1045-02 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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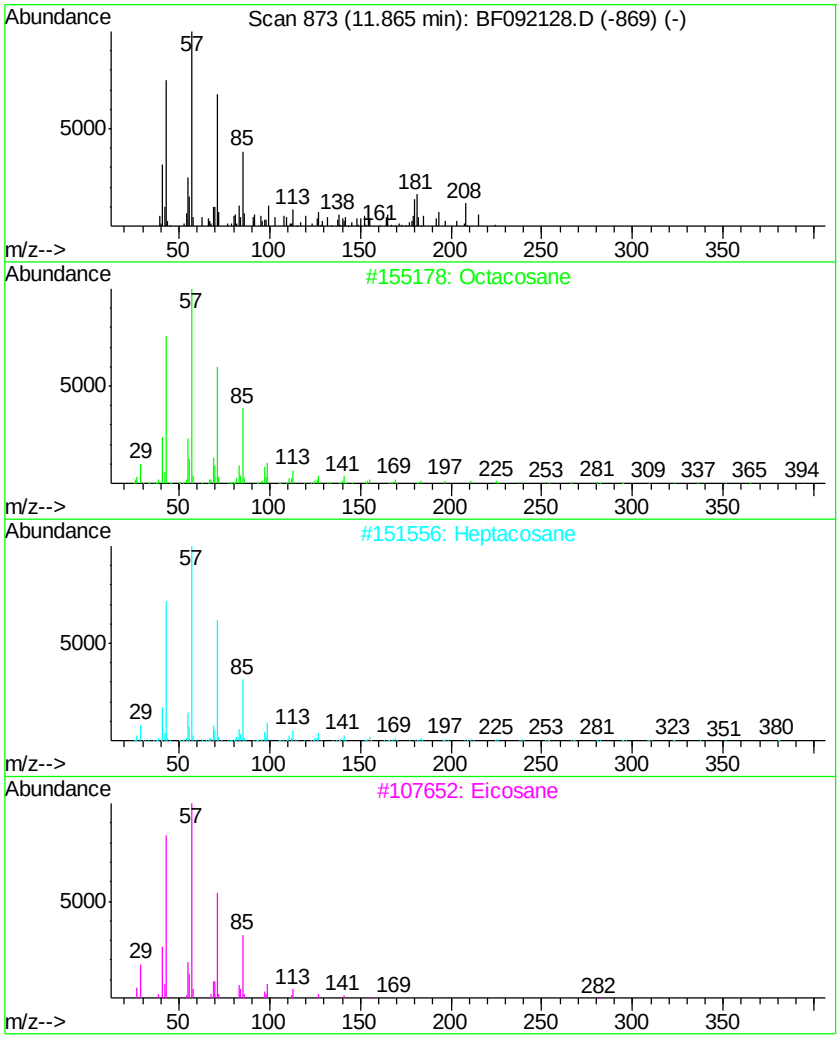
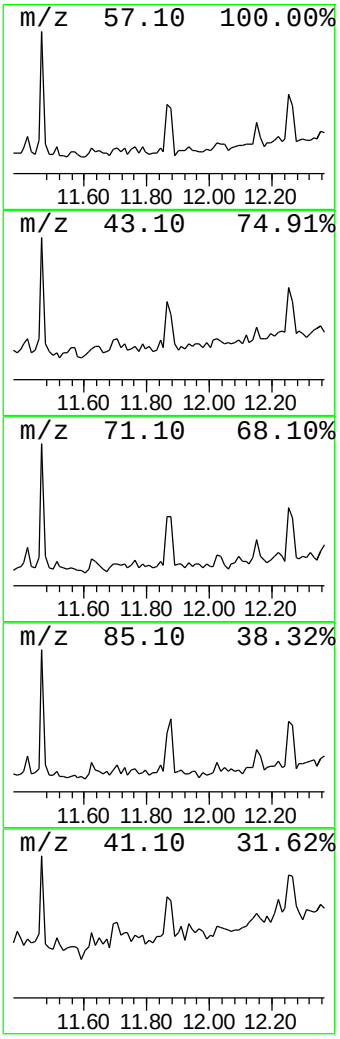
Peak Number 5 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.06 ng	146330	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	62
2	Heptacosane	380	C27H56	000593-49-7	58
3	Eicosane	282	C20H42	000112-95-8	58
4	Octadecane	254	C18H38	000593-45-3	58
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	58





