LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095153.D
Acq On : 16 May 2017 11:49
Operator : SJ/MA
Sample : I3140-10 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-3

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	1.960	3	4	10	rVB	26719	27870	3.43%	0.275%
2	5.107	535	539	553	rBV	70951	151352	18.63%	1.493%
3	5.754	646	649	683	rBV	226586	652714	80.33%	6.438%
4	7.319	912	915	932	rBV	274874	659848	81.21%	6.509%
5	7.442	932	936	955	rVB	481007	812568	100.00%	8.015%
6	7.778	989	993	1005	rBV	340984	431509	53.10%	4.256%
7	8.013	1029	1033	1048	rBV	529308	652778	80.34%	6.439%
8	8.672	1141	1145	1164	rBV	248969	451505	55.57%	4.454%
9	9.795	1331	1336	1355	rBV	343030	507694	62.48%	5.008%
10	11.566	1632	1637	1652	rBV	536688	771119	94.90%	7.606%
11	12.266	1752	1756	1767	rBV2	30409	64623	7.95%	0.637%
12	12.407	1776	1780	1788	rBV	14750	21365	2.63%	0.211%
13	12.624	1812	1817	1825	rBV2	401706	528973	65.10%	5.218%
14	13.460	1955	1959	1963	rBV	10205	12444	1.53%	0.123%
15	13.536	1967	1972	1980	rVB5	4155	9955	1.23%	0.098%
16	13.824	2014	2021	2026	rBV4	5878	11713	1.44%	0.116%
17	13.930	2035	2039	2060	rBV	141378	259407	31.92%	2.559%
18	14.236	2087	2091	2099	rVB2	12438	22959	2.83%	0.226%
19	15.030	2222	2226	2230	rVV	265936	354067	43.57%	3.492%
20	15.071	2230	2233	2241	rVV	51600	80640	9.92%	0.795%
21	15.159	2244	2248	2258	rVB	19377	31174	3.84%	0.307%
22	15.818	2357	2360	2363	rBV	8464	8377	1.03%	0.083%
23	15.859	2363	2367	2374	rVB	11194	16518	2.03%	0.163%
24	15.930	2376	2379	2382	rBV	7108	9256	1.14%	0.091%
25	15.965	2382	2385	2390	rVV	16944	30567	3.76%	0.302%
26	16.001	2390	2391	2396	rVB3	8439	11120	1.37%	0.110%
27	16.259	2431	2435	2440	rBV	7194	9388	1.16%	0.093%
28	16.606	2491	2494	2498	rBV	13789	17657	2.17%	0.174%
29	16.648	2498	2501	2505	rVV5	6609	9119	1.12%	0.090%
30	16.736	2511	2516	2520	rBV3	7341	11424	1.41%	0.113%
31	16.806	2523	2528	2541	rBV	183579	254971	31.38%	2.515%
32	16.948	2548	2552	2557	rVB3	7444	11105	1.37%	0.110%
33	17.112	2575	2580	2590	rBV	215737	267851	32.96%	2.642%
34	17.306	2610	2613	2616	rBV	11346	14128	1.74%	0.139%

