LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082332.D
Acq On : 16 Oct 2015 18:18
Operator : UM/IZ
Sample : G4051-06 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK1-6-20151015

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-BF101015.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	5.063	254	256	262	rBV	48874	53073	5.44%	0.588%
2	5.497	292	294	303	rVB3	36514	45262	4.64%	0.502%
3	6.537	383	385	390	rBV	28429	37188	3.81%	0.412%
4	6.663	394	396	399	rBV	54397	55393	5.67%	0.614%
5	6.892	414	416	419	rBV	291747	287233	29.42%	3.183%
6	7.052	428	430	432	rBV	62198	55236	5.66%	0.612%
7	7.463	464	466	472	rBV	16694	24594	2.52%	0.273%
8	8.183	527	529	531	rBV	475703	442066	45.28%	4.898%
9	9.258	620	623	625	rBV	51909	69677	7.14%	0.772%
10	9.646	656	657	660	rBB	13794	12402	1.27%	0.137%
11	9.795	668	670	672	rBV	61911	52035	5.33%	0.577%
12	9.863	673	676	680	rVV	9612	17740	1.82%	0.197%
13	9.932	680	682	684	rVV	682178	581764	59.60%	6.446%
14	9.966	684	685	695	rVB2	14771	15771	1.62%	0.175%
15	10.480	728	730	733	rVB	14695	15316	1.57%	0.170%
16	10.721	749	751	754	rBV	114735	107463	11.01%	1.191%
17	11.178	787	791	794	rBV2	6101	12186	1.25%	0.135%
18	11.223	794	795	797	rVV	15566	16769	1.72%	0.186%
19	11.269	797	799	801	rVV	8722	12951	1.33%	0.144%
20	11.315	801	803	805	rVB	13677	14278	1.46%	0.158%
21	11.418	810	812	813	rBV	711092	632611	64.80%	7.010%
22	11.498	817	819	821	rVB	42800	48599	4.98%	0.539%
23	11.658	830	833	836	rBV2	22016	35292	3.62%	0.391%
24	11.715	836	838	840	rVV	8807	10364	1.06%	0.115%
25	11.761	840	842	844	rVB	15740	19436	1.99%	0.215%
26	11.921	853	856	857	rBV	52179	53051	5.43%	0.588%
27	11.944	857	858	861	rVV	55262	66385	6.80%	0.736%
28	12.001	861	863	864	rVV	12268	16380	1.68%	0.181%
29	12.035	864	866	870	rVV2	64592	112428	11.52%	1.246%
30	12.218	878	882	883	rBV	32061	34790	3.56%	0.385%
31	12.241	883	884	887	rVB	34078	36000	3.69%	0.399%
32	12.366	892	895	896	rBV2	11744	11787	1.21%	0.131%
33	12.469	901	904	905	rBV2	32891	36994	3.79%	0.410%
34	12.504	905	907	910	rVV2	19112	35982	3.69%	0.399%

LSC Area Percent Report

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Sample : G4051-06 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK1-6-20151015

