LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013017\
Data File : BG025712.D
Acq On : 30 Jan 2017 19:52
Operator : SJ/MA
Sample : I1305-25
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0036

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_G\METHODS\8270-BG013017.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	3.872	170	176	193	rBV	699707	1209563	5.90%	0.521%
2	5.224	400	406	414	rBV	630277	1023121	4.99%	0.441%
3	5.705	481	488	506	rBV	1527480	2747588	13.40%	1.183%
4	7.327	757	764	776	rBV	1607059	3061406	14.93%	1.318%
5	7.580	799	807	818	rBV	919041	1520288	7.41%	0.655%
6	7.697	820	827	839	rVB	1640652	2884058	14.06%	1.242%
7	8.050	881	887	897	rBV	350553	616732	3.01%	0.266%
8	8.167	900	907	908	rBV2	255952	380577	1.86%	0.164%
9	8.203	908	913	922	rVB	1078739	1934420	9.43%	0.833%
10	8.490	955	962	964	rBV	1269338	2122610	10.35%	0.914%
11	8.520	964	967	982	rVB	1960959	3442081	16.78%	1.482%
12	8.972	1036	1044	1051	rBV	2197398	3726390	18.17%	1.605%
13	9.248	1081	1091	1098	rBV	1390949	2490729	12.14%	1.073%
14	9.354	1102	1109	1113	rVV	1044329	1970624	9.61%	0.849%
15	9.395	1113	1116	1132	rVB	378239	712599	3.47%	0.307%
16	9.906	1195	1203	1213	rBV	2385412	4246079	20.70%	1.828%
17	10.382	1277	1284	1299	rBV	560015	1030643	5.02%	0.444%
18	10.852	1356	1364	1374	rBV	1472885	2697999	13.15%	1.162%
19	10.993	1380	1388	1391	rBV	349602	631572	3.08%	0.272%
20	11.046	1391	1397	1409	rVB	2387473	4487231	21.88%	1.932%
21	12.639	1659	1668	1679	rBV	2151928	3784901	18.45%	1.630%
22	12.962	1717	1723	1730	rVB	970013	1533696	7.48%	0.660%
23	13.420	1793	1801	1811	rBV	2824415	4563062	22.25%	1.965%
24	13.684	1835	1846	1857	rBV	2519716	4332435	21.12%	1.866%
25	14.525	1982	1989	1997	rBV	2800650	4590879	22.38%	1.977%
26	14.801	2028	2036	2041	rBV	609578	986855	4.81%	0.425%
27	14.865	2041	2047	2057	rVB	4925639	7962090	38.82%	3.429%
28	15.189	2095	2102	2115	rBV	540854	964790	4.70%	0.415%
29	15.588	2163	2170	2178	rBV	2059527	2724479	13.28%	1.173%
30	15.823	2201	2210	2219	rBV	2657038	3766210	18.36%	1.622%
31	16.046	2240	2248	2256	rBV	1703963	2604888	12.70%	1.122%
32	16.287	2282	2289	2304	rBV	2330179	3766215	18.36%	1.622%
33	16.716	2356	2362	2371	rVB	2703189	3910297	19.06%	1.684%
34	17.545	2495	2503	2506	rBV	865855	1366091	6.66%	0.588%

LSC Area Percent Report

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0036

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_G\METHODS\8270-BG013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.592	2506	2511	2519	rVV	6091953	9471750	46.18%	4.079%
36	17.686	2519	2527	2541	rVB	5477334	8600585	41.93%	3.704%
37	18.467	2652	2660	2668	rBV	4619537	6121388	29.85%	2.636%
38	18.896	2722	2733	2743	rBV2	212723	424686	2.07%	0.183%
39	20.130	2936	2943	2952	rBV	7005315	9332422	45.50%	4.019%
40	20.805	3051	3058	3063	rBV	9838107	12481349	60.85%	5.375%
41	21.822	3221	3231	3237	rBV2	9159407	18905425	92.17%	8.141%
42	21.892	3237	3243	3259	rVB	7742846	13587368	66.25%	5.851%
43	22.903	3406	3415	3423	rVB	5473473	9850397	48.03%	4.242%
44	24.213	3625	3638	3651	rVB	5000090	13821080	67.39%	5.952%
45	25.071	3777	3784	3792	rVB3	95026	244425	1.19%	0.105%
46	25.218	3798	3809	3823	rBV	558937	1727648	8.42%	0.744%
47	29.196	4456	4486	4497	rBV2	3303595	20510441	100.00%	8.832%
48	30.418	4662	4694	4708	rVB2	2806579	17355432	84.62%	7.473%

