LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084688.D
Acq On : 30 Jan 2016 16:13
Operator : SJ/IZ
Sample : H1272-10 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B014(10-11.5)

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-BF012916.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	4.178	181	183	187	rBV	39230	51292	3.31%	0.267%
2	4.864	241	243	246	rBV	576270	688138	44.46%	3.582%
3	5.310	280	282	285	rBV	715921	915398	59.14%	4.765%
4	5.721	317	318	321	rBV	46165	40020	2.59%	0.208%
5	6.373	372	375	377	rBV	721694	882042	56.99%	4.592%
6	6.487	383	385	388	rBV	970910	933093	60.29%	4.858%
7	6.727	403	406	408	rBV	1050593	1148658	74.21%	5.980%
8	6.876	417	419	422	rVB	868967	737984	47.68%	3.842%
9	7.287	453	455	457	rBV	750637	595597	38.48%	3.101%
10	8.007	516	518	521	rBV	1492058	1432528	92.55%	7.458%
11	9.093	610	613	615	rBV	690225	937223	60.55%	4.879%
12	9.425	638	642	643	rBV	15927	18109	1.17%	0.094%
13	9.482	646	647	649	rBV	69654	85852	5.55%	0.447%
14	9.710	665	667	669	rBV	18055	22961	1.48%	0.120%
15	9.768	669	672	673	rBV	1011731	1416458	91.52%	7.374%
16	9.790	673	674	677	rVB	49155	41921	2.71%	0.218%
17	9.916	683	685	688	rBV2	8762	16209	1.05%	0.084%
18	9.962	688	689	691	rVB	25942	22638	1.46%	0.118%
19	10.202	708	710	712	rVB	43125	34837	2.25%	0.181%
20	10.305	718	719	722	rVB	42490	34373	2.22%	0.179%
21	10.373	722	725	726	rBV2	12942	16754	1.08%	0.087%
22	10.419	728	729	732	rVV2	22425	27024	1.75%	0.141%
23	10.545	738	740	742	rBV	539655	475245	30.71%	2.474%
24	10.671	749	751	756	rBV	36934	60442	3.91%	0.315%
25	10.853	764	767	773	rBV6	12061	47354	3.06%	0.247%
26	11.048	783	784	786	rVB	22940	20561	1.33%	0.107%
27	11.128	786	791	796	rBV4	24519	84984	5.49%	0.442%
28	11.242	799	801	802	rBV	1481655	1297671	83.84%	6.756%
29	11.311	805	807	809	rVB	72829	77978	5.04%	0.406%
30	11.471	818	821	825	rBV4	24226	44501	2.88%	0.232%
31	11.551	825	828	829	rBV	19164	24984	1.61%	0.130%
32	11.653	833	837	839	rVB3	10515	19198	1.24%	0.100%
33	11.745	842	845	846	rBV	59729	62189	4.02%	0.324%
34	11.768	846	847	849	rVB	92962	75748	4.89%	0.394%

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Misc :
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Instrument : BNA_F
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.813	849	851	852	rBV	37755	31345	2.03%	0.163%
36	11.848	852	854	859	rVB2	95846	148293	9.58%	0.772%
37	11.951	859	863	866	rBV3	18332	40685	2.63%	0.212%
38	12.042	868	871	876	rBV3	34766	84135	5.44%	0.438%
39	12.111	876	877	879	rBV	12399	16187	1.05%	0.084%
40	12.191	881	884	885	rBV2	23887	40803	2.64%	0.212%
41	12.294	891	893	894	rBV	65909	78048	5.04%	0.406%
42	12.328	894	896	899	rVV2	38942	69908	4.52%	0.364%
43	12.374	899	900	902	rVV2	45366	49646	3.21%	0.258%
44	12.454	904	907	909	rVV	253001	350995	22.68%	1.827%
45	12.511	909	912	914	rBV4	15585	34645	2.24%	0.180%
46	12.602	916	920	921	rBV2	23915	60260	3.89%	0.314%
47	12.671	924	926	928	rVV	334950	406697	26.28%	2.117%
48	12.716	928	930	934	rVV4	23363	64644	4.18%	0.337%
49	12.796	935	937	938	rVV	30092	33183	2.14%	0.173%
50	12.819	938	939	942	rVV	495800	695043	44.91%	3.618%
51	12.899	942	946	949	rVV2	48464	100209	6.47%	0.522%
52	13.002	952	955	957	rVV	74046	133909	8.65%	0.697%
53	13.071	959	961	962	rVV	68667	82420	5.33%	0.429%
54	13.105	962	964	970	rVV2	74827	193870	12.53%	1.009%
55	13.196	970	972	974	rVV	66989	96087	6.21%	0.500%
56	13.231	974	975	977	rVV	52836	49664	3.21%	0.259%
57	13.311	980	982	985	rBV2	35163	59306	3.83%	0.309%
58	13.505	997	999	1002	rBV2	33014	54867	3.54%	0.286%
59	13.619	1007	1009	1011	rBV2	50022	83448	5.39%	0.434%
60	13.734	1017	1019	1023	rVB2	63752	114953	7.43%	0.598%
61	13.871	1028	1031	1037	rVV2	1285580	1547760	100.00%	8.058%
62	14.259	1063	1065	1067	rBV	62510	70602	4.56%	0.368%
63	14.294	1067	1068	1069	rVB	33127	23759	1.54%	0.124%
64	14.877	1116	1119	1123	rBV	170293	330971	21.38%	1.723%
65	15.140	1140	1142	1145	rBV	92288	134794	8.71%	0.702%
66	15.197	1145	1147	1150	rBV	133740	167814	10.84%	0.874%
67	15.265	1150	1153	1155	rBV	776251	1130084	73.01%	5.883%
68	16.568	1265	1267	1272	rVB2	71609	130364	8.42%	0.679%
69	16.957	1299	1301	1307	rVB	59191	109545	7.08%	0.570%