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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.561	910	912	916	rVB	38311	44959	4.61%	0.498%
36	12.629	916	918	921	rBV	578272	598985	61.36%	6.637%
37	12.698	921	924	925	rVV2	13616	18342	1.88%	0.203%
38	12.732	925	927	928	rVV	21020	20511	2.10%	0.227%
39	12.789	928	932	933	rVV3	14458	27763	2.84%	0.308%
40	12.869	935	939	941	rVV2	422020	616266	63.13%	6.829%
41	12.915	941	943	947	rVB2	23988	31004	3.18%	0.344%
42	13.006	947	951	955	rBV	261338	293670	30.08%	3.254%
43	13.086	955	958	962	rBV2	34707	63860	6.54%	0.708%
44	13.201	964	968	969	rBV2	34120	83283	8.53%	0.923%
45	13.269	972	974	975	rVV	19550	19930	2.04%	0.221%
46	13.304	975	977	981	rVV	53238	72818	7.46%	0.807%
47	13.361	981	982	984	rVV2	9874	12498	1.28%	0.138%
48	13.395	984	985	987	rVV	24166	25563	2.62%	0.283%
49	13.429	987	988	992	rVV2	28897	35732	3.66%	0.396%
50	13.589	1000	1002	1007	rBV5	10217	34534	3.54%	0.383%
51	13.727	1010	1014	1018	rBV	60546	77844	7.97%	0.863%
52	13.841	1021	1024	1025	rBV	47247	61109	6.26%	0.677%
53	13.875	1025	1027	1028	rVB	18786	18429	1.89%	0.204%
54	13.944	1032	1033	1038	rVB	52495	67970	6.96%	0.753%
55	14.035	1038	1041	1043	rVB	8504	15592	1.60%	0.173%
56	14.115	1043	1048	1049	rBV2	642391	976190	100.00%	10.817%
57	14.218	1056	1057	1059	rVB	13979	17661	1.81%	0.196%
58	14.275	1059	1062	1066	rBV5	16177	45201	4.63%	0.501%
59	14.344	1066	1068	1069	rVB	9947	11176	1.14%	0.124%
60	14.458	1076	1078	1080	rBV2	7303	15623	1.60%	0.173%
61	14.492	1080	1081	1082	rVV	12618	13299	1.36%	0.147%
62	14.538	1082	1085	1087	rVV	45805	58303	5.97%	0.646%
63	14.572	1087	1088	1090	rVV2	22196	28240	2.89%	0.313%
64	14.641	1091	1094	1095	rVB3	13303	20586	2.11%	0.228%
65	14.675	1095	1097	1098	rBV2	21875	23133	2.37%	0.256%
66	14.755	1103	1104	1107	rVB2	13482	16686	1.71%	0.185%
67	14.881	1113	1115	1116	rBV2	10649	11709	1.20%	0.130%
68	14.972	1121	1123	1124	rBV	10567	18743	1.92%	0.208%
69	15.075	1128	1132	1134	rBV2	24855	50737	5.20%	0.562%
70	15.144	1136	1138	1140	rBV	19249	31052	3.18%	0.344%
71	15.235	1143	1146	1151	rBV	250039	532066	54.50%	5.896%

LSC Area Percent Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK1-6-20151015

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.338	1154	1155	1157	rVB	47699	48102	4.93%	0.533%
73	15.441	1161	1164	1167	rBV4	12133	35283	3.61%	0.391%
74	15.532	1170	1172	1176	rVB	128705	194161	19.89%	2.151%
75	15.601	1176	1178	1181	rVB	183117	236744	24.25%	2.623%
76	15.670	1181	1184	1186	rBV	395846	611517	62.64%	6.776%
77	15.978	1209	1211	1214	rBV3	9621	16925	1.73%	0.188%
78	16.698	1271	1274	1277	rBV5	8957	24257	2.48%	0.269%
79	16.973	1292	1298	1305	rBV4	20613	83510	8.55%	0.925%
80	17.133	1309	1312	1316	rVV2	92892	190642	19.53%	2.112%
81	17.315	1325	1328	1330	rBV2	13766	31286	3.20%	0.347%
82	17.373	1330	1333	1336	rVV	19083	46880	4.80%	0.519%
83	17.430	1336	1338	1344	rVV6	13854	32094	3.29%	0.356%
84	17.578	1347	1351	1360	rVB	80627	186212	19.08%	2.063%
85	17.818	1369	1372	1378	rVB2	11995	34772	3.56%	0.385%
86	19.830	1545	1548	1554	rVB2	13177	41471	4.25%	0.460%
87	20.962	1642	1647	1649	rBV5	6519	21454	2.20%	0.238%

