LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095173.D
Acq On : 17 May 2017 00:15
Operator : SJ/MA
Sample : I3170-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-32-20170515

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-BF050217.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	5.119	538	541	548	rBV	13668	29500	4.14%	0.368%
2	5.778	649	653	672	rBV2	69588	233266	32.72%	2.911%
3	7.342	915	919	933	rBV	62297	194211	27.24%	2.424%
4	7.448	933	937	955	rVB	151574	328548	46.09%	4.100%
5	7.772	988	992	1006	rBV	365747	466804	65.48%	5.825%
6	8.007	1028	1032	1049	rBV	190711	272234	38.19%	3.397%
7	8.683	1143	1147	1159	rBV	58590	136674	19.17%	1.706%
8	9.789	1330	1335	1353	rBV	460623	667222	93.60%	8.326%
9	11.560	1632	1636	1651	rBV	219254	351047	49.24%	4.381%
10	12.265	1752	1756	1764	rBV	11416	21666	3.04%	0.270%
11	12.407	1776	1780	1785	rBV3	4924	8459	1.19%	0.106%
12	12.618	1811	1816	1834	rBV2	421919	632793	88.77%	7.897%
13	13.459	1955	1959	1966	rBV4	5289	10064	1.41%	0.126%
14	13.542	1966	1973	1979	rVB4	3716	10613	1.49%	0.132%
15	13.930	2035	2039	2055	rVB2	63220	112213	15.74%	1.400%
16	14.224	2085	2089	2092	rBV3	5163	7827	1.10%	0.098%
17	15.024	2220	2225	2229	rBV	363013	481791	67.58%	6.012%
18	15.059	2229	2231	2240	rVV	96558	148985	20.90%	1.859%
19	15.153	2243	2247	2256	rVB3	15563	29585	4.15%	0.369%
20	15.453	2294	2298	2306	rBV2	4800	8176	1.15%	0.102%
21	15.806	2354	2358	2362	rBV	14619	19148	2.69%	0.239%
22	15.848	2362	2365	2373	rVB	18729	28028	3.93%	0.350%
23	15.918	2373	2377	2380	rBV2	4798	7568	1.06%	0.094%
24	15.959	2380	2384	2387	rVV2	23936	34549	4.85%	0.431%
25	15.995	2387	2390	2396	rVB4	14993	24533	3.44%	0.306%
26	16.248	2430	2433	2440	rVB2	7246	10993	1.54%	0.137%
27	16.312	2440	2444	2447	rBV4	6492	9275	1.30%	0.116%
28	16.600	2490	2493	2496	rBV2	16617	20625	2.89%	0.257%
29	16.642	2496	2500	2504	rVV5	8234	14770	2.07%	0.184%
30	16.724	2508	2514	2521	rBV3	19961	30367	4.26%	0.379%
31	16.800	2523	2527	2538	rVV	252699	319287	44.79%	3.984%
32	17.100	2574	2578	2587	rBV	299387	379318	53.21%	4.734%
33	17.224	2597	2599	2602	rVB2	7238	7253	1.02%	0.091%
34	17.265	2602	2606	2608	rBV5	7155	7797	1.09%	0.097%

LSC Area Percent Report

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Acq On : 17 May 2017 00:15
Operator : SJ/MA
Sample : I3170-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-32-20170515

