

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
 Data File : BG042517.D
 Acq On : 27 Aug 2019 23:21
 Operator : HP/JU
 Sample : K4526-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T9-12-13-L-(0-1.9)

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.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	3.117	3	5	24	rVB	313044	497686	28.53%	4.185%
2	5.555	413	420	433	rBV	275410	473689	27.15%	3.984%
3	7.159	685	693	717	rBV	283513	538760	30.88%	4.531%
4	7.529	749	756	771	rBV	304590	546588	31.33%	4.597%
5	7.999	827	836	843	rBV	97566	168844	9.68%	1.420%
6	8.322	883	891	903	rBV	238444	414461	23.76%	3.485%
7	9.162	1026	1034	1046	rBV	156014	307176	17.61%	2.583%
8	10.819	1308	1316	1330	rBV	118139	231418	13.27%	1.946%
9	13.275	1727	1734	1749	rBV	506711	842335	48.29%	7.084%
10	14.110	1869	1876	1886	rBV	17646	34710	1.99%	0.292%
11	14.656	1963	1969	1977	rBV2	238577	382164	21.91%	3.214%
12	16.148	2217	2223	2241	rBV	456304	817403	46.86%	6.874%
13	17.412	2429	2438	2442	rBV	360598	577106	33.08%	4.853%