Sum of corrected areas: 9024873

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
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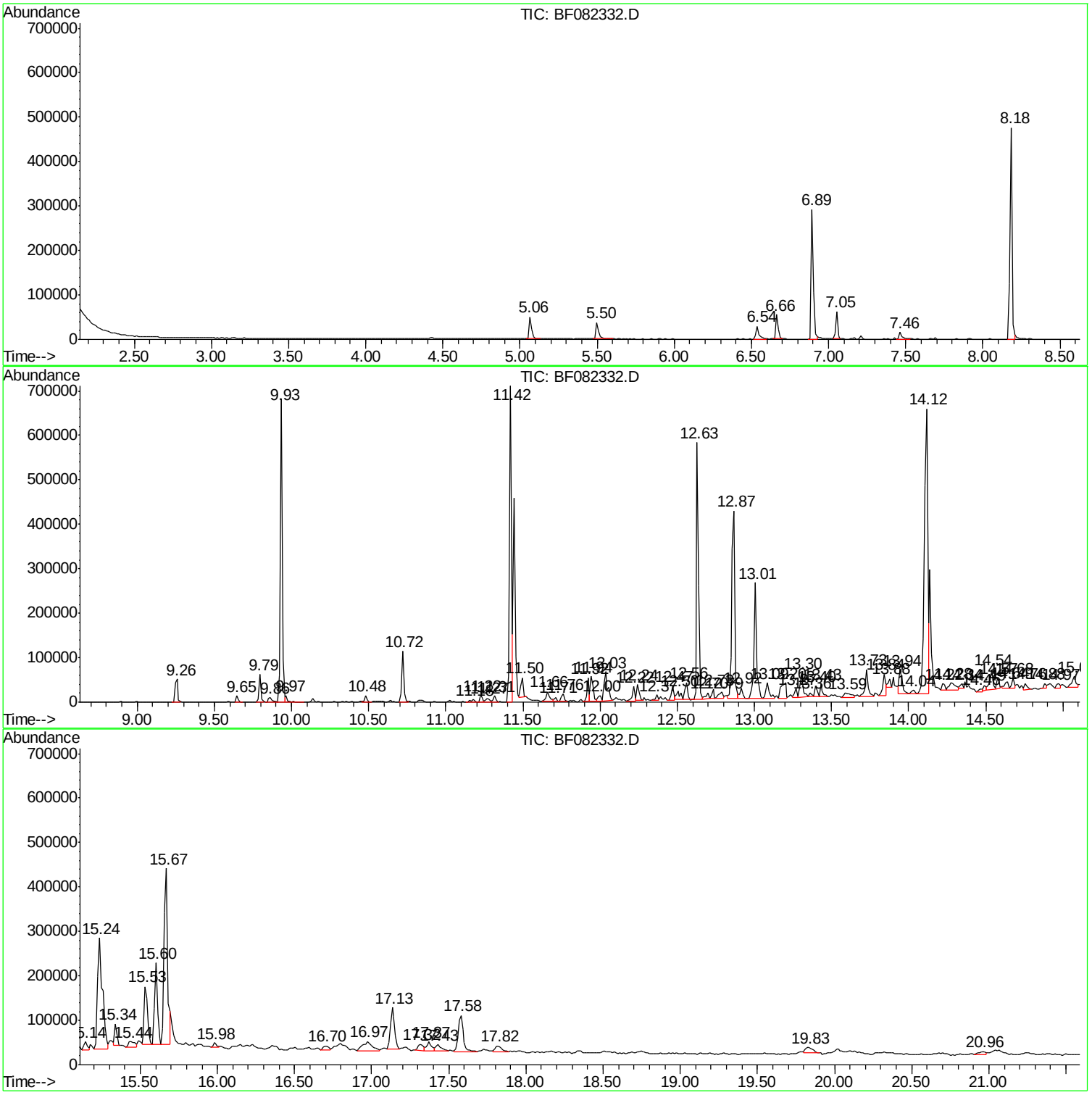
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK1-6-20151015

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
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Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