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-BF050217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.295	2608	2611	2615	rBV2	14735	20881	2.93%	0.261%
36	17.336	2615	2618	2627	rVB	237150	303228	42.54%	3.784%
37	17.430	2629	2634	2637	rVV3	15692	25959	3.64%	0.324%
38	17.547	2648	2654	2655	rVV5	20196	38525	5.40%	0.481%
39	17.565	2655	2657	2663	rVB2	32425	36148	5.07%	0.451%
40	17.653	2669	2672	2677	rVB2	19690	22004	3.09%	0.275%
41	17.718	2677	2683	2689	rBV4	33043	79488	11.15%	0.992%
42	17.818	2697	2700	2704	rBV	18902	22970	3.22%	0.287%
43	17.859	2704	2707	2712	rVV6	15067	24783	3.48%	0.309%
44	18.000	2727	2731	2734	rBV5	9710	12329	1.73%	0.154%
45	18.124	2749	2752	2753	rBV3	10315	8328	1.17%	0.104%
46	18.247	2770	2773	2776	rBV	28448	29819	4.18%	0.372%
47	18.371	2791	2794	2796	rVV	30391	38966	5.47%	0.486%
48	18.394	2796	2798	2802	rVB2	40293	45586	6.39%	0.569%
49	18.430	2802	2804	2807	rBV	17958	22833	3.20%	0.285%
50	18.471	2808	2811	2814	rVB4	21591	26996	3.79%	0.337%
51	18.524	2818	2820	2825	rVB	18311	21560	3.02%	0.269%
52	18.589	2829	2831	2834	rVB3	13923	11995	1.68%	0.150%
53	18.624	2834	2837	2840	rBV5	10891	20459	2.87%	0.255%
54	18.689	2842	2848	2852	rBV2	470684	712870	100.00%	8.896%
55	18.724	2852	2854	2861	rVB2	167628	221312	31.05%	2.762%
56	18.818	2868	2870	2874	rVB2	28756	30954	4.34%	0.386%
57	19.194	2932	2934	2938	rBV3	25867	38252	5.37%	0.477%
58	19.806	3036	3038	3046	rBV6	39826	81063	11.37%	1.012%
59	19.959	3060	3064	3067	rBV	172922	258306	36.23%	3.223%
60	20.253	3111	3114	3118	rVB	101161	109141	15.31%	1.362%
61	20.312	3121	3124	3127	rVV	110571	130532	18.31%	1.629%
62	20.365	3130	3133	3145	rVB	271656	390496	54.78%	4.873%
63	21.706	3358	3361	3369	rVB2	43756	77253	10.84%	0.964%
64	22.100	3424	3428	3434	rVB2	43293	85237	11.96%	1.064%

Sum of corrected areas: 8013462

LSC Report - Integrated Chromatogram

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Data File : BF095173.D
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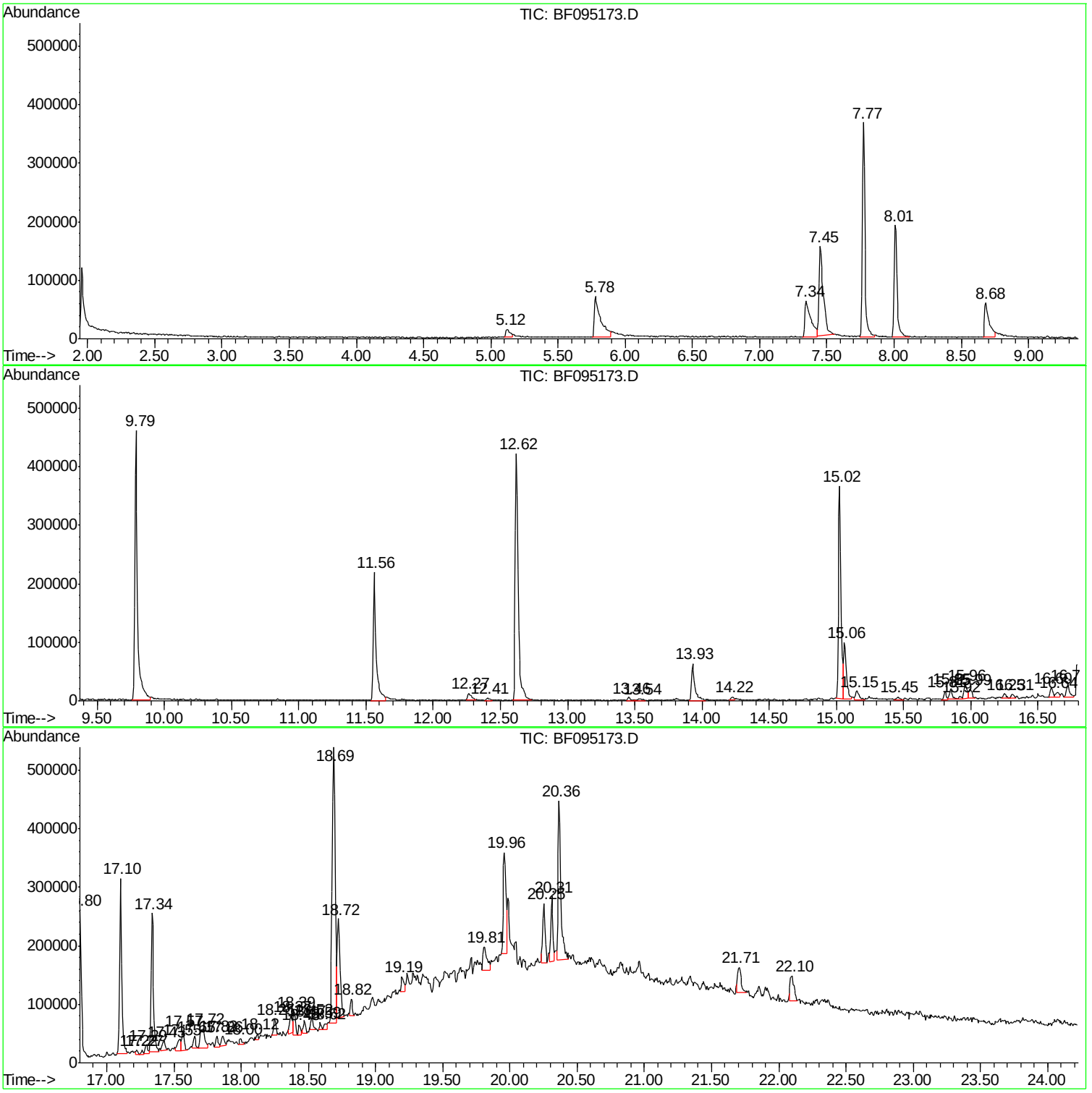
Operator : SJ/MA
Sample : I3170-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POSTEX-32-20170515