Sum of corrected areas: 19208907

LSC Report - Integrated Chromatogram

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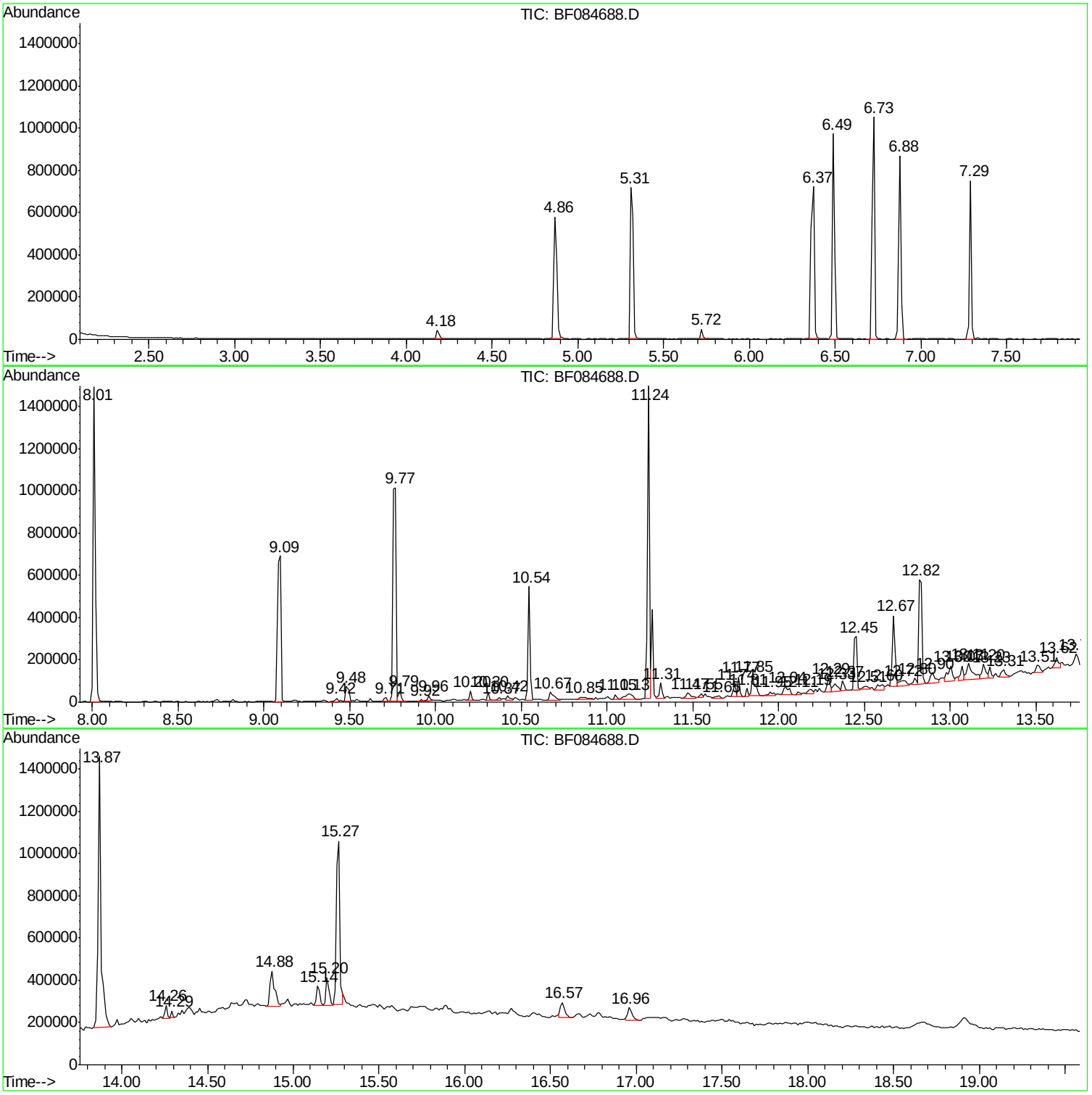
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B014(10-11.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084688.D
Acq On : 30 Jan 2016 16:13
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Sample : H1272-10 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B014(10-11.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