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Misc :
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Instrument : BNA_F
ClientSampleId : P3-SP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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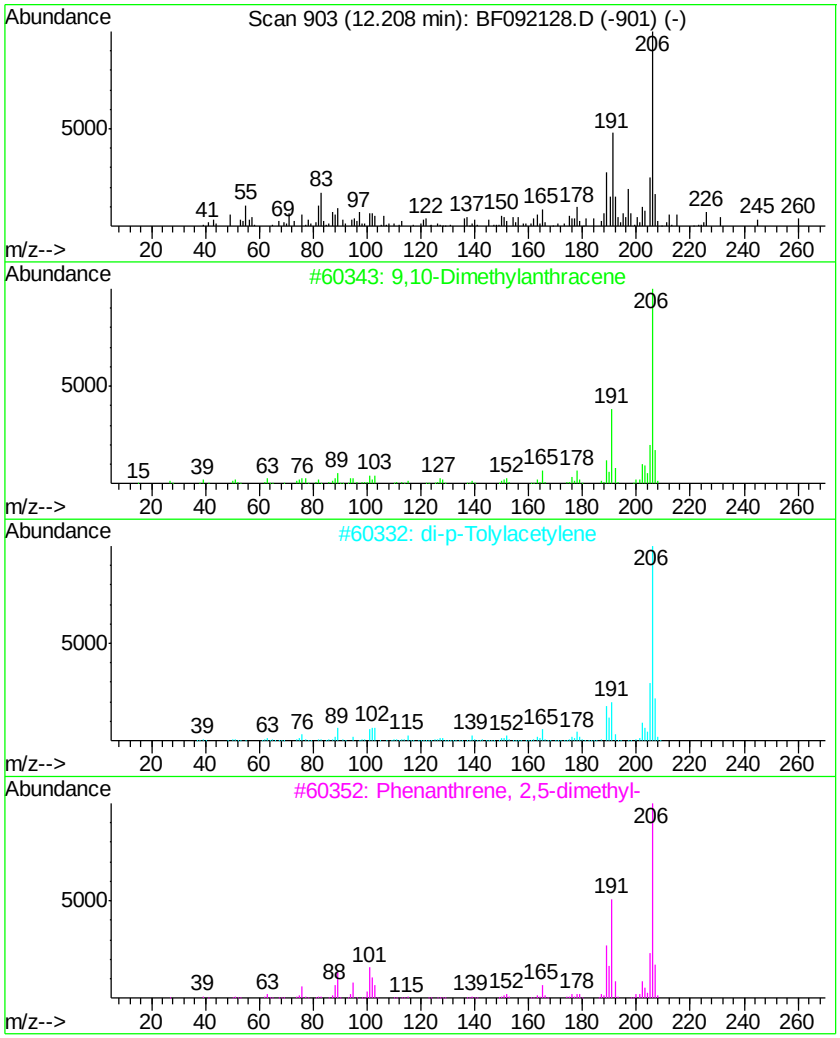
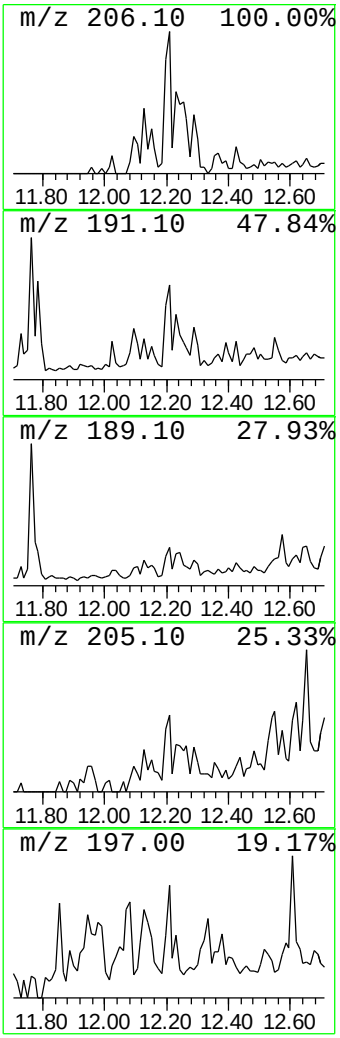
Peak Number 6 9,10-Dimethylanthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	2.07 ng	146654	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	76





Tentatively Identified Compound (LSC) summary

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Operator : UM/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : P3-SP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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...	4.76	13.1	ng	822926	1	6.64	1255320	20.0
unknown6.41	6.41	13.8	ng	866784	1	6.64	1255320	20.0
Heptadecane	10.60	2.2	ng	155223	4	11.16	1420120	20.0
Octacosane	11.87	2.1	ng	146330	4	11.16	1420120	20.0
9,10-Dimethylanth...	12.21	2.1	ng	146654	4	11.16	1420120	20.0