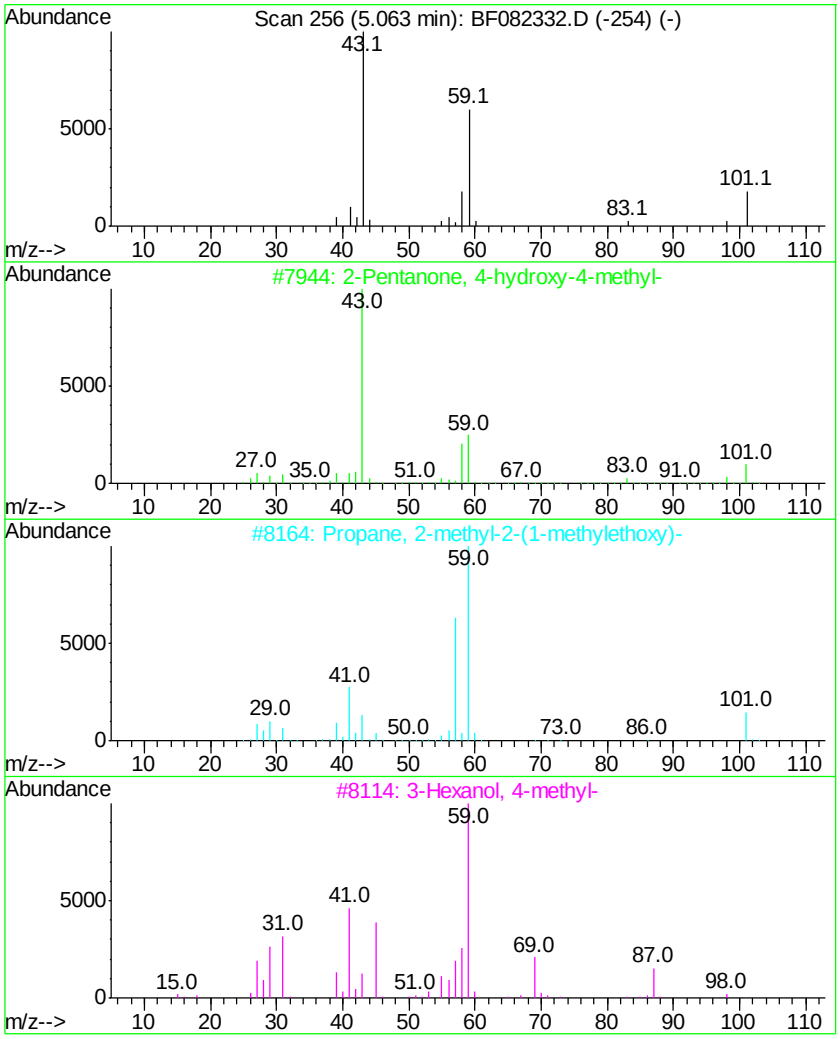
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

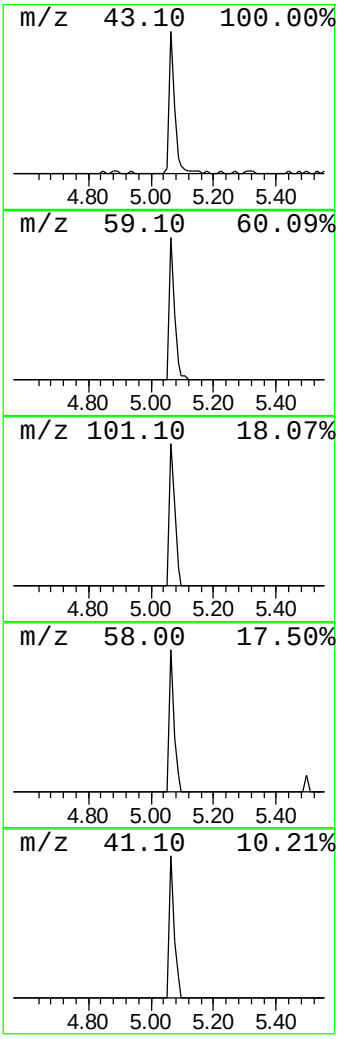
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	3.70 ng	53073	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9





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Instrument : BNA_F
ClientSampleId : TK1-6-20151015