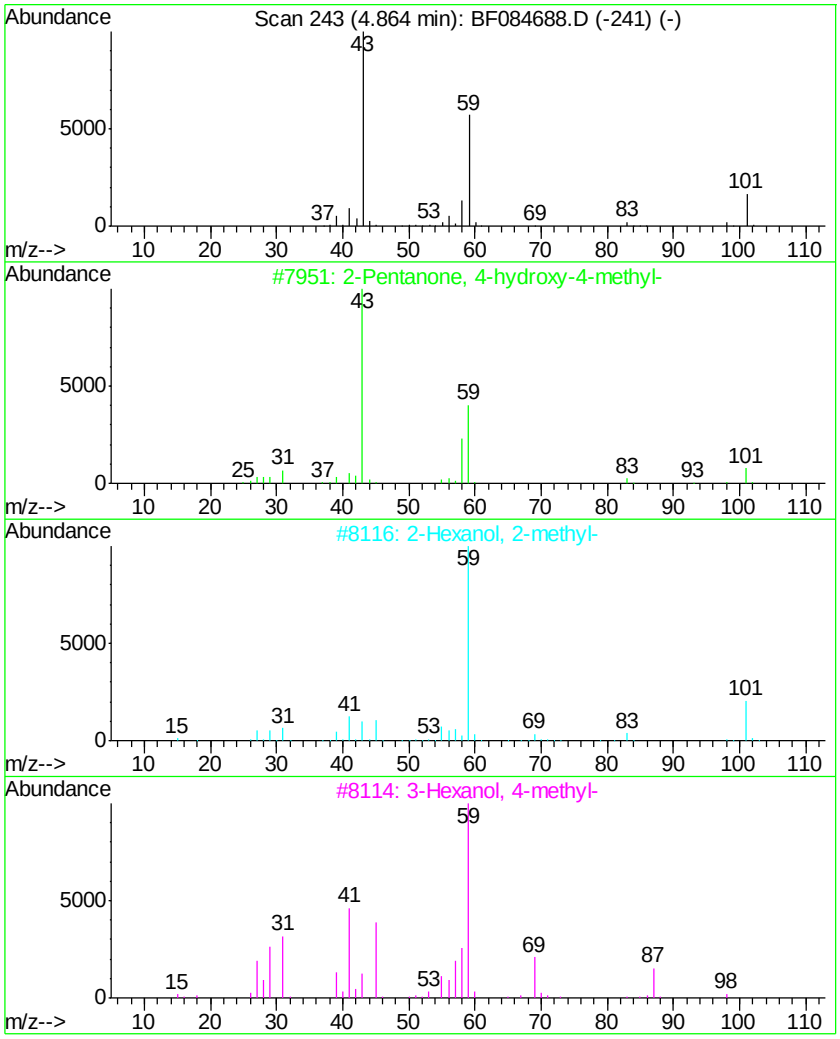
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

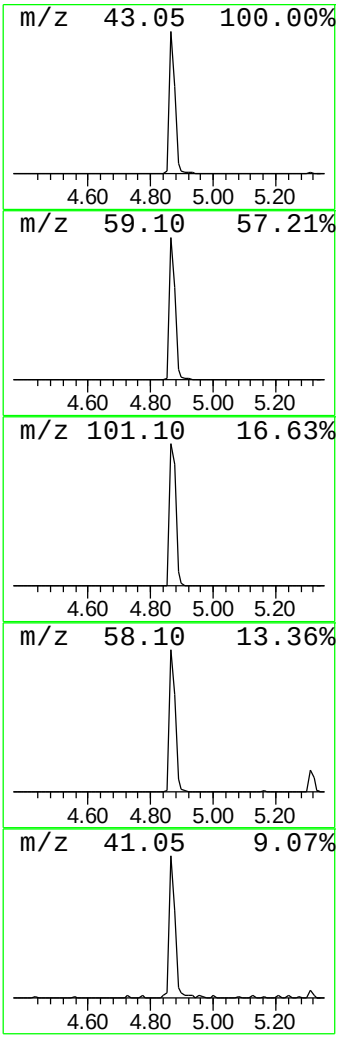
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	11.98 ng	688138	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





