LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
Data File : BF095204.D
Acq On : 18 May 2017 1:29
Operator : SJ/MA
Sample : I3182-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-137-339-120

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	5.113	536	540	557	rBV	49152	121634	11.97%	1.095%
2	5.748	645	648	679	rBV	278242	776624	76.43%	6.992%
3	7.319	911	915	931	rBV	293078	712165	70.08%	6.411%
4	7.437	931	935	951	rVB	581957	1004398	98.84%	9.042%
5	7.772	987	992	1002	rBV	343672	438281	43.13%	3.946%
6	8.007	1027	1032	1047	rBV	488725	643580	63.33%	5.794%
7	8.672	1141	1145	1162	rBV	197178	398551	39.22%	3.588%
8	9.789	1330	1335	1359	rBV	376413	592195	58.28%	5.331%
9	11.560	1631	1636	1655	rBV	654409	1016170	100.00%	9.148%
10	12.260	1751	1755	1767	rBV	57619	107667	10.60%	0.969%
11	12.619	1811	1816	1838	rBV2	458046	715382	70.40%	6.440%
12	13.454	1955	1958	1962	rBV2	8961	11135	1.10%	0.100%
13	13.536	1968	1972	1982	rVB2	6462	11882	1.17%	0.107%
14	13.924	2034	2038	2050	rBV	197833	376388	37.04%	3.388%
15	14.224	2086	2089	2092	rBV2	10829	12405	1.22%	0.112%
16	14.960	2210	2214	2219	rBV3	6490	10310	1.01%	0.093%
17	15.024	2220	2225	2229	rVV	328712	449806	44.26%	4.049%
18	15.060	2229	2231	2243	rVV	104565	155542	15.31%	1.400%
19	15.154	2243	2247	2254	rVB2	16176	28570	2.81%	0.257%
20	15.812	2355	2359	2363	rBV	7411	10737	1.06%	0.097%
21	15.960	2381	2384	2388	rBV2	15487	24351	2.40%	0.219%
22	16.807	2523	2528	2534	rBV	162763	213503	21.01%	1.922%
23	17.107	2574	2579	2588	rBV	166474	215659	21.22%	1.941%
24	17.336	2614	2618	2625	rBV	580177	687771	67.68%	6.192%
25	17.424	2631	2633	2639	rVB4	9772	14648	1.44%	0.132%
26	17.571	2654	2658	2663	rVB	20564	28729	2.83%	0.259%
27	17.654	2669	2672	2676	rBV	18068	19364	1.91%	0.174%
28	17.712	2678	2682	2685	rBV6	12489	21040	2.07%	0.189%
29	18.089	2741	2746	2747	rBV5	8150	13594	1.34%	0.122%
30	18.406	2797	2800	2803	rVB3	14578	16246	1.60%	0.146%
31	18.436	2803	2805	2808	rBV2	12059	11751	1.16%	0.106%
32	18.689	2843	2848	2852	rBV2	443089	653273	64.29%	5.881%
33	18.724	2852	2854	2860	rVB2	90309	136251	13.41%	1.227%
34	18.824	2868	2871	2876	rBV3	21242	28209	2.78%	0.254%

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

35	18.965	2892	2895	2896	rBV3	10903	12361	1.22%	0.111%
36	19.077	2908	2914	2915	rBV6	22309	37020	3.64%	0.333%
37	19.200	2933	2935	2937	rBV3	12500	11285	1.11%	0.102%
38	19.318	2945	2955	2958	rBV3	28857	81095	7.98%	0.730%
39	19.377	2962	2965	2968	rVB4	16080	25241	2.48%	0.227%
40	19.553	2992	2995	2996	rBV3	17496	19597	1.93%	0.176%
41	19.806	3034	3038	3044	rBV7	41239	95029	9.35%	0.855%
42	19.965	3061	3065	3067	rBV	96255	128032	12.60%	1.153%
43	20.077	3081	3084	3086	rBV2	35101	45904	4.52%	0.413%
44	20.253	3110	3114	3119	rBV	75624	125955	12.40%	1.134%
45	20.312	3121	3124	3129	rVV	100946	165593	16.30%	1.491%
46	20.365	3129	3133	3143	rVB	375058	595469	58.60%	5.361%
47	20.683	3185	3187	3190	rBV4	22446	26041	2.56%	0.234%
48	20.942	3229	3231	3233	rBV3	22890	29029	2.86%	0.261%
49	22.100	3425	3428	3433	rBV4	16126	32559	3.20%	0.293%