14	17.453	2442	2445	2453	rVV	113949	178354	10.22%	1.500%
15	17.547	2455	2461	2466	rVB2	12995	32084	1.84%	0.270%
16	17.817	2500	2507	2512	rBV8	5771	17653	1.01%	0.148%
17	18.299	2585	2589	2592	rBV4	11150	17821	1.02%	0.150%
18	18.334	2592	2595	2600	rVB2	17117	28566	1.64%	0.240%
19	18.487	2616	2621	2625	rBV3	23929	42992	2.46%	0.362%
20	18.610	2637	2642	2648	rVB4	11116	23191	1.33%	0.195%
21	18.833	2676	2680	2686	rVV6	16293	28841	1.65%	0.243%
22	19.462	2782	2787	2796	rBV	239113	352521	20.21%	2.965%
23	19.826	2840	2849	2858	rBV	205391	343741	19.71%	2.891%
24	20.020	2876	2882	2889	rBV	1329187	1744432	100.00%	14.670%
25	20.314	2930	2932	2937	rVB2	23822	28299	1.62%	0.238%
26	21.330	3101	3105	3114	rVB4	42540	111355	6.38%	0.936%
27	21.683	3157	3165	3170	rBV2	487074	978818	56.11%	8.232%
28	21.730	3170	3173	3184	rVB	109571	174717	10.02%	1.469%
29	21.883	3196	3199	3206	rVB2	27429	43233	2.48%	0.364%
30	22.488	3299	3302	3312	rVB4	30889	55129	3.16%	0.464%
31	23.193	3417	3422	3427	rVB3	29863	58045	3.33%	0.488%
32	23.375	3449	3453	3459	rVB2	26144	48325	2.77%	0.406%