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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	17.348	2616	2620	2628	rVV	374622	441992	54.39%	4.360%
36	17.430	2628	2634	2642	rVB6	16111	37337	4.59%	0.368%
37	17.548	2647	2654	2655	rBV2	17806	25971	3.20%	0.256%
38	17.577	2655	2659	2666	rVB	37724	49682	6.11%	0.490%
39	17.659	2670	2673	2678	rBV	28097	30622	3.77%	0.302%
40	17.712	2678	2682	2690	rBV4	26997	48635	5.99%	0.480%
41	17.824	2699	2701	2705	rBV	14382	15517	1.91%	0.153%
42	17.871	2705	2709	2713	rVB5	8716	12605	1.55%	0.124%
43	18.000	2729	2731	2737	rVB7	5725	8632	1.06%	0.085%
44	18.218	2764	2768	2771	rBV6	9928	13969	1.72%	0.138%
45	18.259	2772	2775	2780	rVB4	12490	16944	2.09%	0.167%
46	18.377	2792	2795	2798	rBV	16133	21208	2.61%	0.209%
47	18.406	2798	2800	2803	rVB2	23483	25212	3.10%	0.249%
48	18.442	2803	2806	2810	rBV	22442	27462	3.38%	0.271%
49	18.477	2810	2812	2816	rVB4	17855	19689	2.42%	0.194%
50	18.536	2819	2822	2823	rBV3	8947	9390	1.16%	0.093%
51	18.695	2844	2849	2853	rBV2	442045	677395	83.36%	6.682%
52	18.736	2853	2856	2866	rVB	123060	199029	24.49%	1.963%
53	18.830	2868	2872	2876	rBV2	32141	40818	5.02%	0.403%
54	18.918	2885	2887	2889	rBV3	9234	9168	1.13%	0.090%
55	19.189	2930	2933	2934	rBV3	12596	12582	1.55%	0.124%
56	19.206	2934	2936	2940	rVB	34573	32381	3.99%	0.319%
57	19.247	2941	2943	2948	rVB2	20131	18902	2.33%	0.186%
58	19.294	2948	2951	2952	rBV3	13919	15123	1.86%	0.149%
59	19.353	2959	2961	2964	rBV4	15355	21022	2.59%	0.207%
60	19.971	3062	3066	3070	rBV	136072	233111	28.69%	2.299%
61	20.083	3082	3085	3087	rBV	25772	30162	3.71%	0.298%
62	20.153	3095	3097	3099	rBV3	20382	26578	3.27%	0.262%
63	20.265	3112	3116	3120	rVB	84589	108147	13.31%	1.067%
64	20.318	3122	3125	3130	rVV	108415	155353	19.12%	1.532%
65	20.377	3131	3135	3145	rVB	279510	451113	55.52%	4.450%
66	20.577	3167	3169	3170	rBV2	20122	13957	1.72%	0.138%
67	20.765	3199	3201	3206	rBV5	18220	33269	4.09%	0.328%
68	21.718	3360	3363	3370	rVB2	27667	52606	6.47%	0.519%
69	22.341	3467	3469	3470	rBV2	15806	14840	1.83%	0.146%