Sum of corrected areas: 232227594

LSC Report - Integrated Chromatogram

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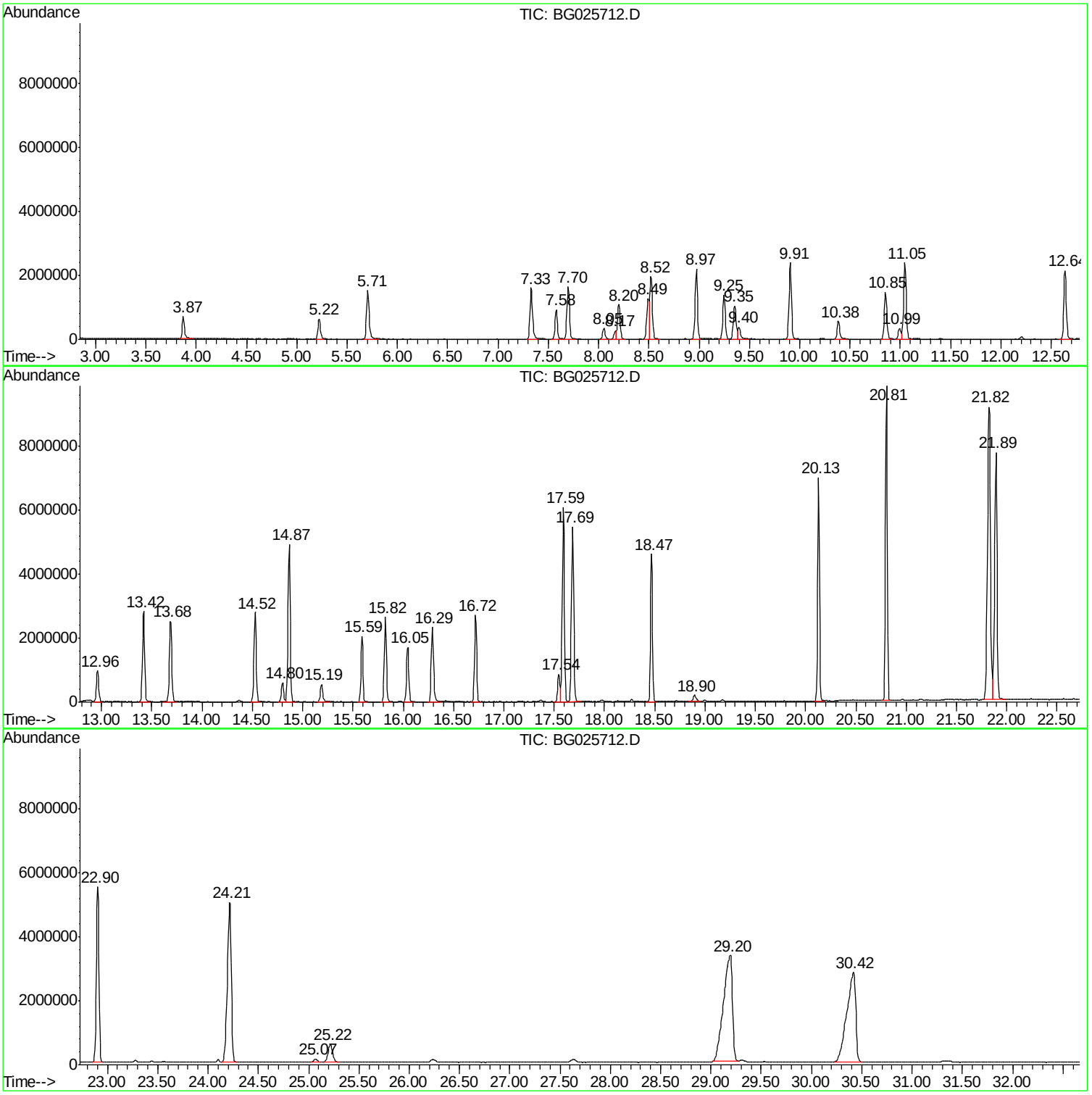
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0036

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG013017\
Data File : BG025712.D
Acq On : 30 Jan 2017 19:52
Operator : SJ/MA
Sample : I1305-25
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0036