Sum of corrected areas: 11108021

LSC Report - Integrated Chromatogram

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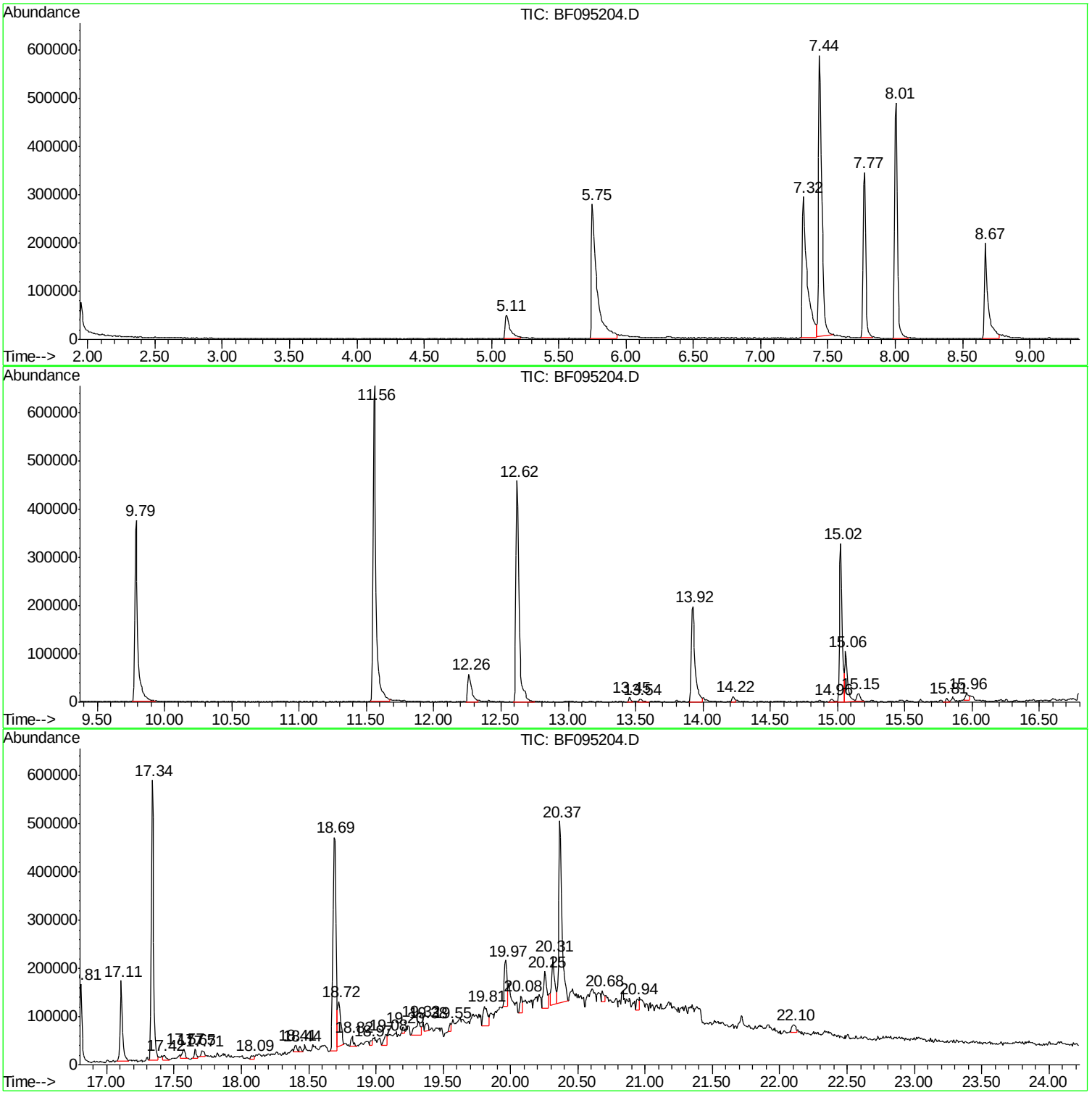
Sample : I3182-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-137-339-120