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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 F\DATA\BF051617\
Data File : BF095173.D
Acq On : 17 May 2017 00:15
Operator : SJ/MA
Sample : I3170-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-32-20170515

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
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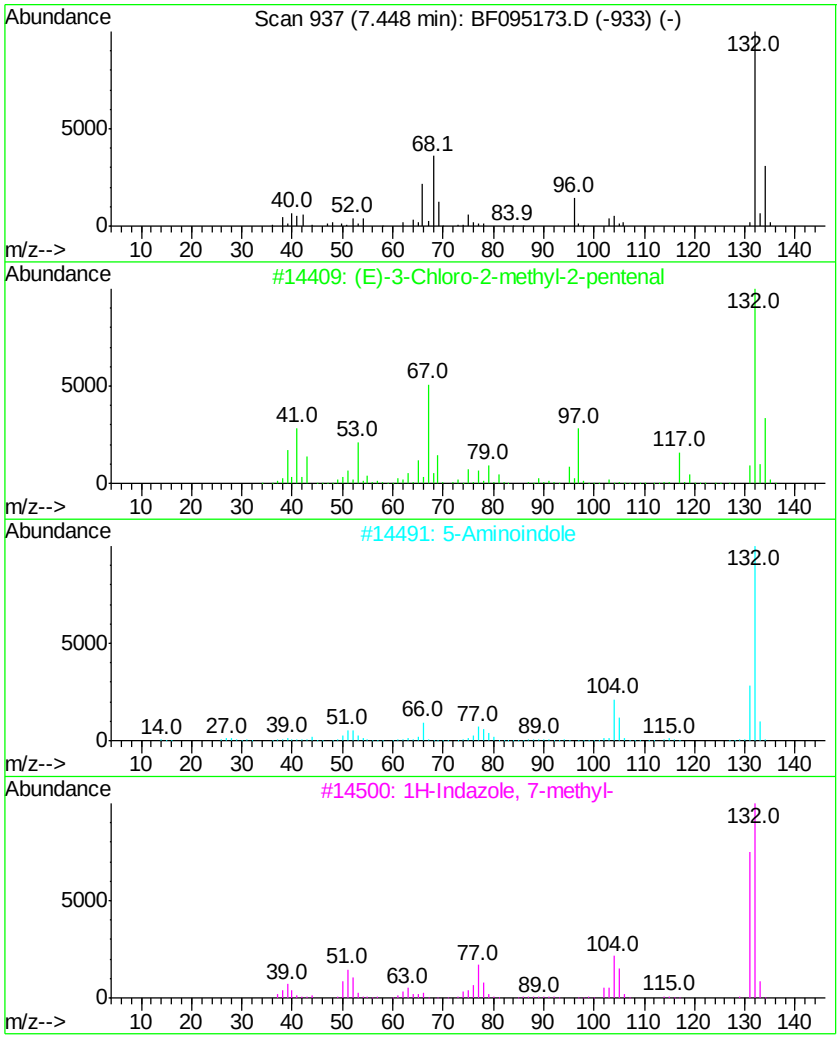
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