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

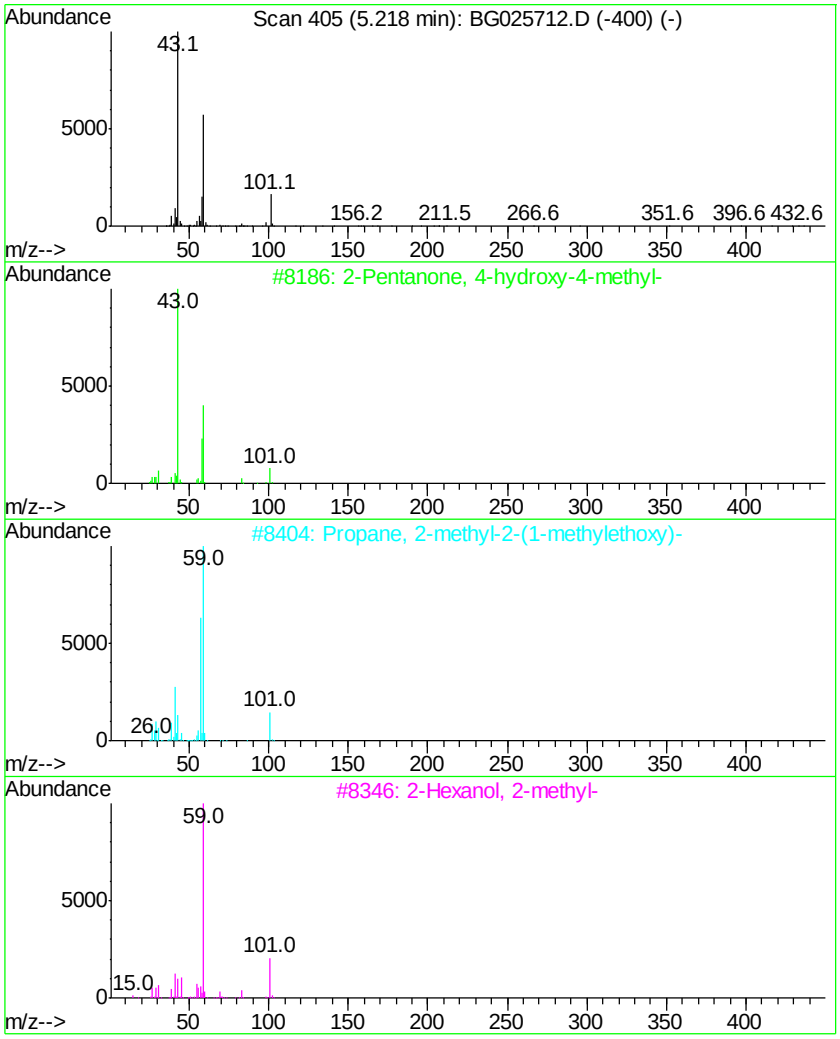
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

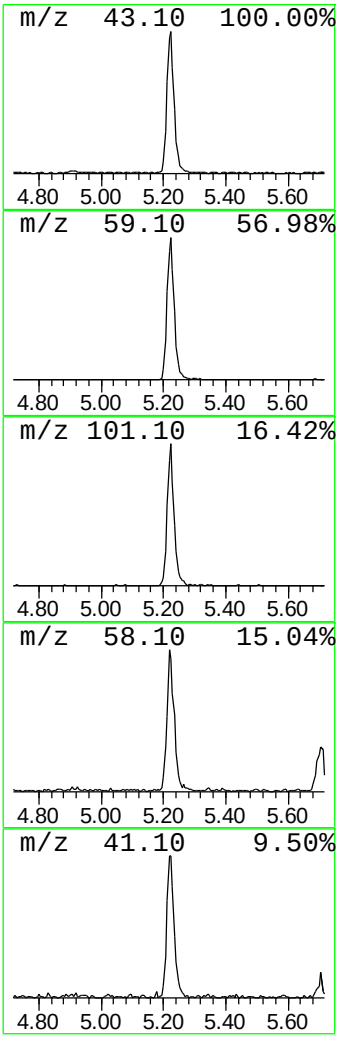
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	53.77 ng	1023120	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27