Sum of corrected areas: 10138181

LSC Report - Integrated Chromatogram

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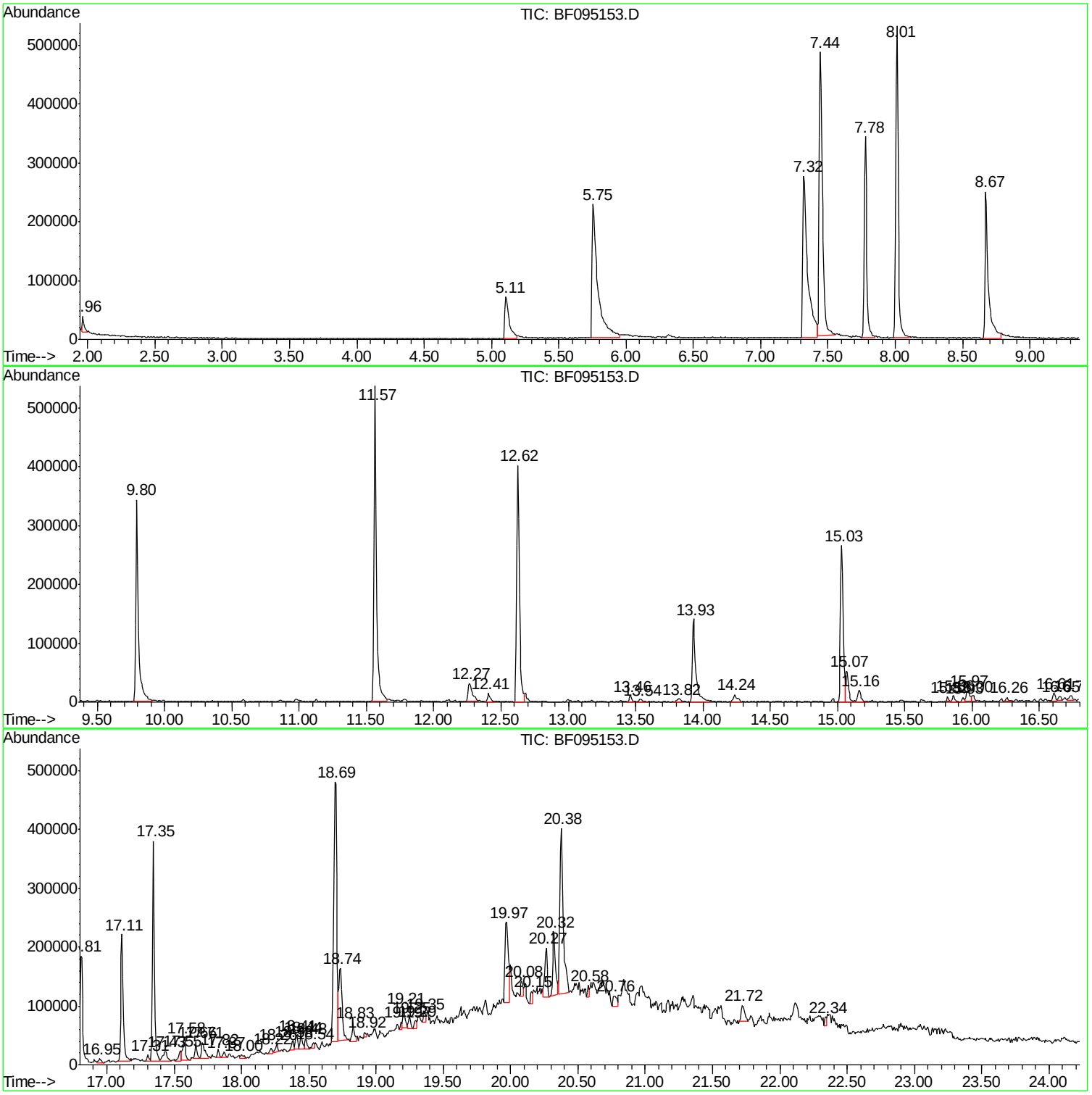
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3-3

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095153.D
Acq On : 16 May 2017 11:49
Operator : SJ/MA
Sample : I3140-10 2X
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