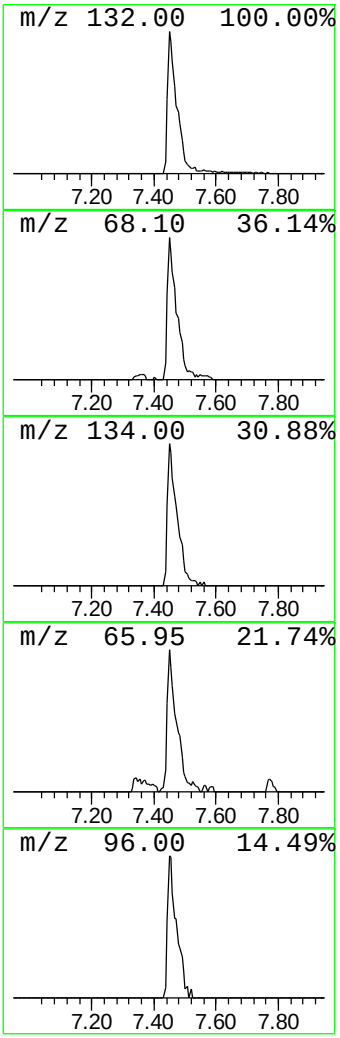
****

Peak Number 1 unknown7.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	14.08 ng	328548	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	5-Aminoindole	132	C8H8N2	005192-03-0	10
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Acq On : 17 May 2017 00:15
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Sample : I3170-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-32-20170515

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

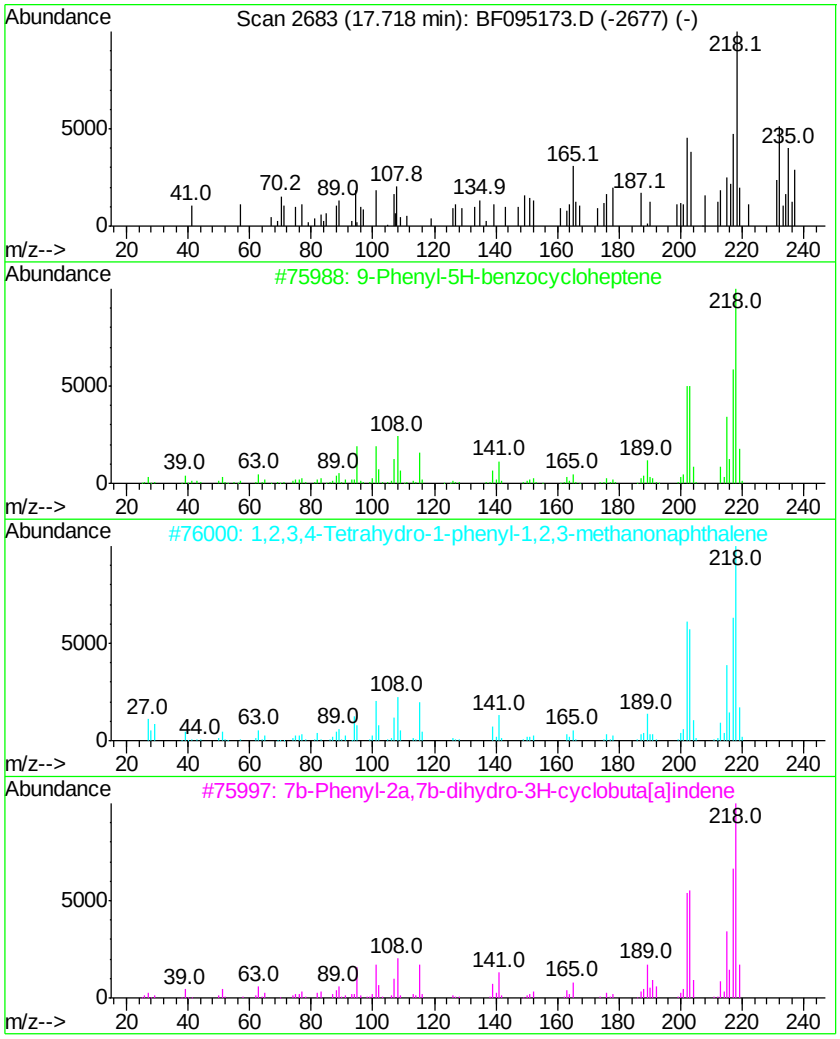
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