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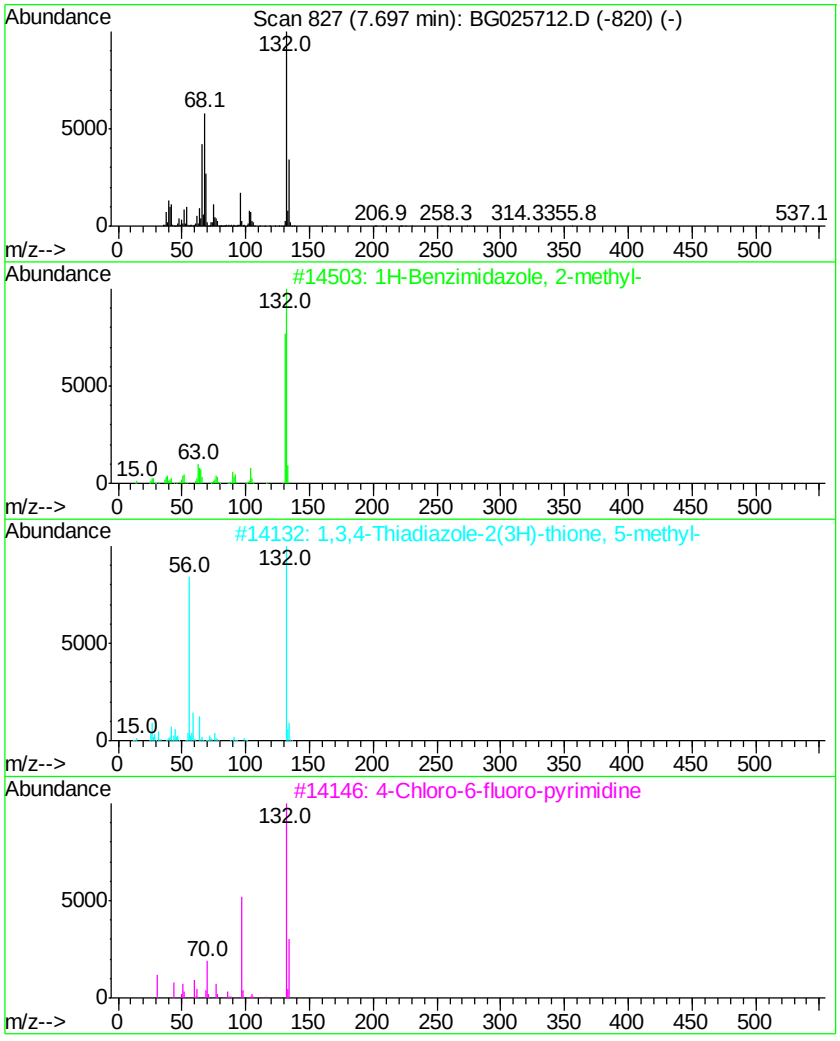
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

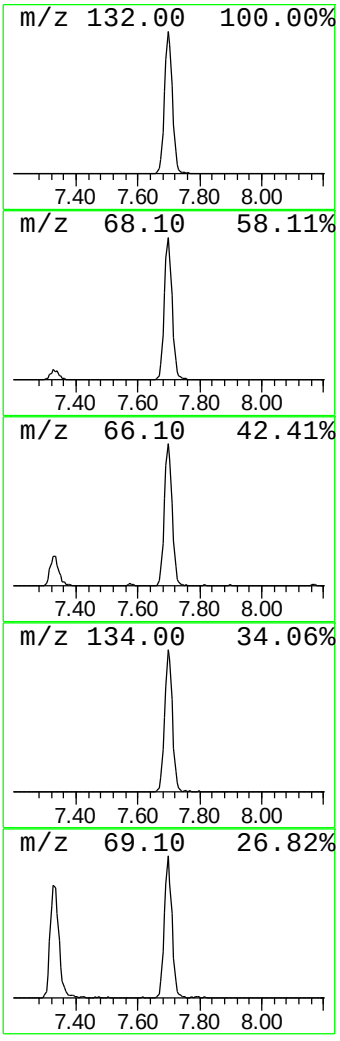
****

Peak Number 2 unknown7.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	151.56 ng	2884060	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
2	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	10





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Instrument : BNA_G
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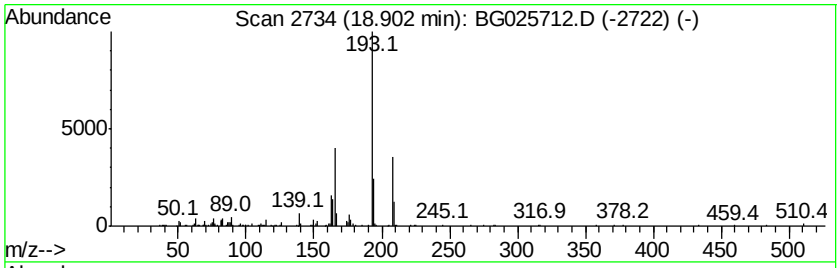
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