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\BF051717\
Data File : BF095204.D
Acq On : 18 May 2017 1:29
Operator : SJ/MA
Sample : I3182-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-137-339-120

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

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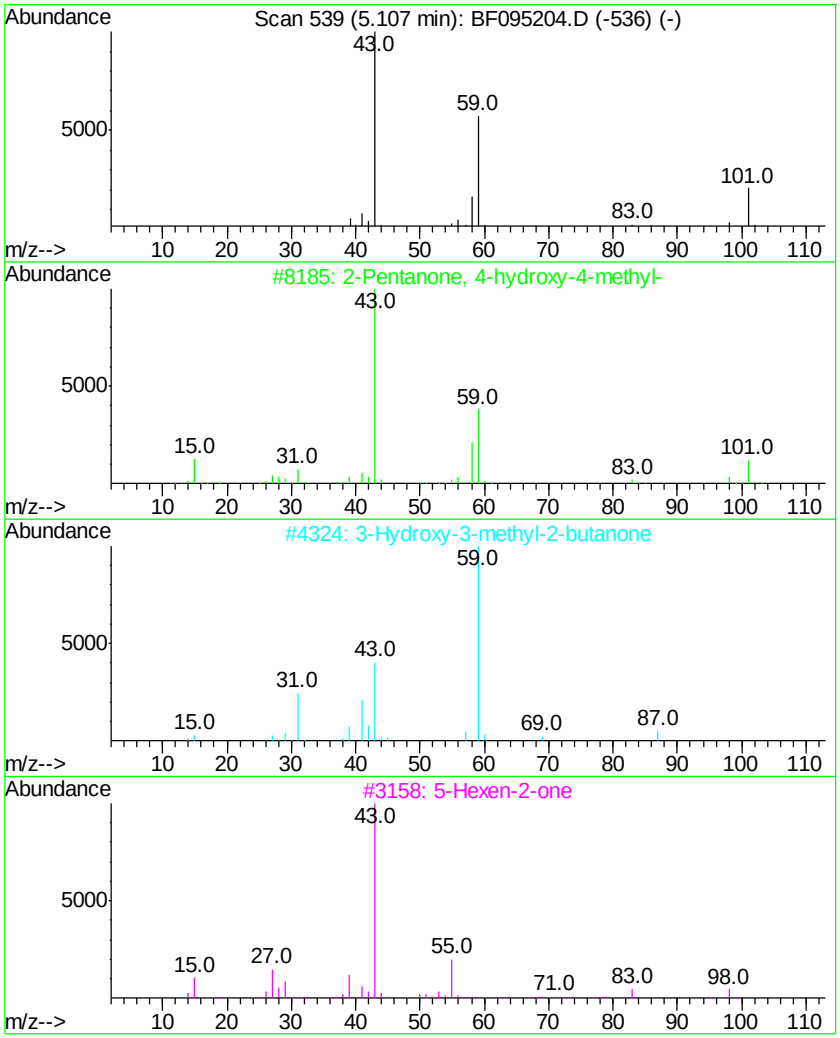
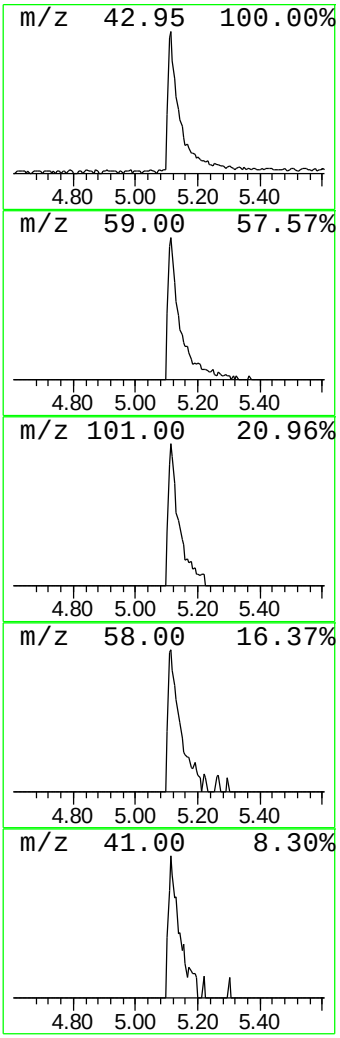
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	5.55 ng	121634	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9
5	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
Data File : BF095204.D
Acq On : 18 May 2017 1:29
Operator : SJ/MA
Sample : I3182-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-137-339-120