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

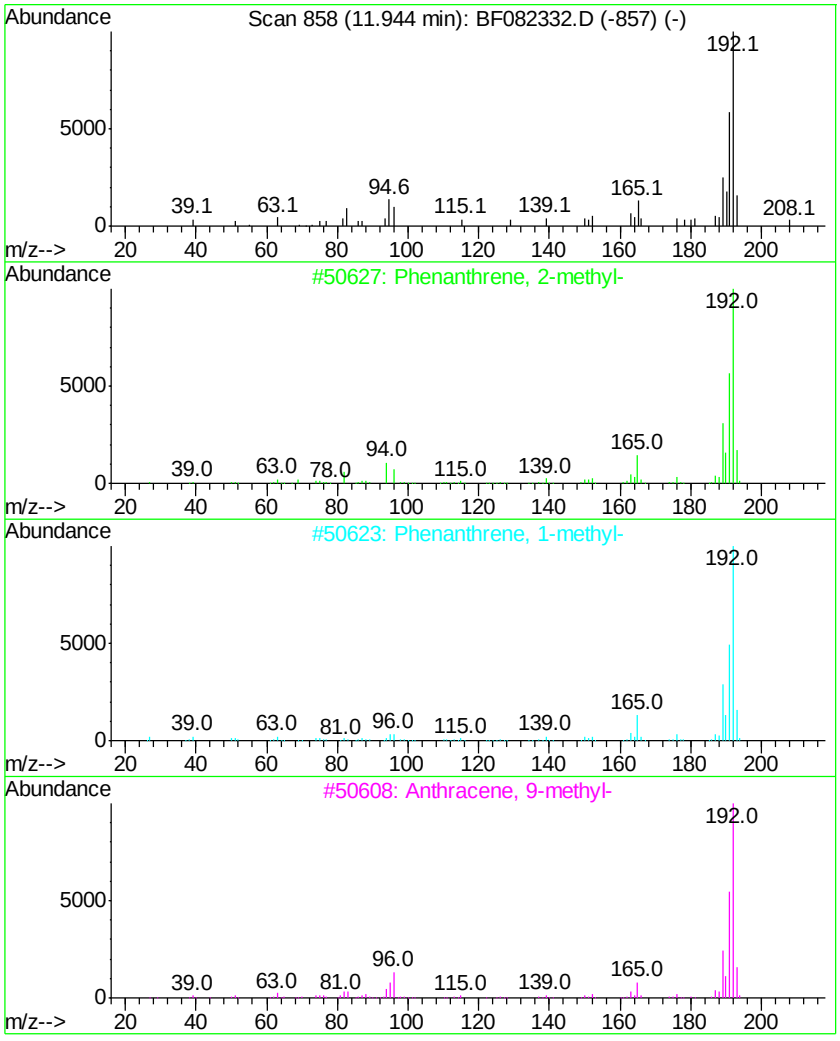
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