33	23.892	3534	3541	3550	rBV	79945	275433	15.79%	2.316%
34	24.621	3657	3665	3676	rVB	50034	152572	8.75%	1.283%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	24.768	3682	3690	3698	rBV	60236	164925	9.45%	1.387%
36	24.920	3706	3716	3737	rBV2	296560	940833	53.93%	7.912%
37	26.090	3913	3915	3924	rVB10	12819	28329	1.62%	0.238%
38	28.616	4338	4345	4365	rVB4	32734	156138	8.95%	1.313%
39	29.756	4532	4539	4540	rBV	20173	32334	1.85%	0.272%

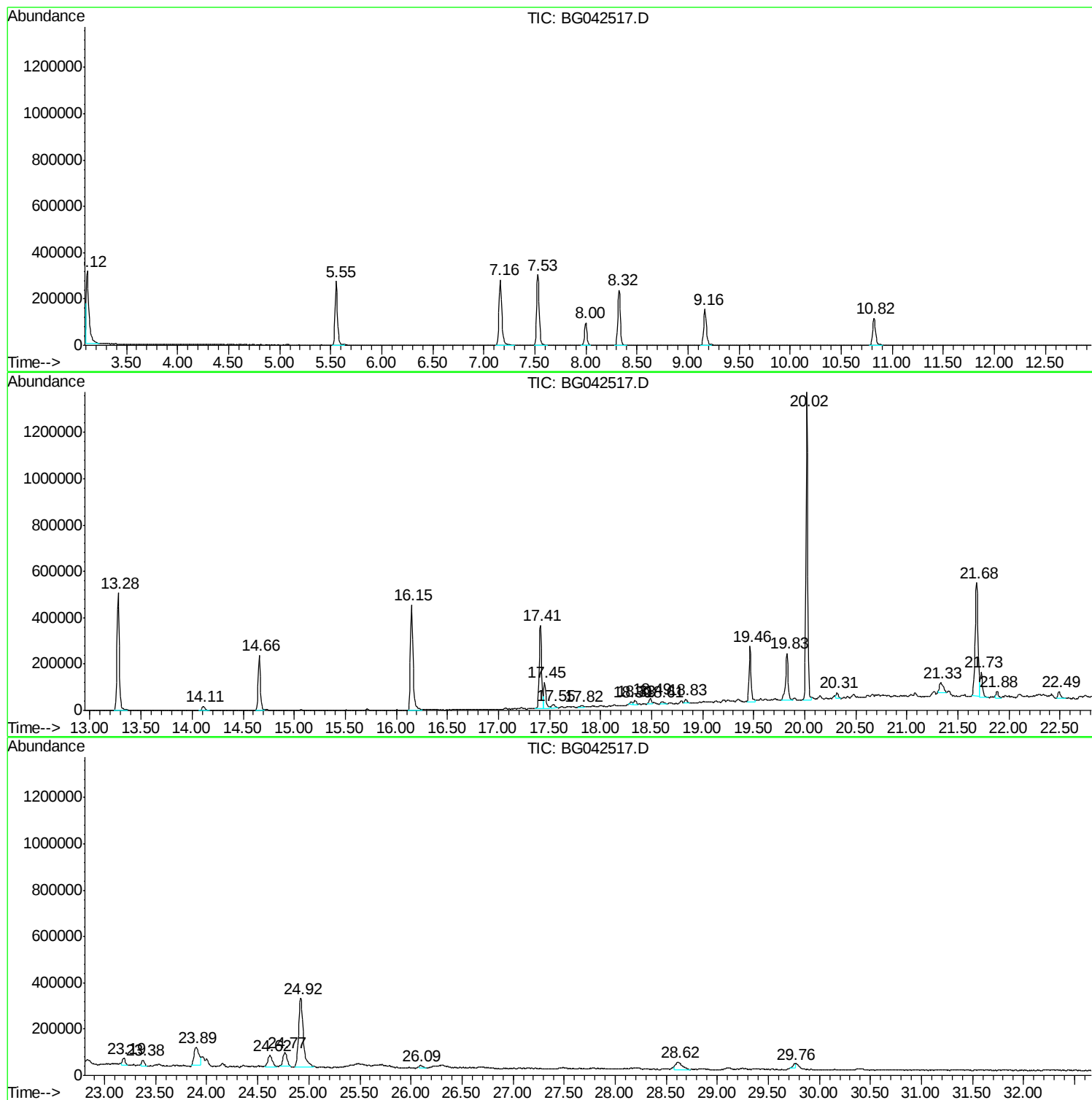
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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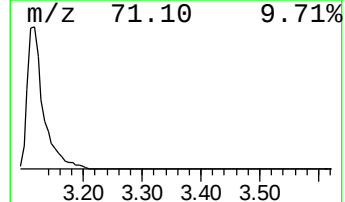
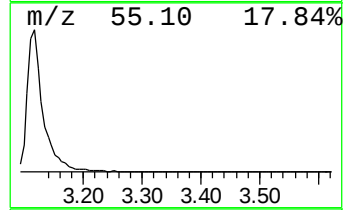
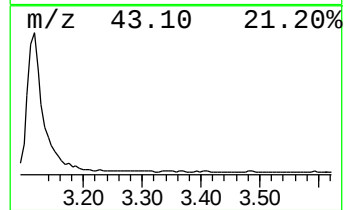
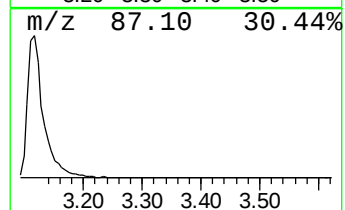
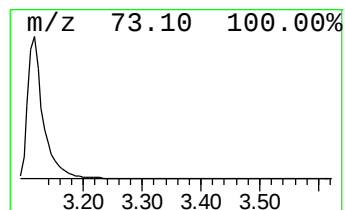
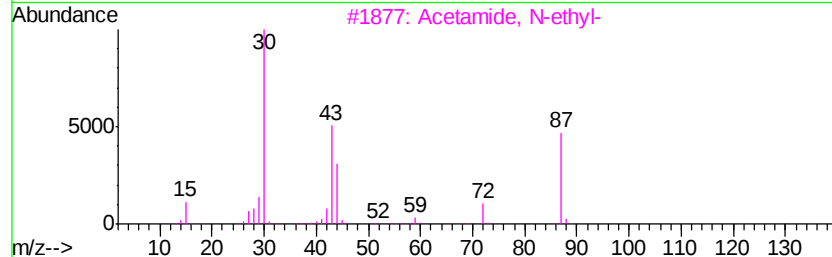
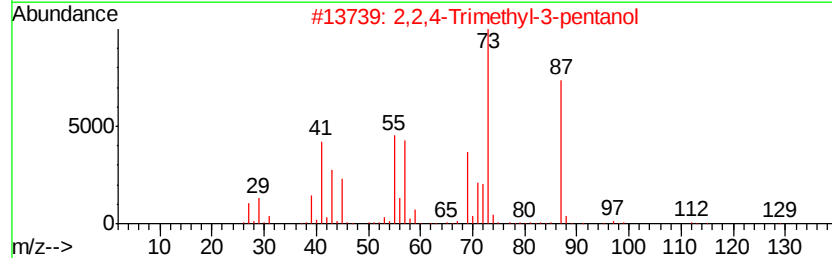
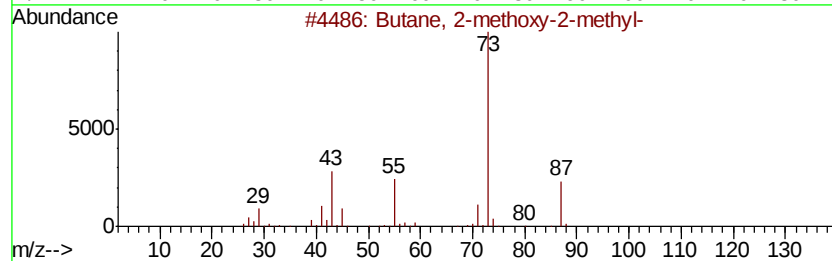
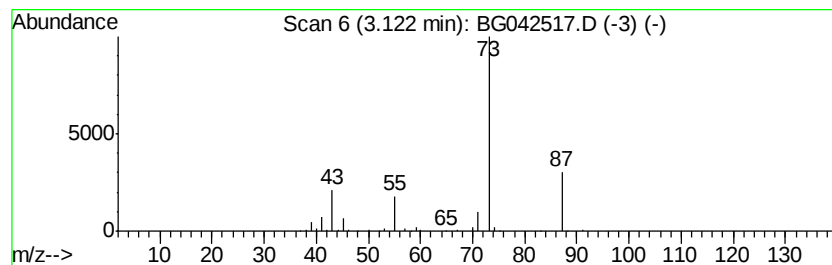