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

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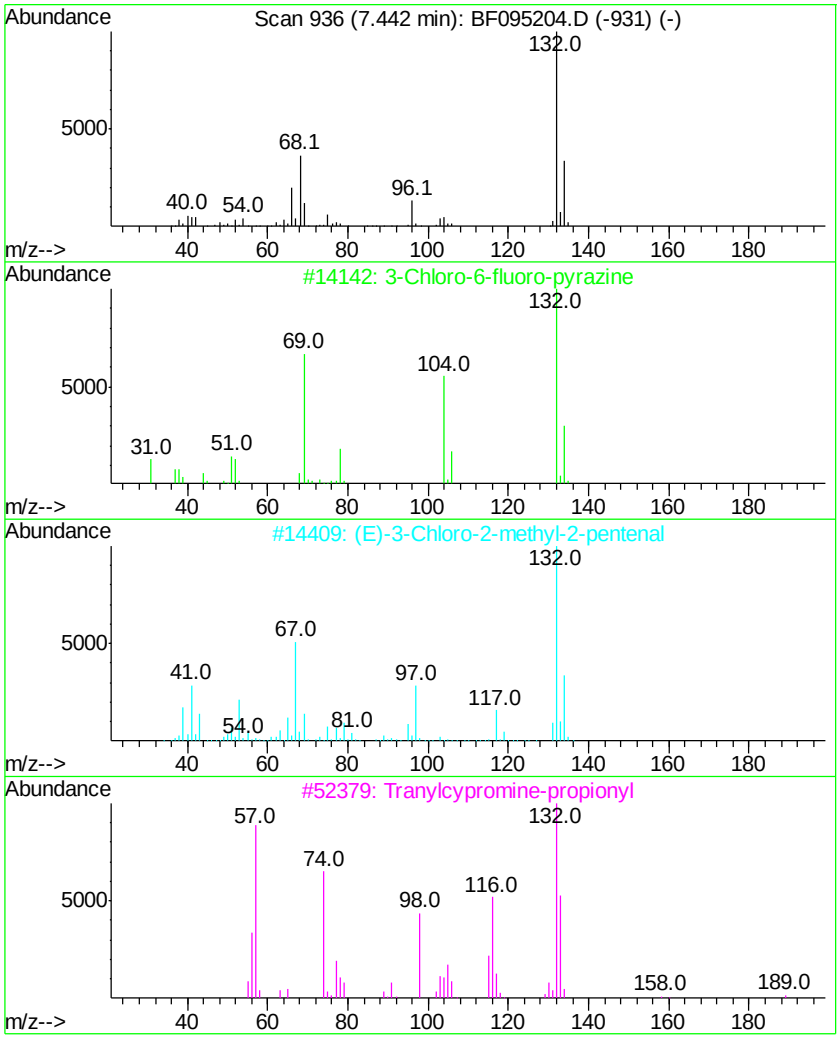
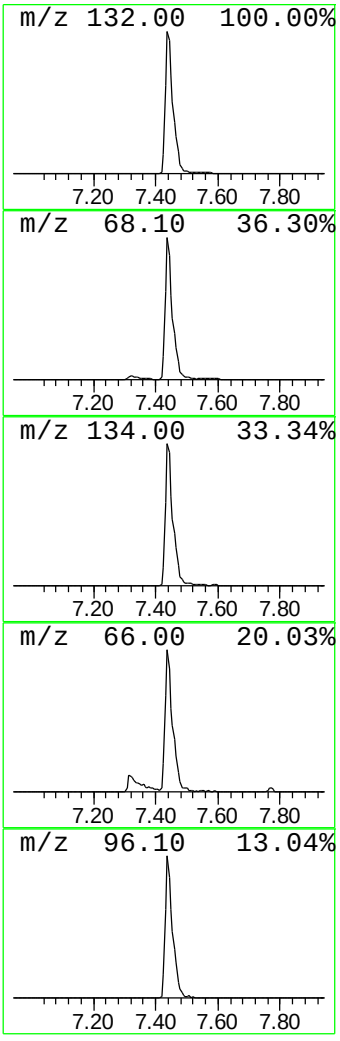
Peak Number 2 unknown7.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	45.83 ng	1004400	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	5-Aminoindole	132	C8H8N2	005192-03-0	9