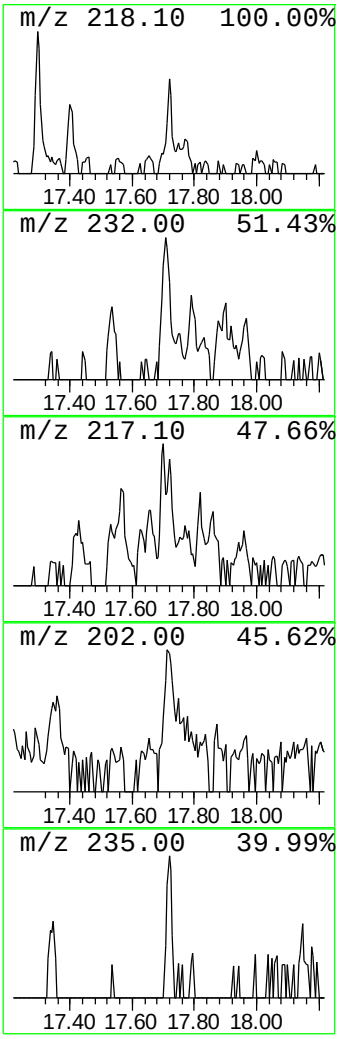
****

Peak Number 3 9-Phenyl-5H-benzocycloheptene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	2.23 ng	79488	Chrysene-d12	18.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Phenyl-5H-benzocycloheptene	218	C17H14	138089-71-1	53
2	1,2,3,4-Tetrahydro-1-phenyl-1,2,...	218	C17H14	138089-69-7	49
3	7b-Phenyl-2a,7b-dihydro-3H-cyclo...	218	C17H14	138089-70-0	47
4	4H-Benz[de]anthracene, 5,6-dihydro-	218	C17H14	004389-09-7	46
5	1,4-Methanonaphthalene, 1,4-dihy...	218	C17H14	055028-73-4	43





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Operator : SJ/MA
Sample : I3170-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-32-20170515