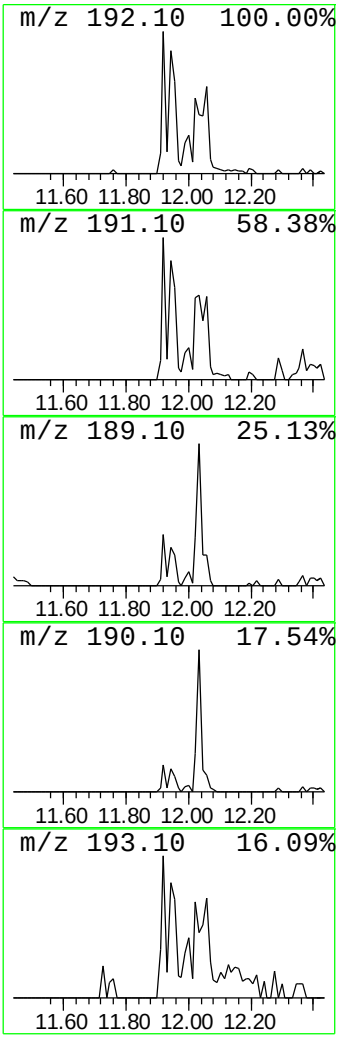
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.10 ng	66385	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
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TIC Library : C:\DATABASE\NIST02.L
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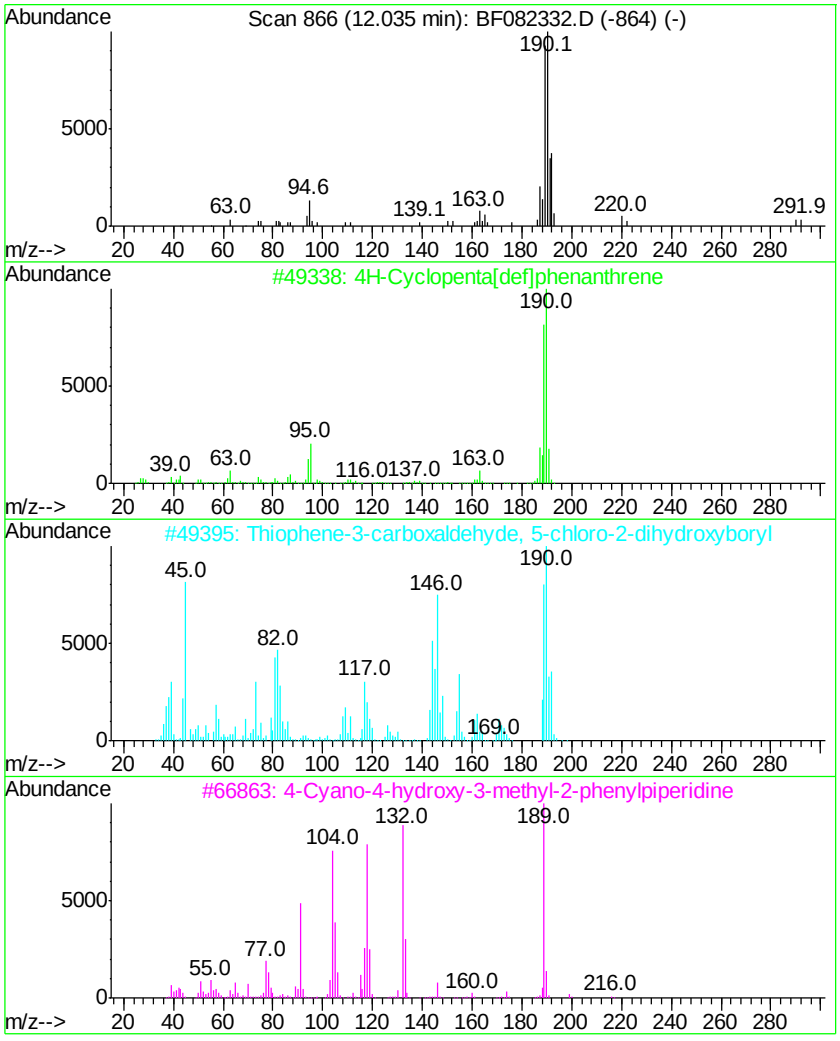
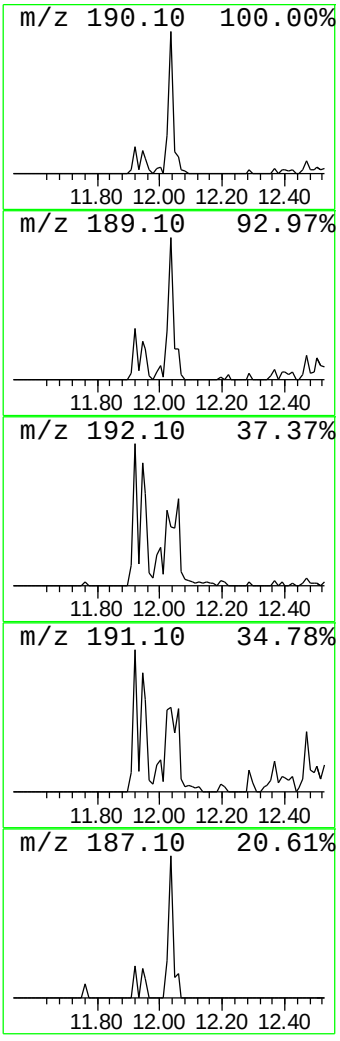
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	3.55 ng	112428	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	4-Cyano-4-hydroxy-3-methyl-2-phe...	216	C13H16N2O	1000216-11-7	22
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17
5	Naphtho(2,3-b)furan-2(3H)-one, d...	232	C15H20O2	000470-17-7	10





Tentatively Identified Compound (LSC) summary

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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...	5.06	3.7	ng	53073	1	6.89	287233	20.0
Phenanthrene, 2-m...	11.94	2.1	ng	66385	4	11.42	632611	20.0
4H-Cyclopenta[def...	12.03	3.5	ng	112428	4	11.42	632611	20.0