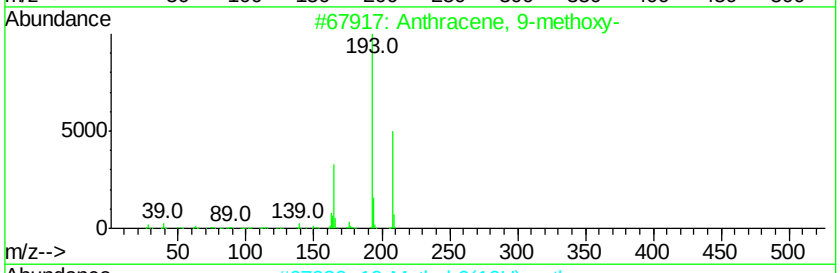
****

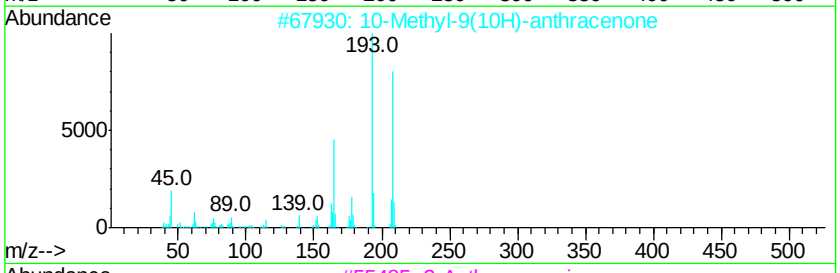
Peak Number 3 Anthracene, 9-methoxy- Concentration Rank 3

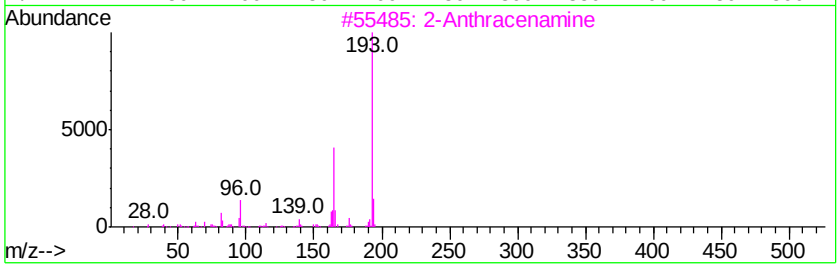
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	6.22 ng	424686	Phenanthrene-d10	17.54

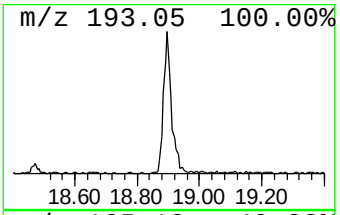
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methoxy-	208	C15H12O	002395-96-2	96
2	10-Methyl-9(10H)-anthracenone	208	C15H12O	073653-01-7	91
3	2-Anthracenamine	193	C14H11N	000613-13-8	74
4	1-Anthracenamine	193	C14H11N	000610-49-1	72
5	Ethanone, 1-(2-fluorenyl)-2-(2-p...	317	C20H15NOS	331710-52-2	72

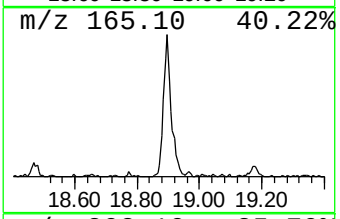


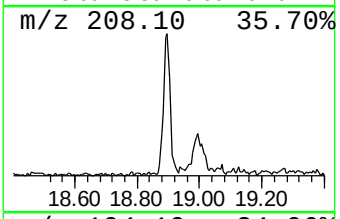


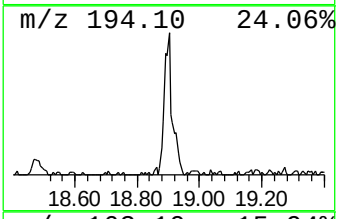


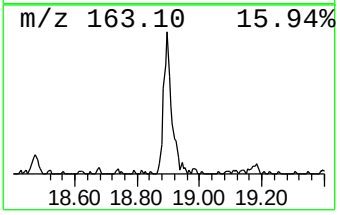












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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