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Instrument : BNA_F
ClientSampleId : ETGI-137-339-120

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

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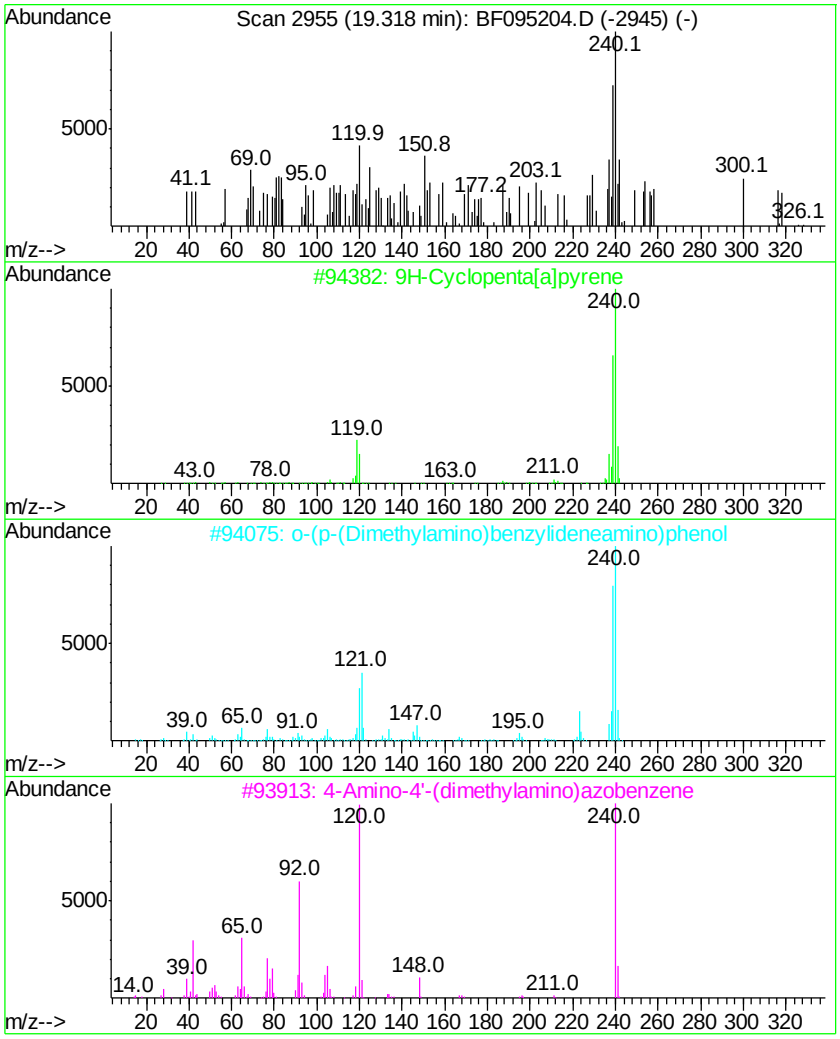
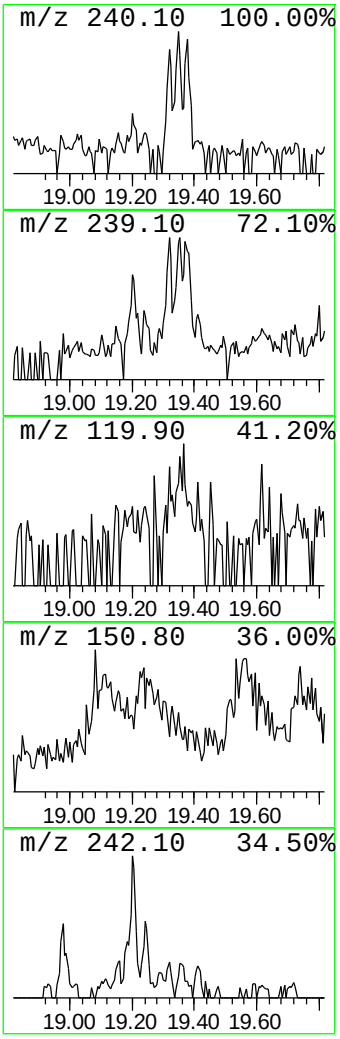
Peak Number 4 unknown19.32 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	2.48 ng	81095	Chrysene-d12	18.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Cyclopenta[a]pyrene	240	C19H12	050861-05-7	43
2	o-(p-(Dimethylamino)benzylidenea...	240	C15H16N2O	023837-35-6	38
3	4-Amino-4'-(dimethylamino)azoben...	240	C14H16N4	000539-17-3	27
4	Selenocyanic acid, p-(diethylami...	254	C11H14N2Se	022037-07-6	18
5	2-Benzothiazolamine, N-(phenylme...	240	C14H12N2S	021816-82-0	14