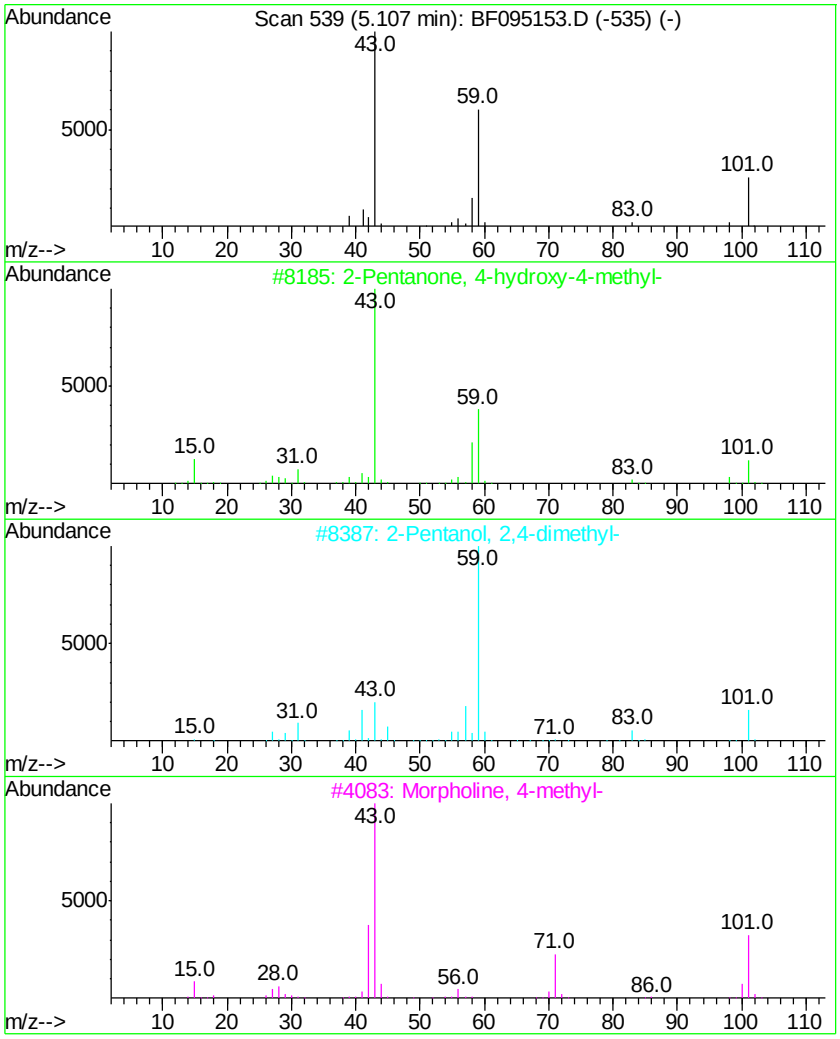
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

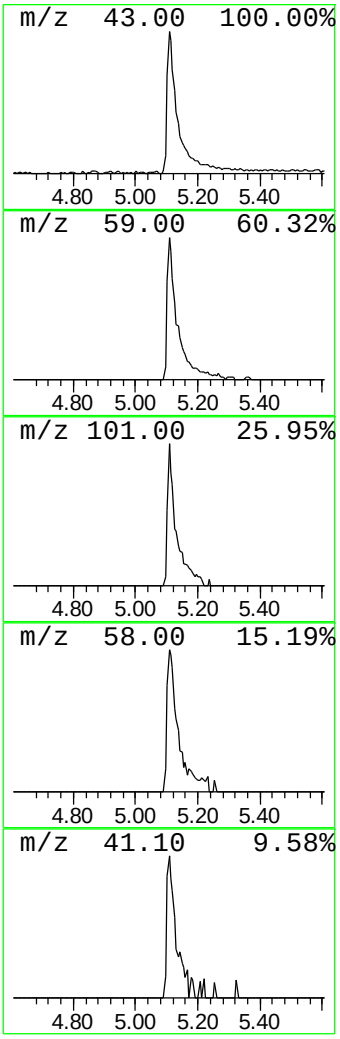
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	7.02 ng	151352	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	28
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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ClientSampleId : TP-3-3