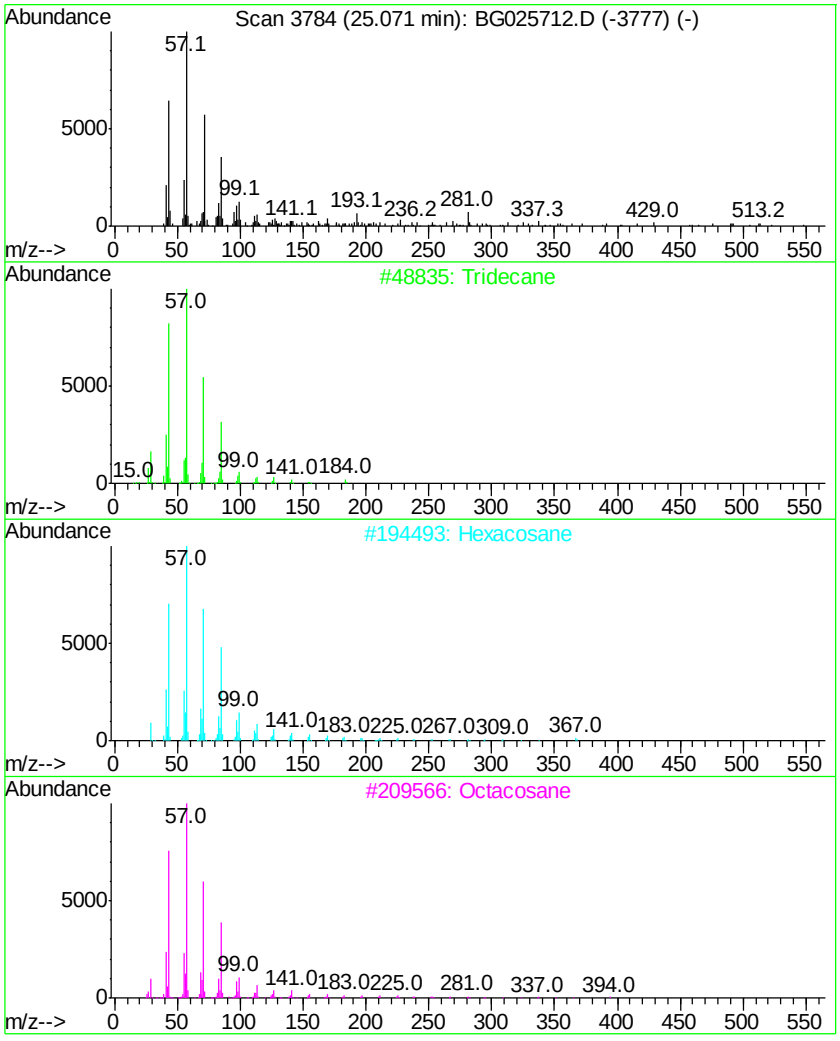
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

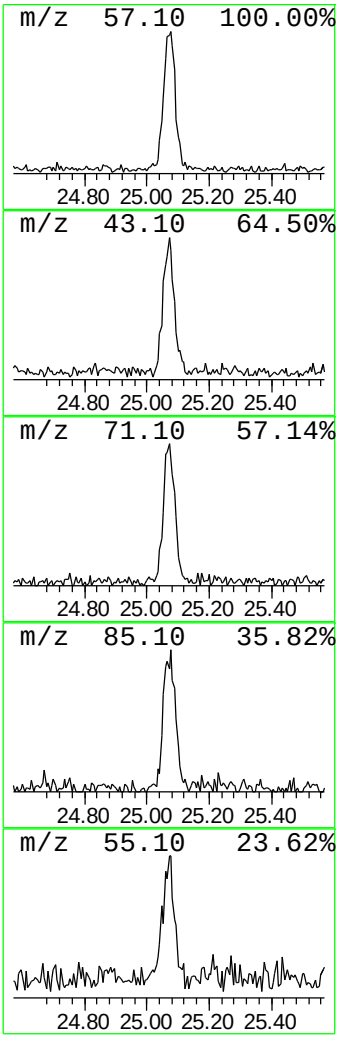
****

Peak Number 4 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.07	2.83 ng	244425	Perylene-d12	25.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	68
2	Hexacosane	366	C26H54	000630-01-3	68
3	Octacosane	394	C28H58	000630-02-4	68
4	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	64
5	Octadecane, 6-methyl-	268	C19H40	010544-96-4	64





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.22	53.8	ng	1023120	1	8.17	380577	20.0
unknown7.70	7.70	151.6	ng	2884060	1	8.17	380577	20.0
Anthracene, 9-met...	18.90	6.2	ng	424686	4	17.54	1366090	20.0
Tridecane	25.07	2.8	ng	244425	6	25.22	1727650	20.0