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Instrument : BNA_F
ClientSampleId : SUP-B014(10-11.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
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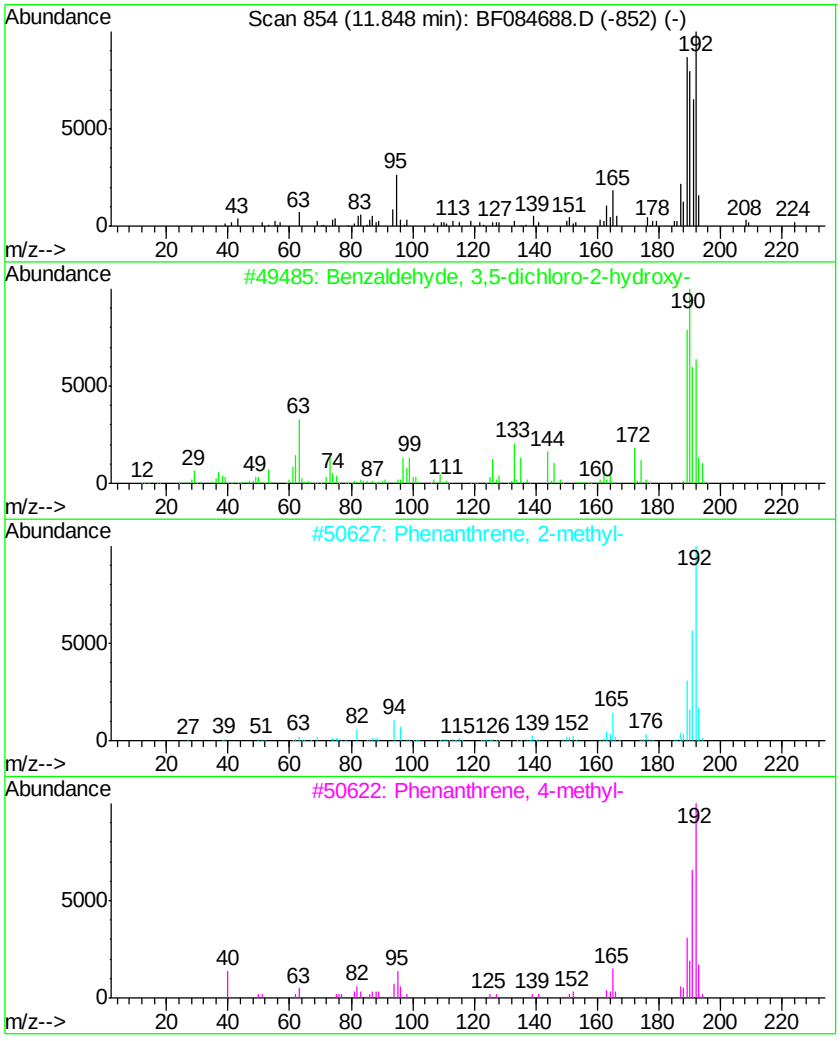
TIC Integration Parameters: LSCINT.P

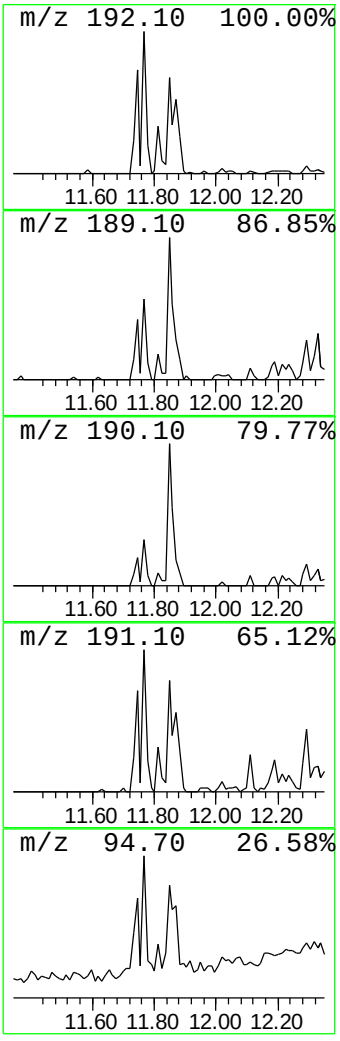
****

Peak Number 4 Benzaldehyde, 3,5-dichloro-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	2.29 ng	148293	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	58
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	41
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	41