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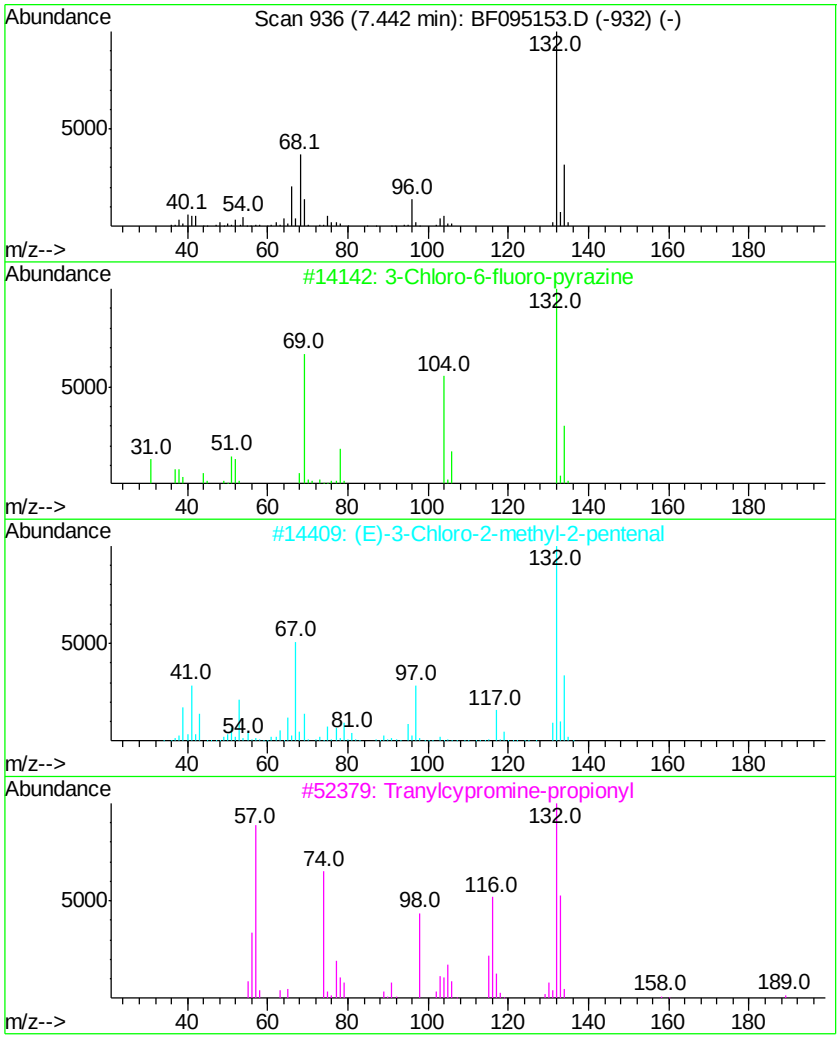
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

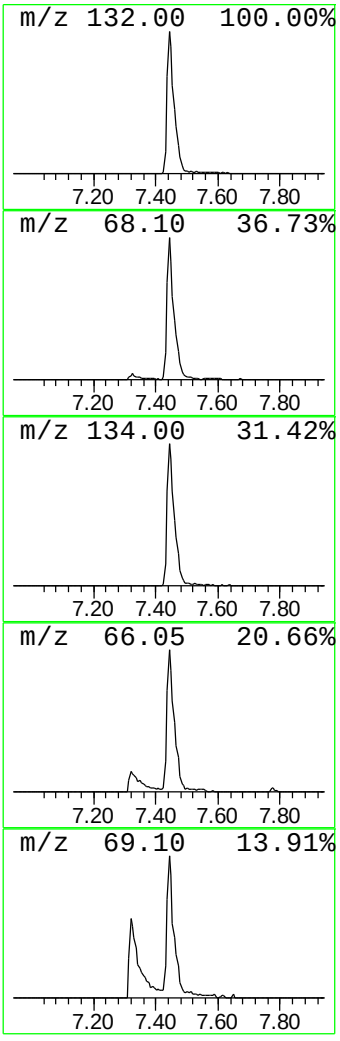
****

Peak Number 2 unknown7.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	37.66 ng	812568	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1-Aminoindan	133	C9H11N	034698-41-4	9