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	58.95 ng	497686	1,4-Dichlorobenzene-d4	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	16
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9



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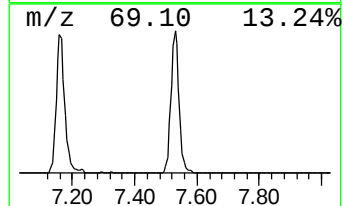
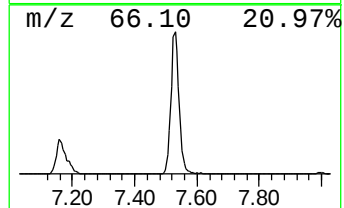
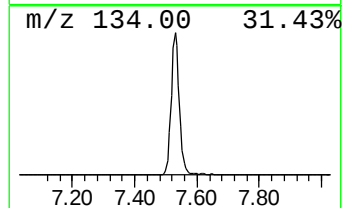
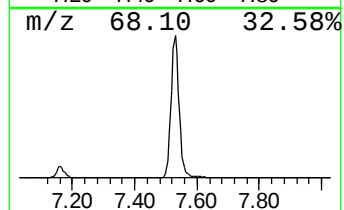
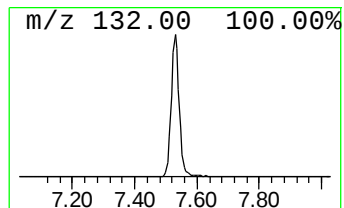
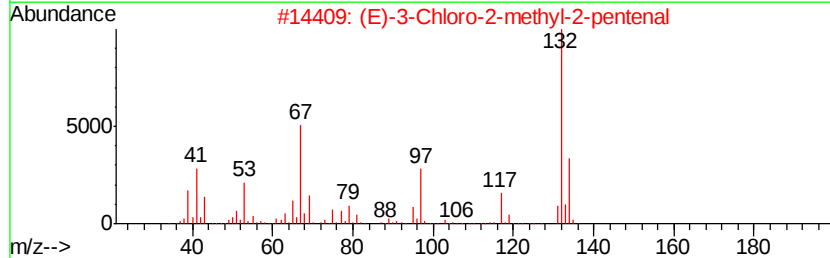
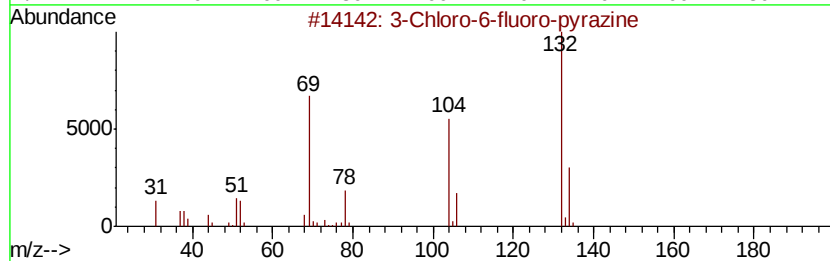
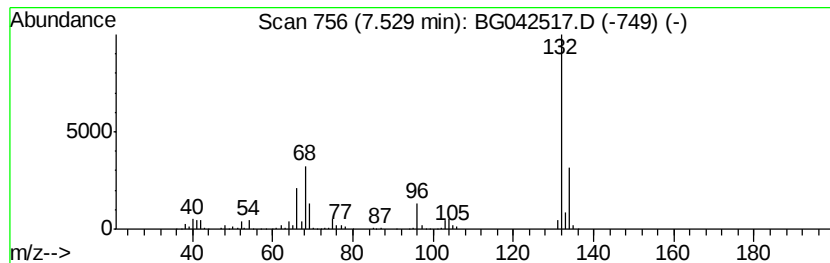
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
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Peak Number 2 unknown7.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	64.74 ng	546588	1,4-Dichlorobenzene-d4	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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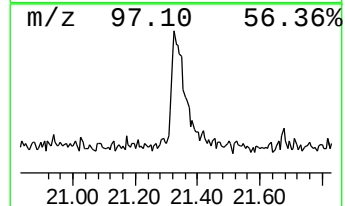
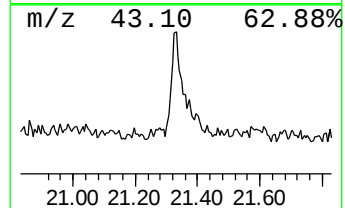
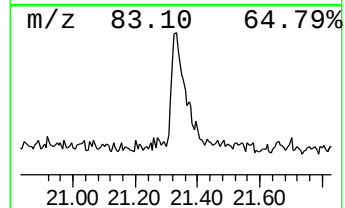
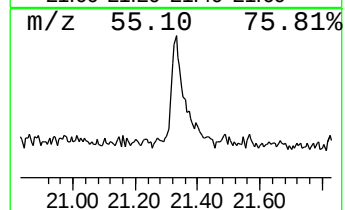