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-137-339-120

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

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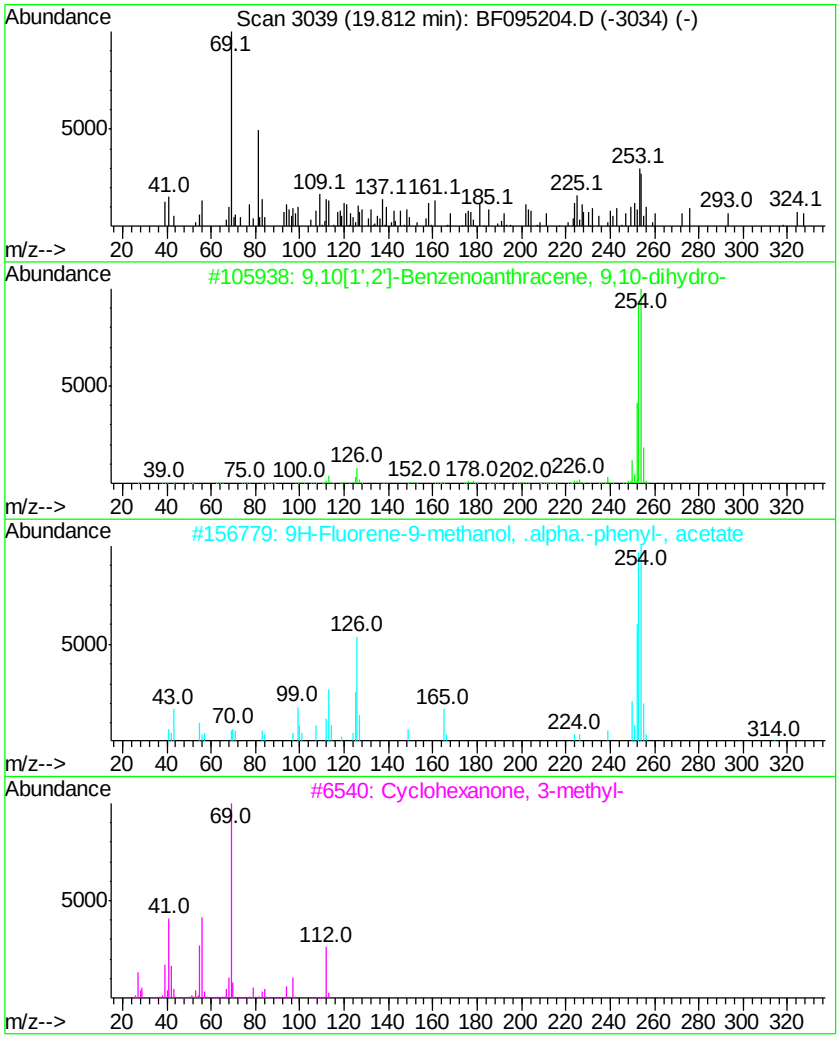
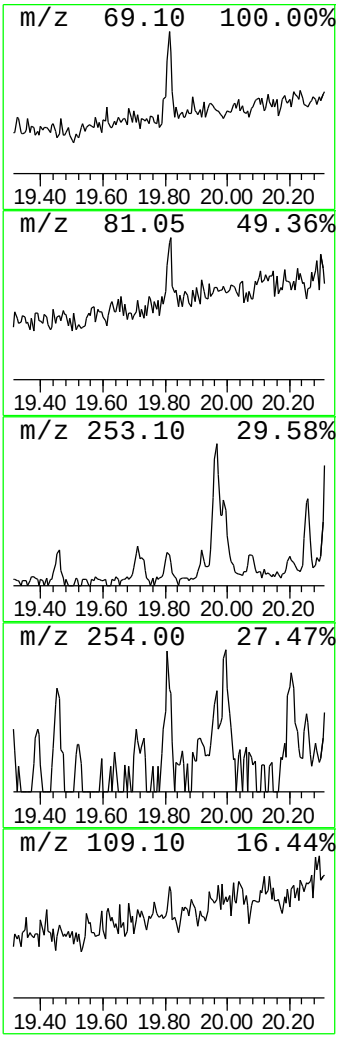
Peak Number 5 unknown19.81 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	3.19 ng	95029	Perylene-d12	20.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	38
2	9H-Fluorene-9-methanol, .alpha.-...	314	C22H18O2	063839-89-4	27
3	Cyclohexanone, 3-methyl-	112	C7H12O	000591-24-2	20
4	Benzenamine, 4-(2-benzothiazolyl...	254	C15H14N2S	010205-56-8	18
5	1,2'-Binaphthalene	254	C20H14	004325-74-0	18





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...	5.11	5.5	ng	121634	1	7.77	438281	20.0
unknown7.44	7.44	45.8	ng	1004400	1	7.77	438281	20.0
unknown19.32	19.32	2.5	ng	81095	5	18.69	653273	20.0
unknown19.81	19.81	3.2	ng	95029	6	20.37	595469	20.0