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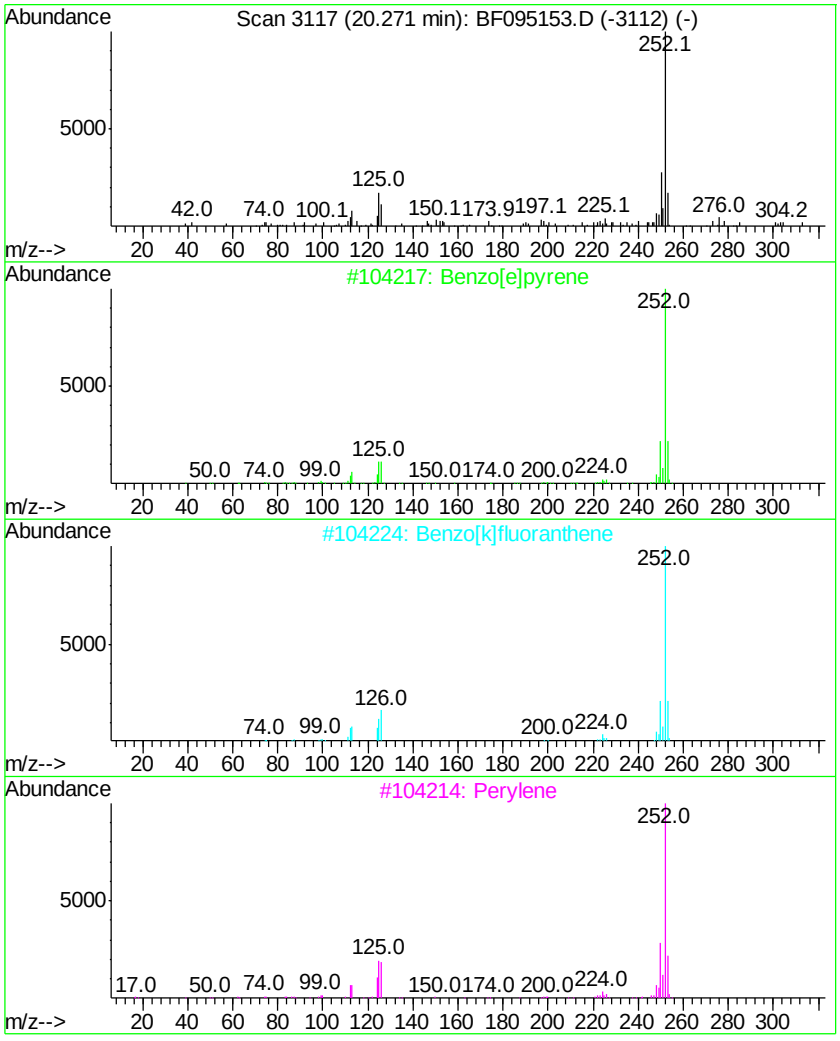
TIC Integration Parameters: LSCINT.P

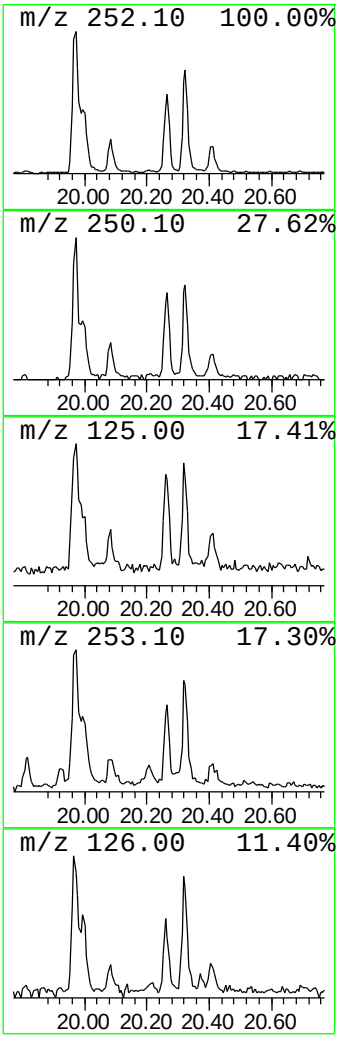
****

Peak Number 4 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	4.79 ng	108147	Perylene-d12	20.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3	Perylene	252	C20H12	000198-55-0	89
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





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...	5.11	7.0	ng	151352	1	7.78	431509	20.0
unknown7.44	7.44	37.7	ng	812568	1	7.78	431509	20.0
Benzo[e]pyrene	20.27	4.8	ng	108147	6	20.38	451113	20.0