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

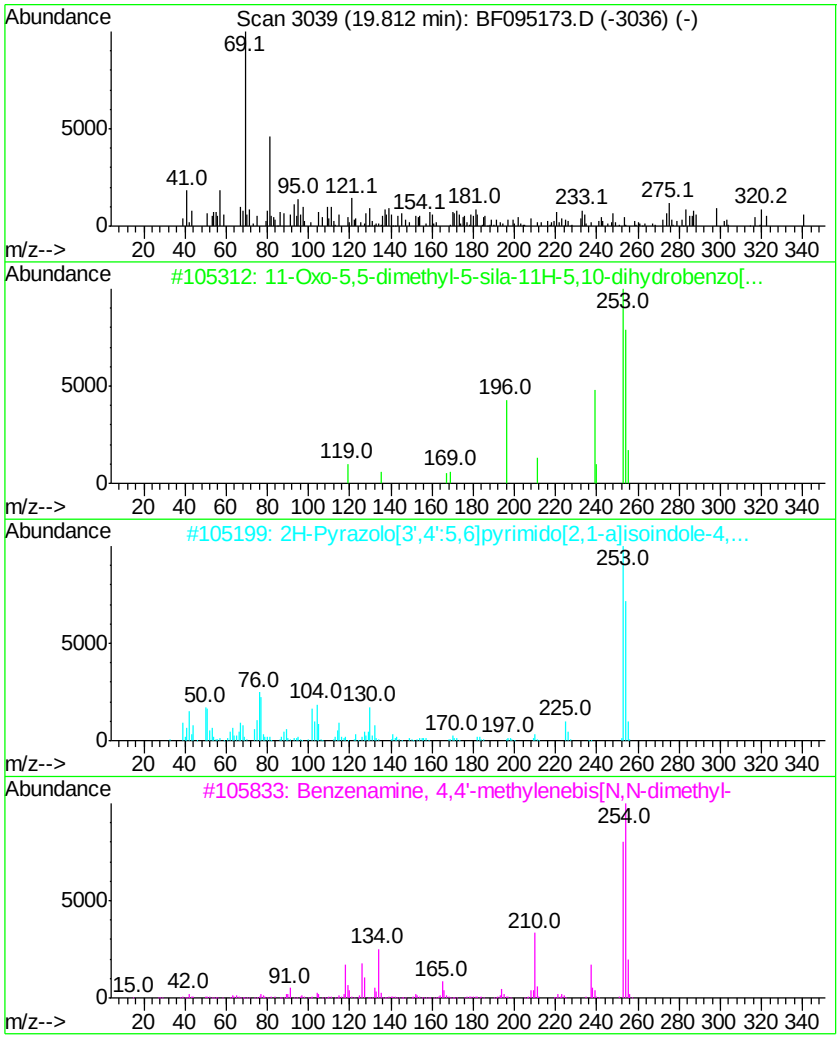
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

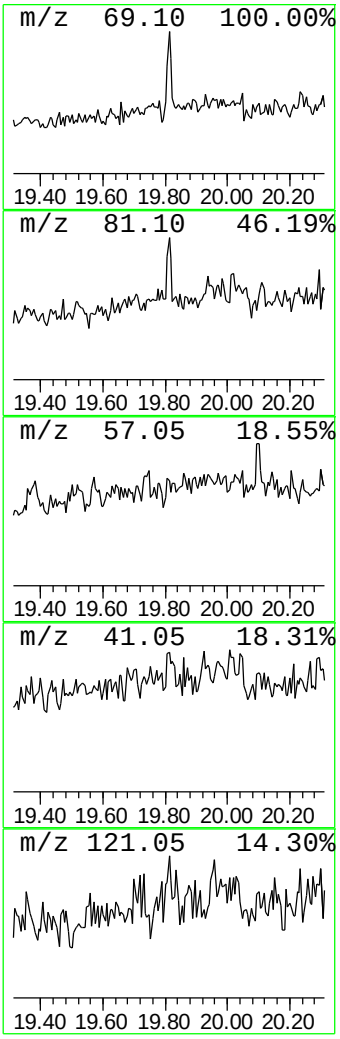
****

Peak Number 4 unknown19.81 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	4.15 ng	81063	Perylene-d12	20.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Oxo-5,5-dimethyl-5-sila-11H-5...	254	C14H14N2OSi	089052-47-1	38
2	2H-Pyrazolo[3',4':5,6]pyrimido[2...	254	C13H10N4O2	1000318-77-9	38
3	Benzenamine, 4,4'-methylenebis[N...	254	C17H22N2	000101-61-1	25
4	3,7,11-Tridecatrienoic acid, 4,8...	264	C17H28O2	036237-70-4	20
5	Benzenamine, 2,4,6-trimethyl-N-(...	253	C18H23N	1000327-29-3	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051617\
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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.45	7.45	14.1	ng	328548	1	7.77	466804	20.0
9-Phenyl-5H-benzo...	17.72	2.2	ng	79488	5	18.69	712870	20.0
unknown19.81	19.81	4.2	ng	81063	6	20.36	390496	20.0