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ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B014(10-11.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
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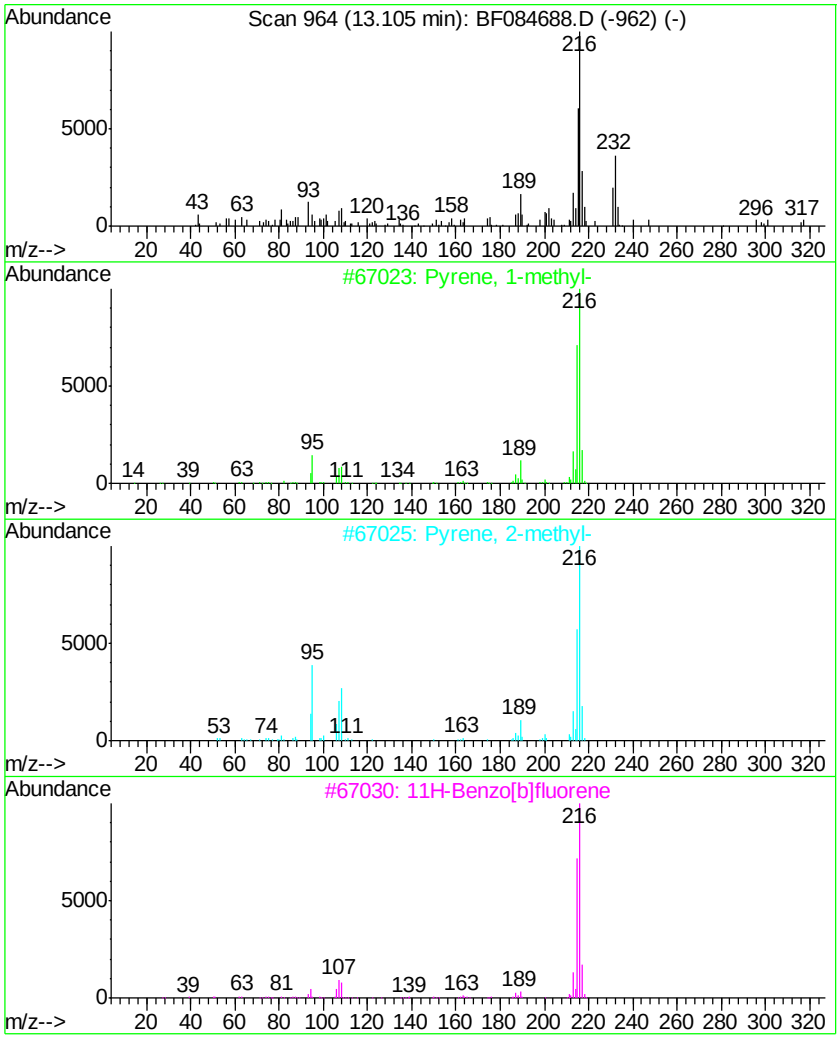
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

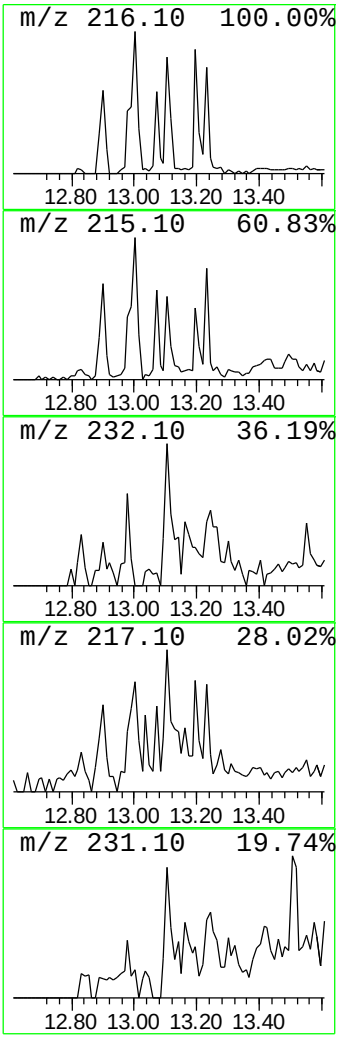
****

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	2.51 ng	193870	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	52
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	50
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	49





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.86	12.0	ng	688138	1	6.73	1148660	20.0
Benzaldehyde, 3,5...	11.85	2.3	ng	148293	4	11.24	1297670	20.0
Pyrene, 1-methyl-	13.11	2.5	ng	193870	5	13.87	1547760	20.0