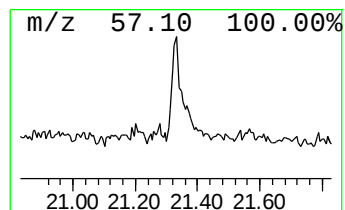
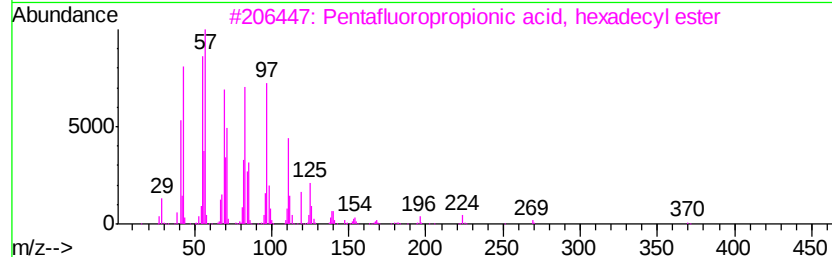
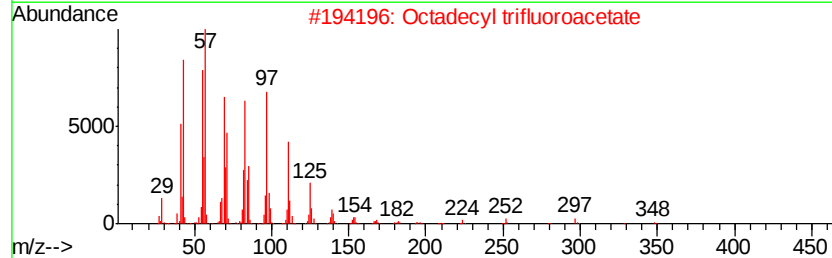
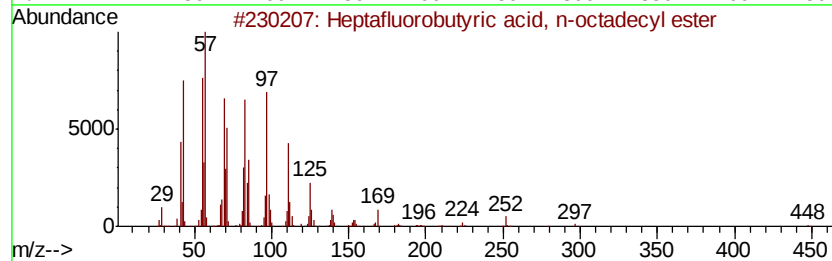
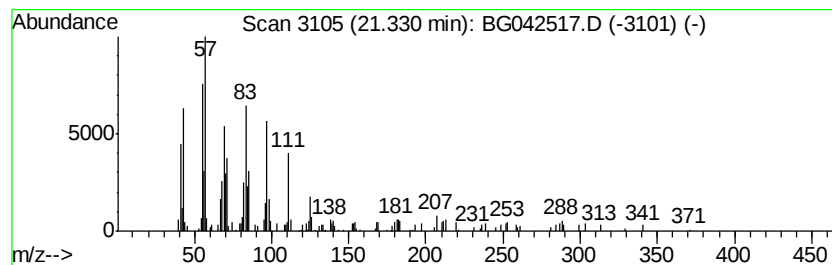
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Peak Number 4 Heptafluorobutyric acid, n-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	2.28 ng	111355	Chrysene-d12	21.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	93
2		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	93
3		Pentafluoropropionic acid, hexadecyl ester	388	C19H33F5O2	006222-07-7	91
4		Pentafluoropropionic acid, pentafluoropropyl ester	374	C18H31F5O2	959092-08-1	91
5		2-Chloropropionic acid, octadecyl ester	360	C21H41ClO2	088104-31-8	90



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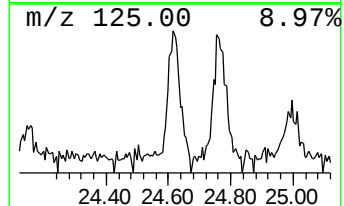
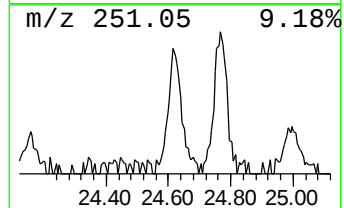
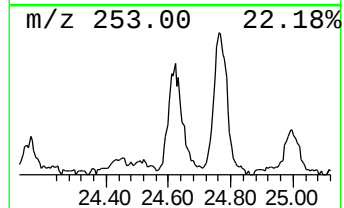
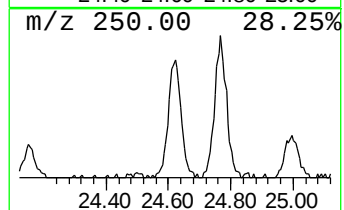
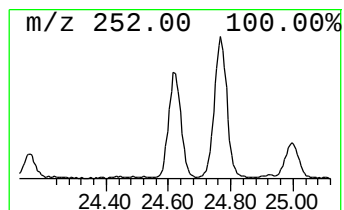
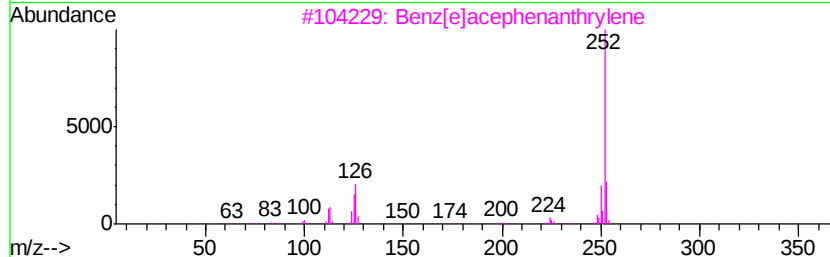
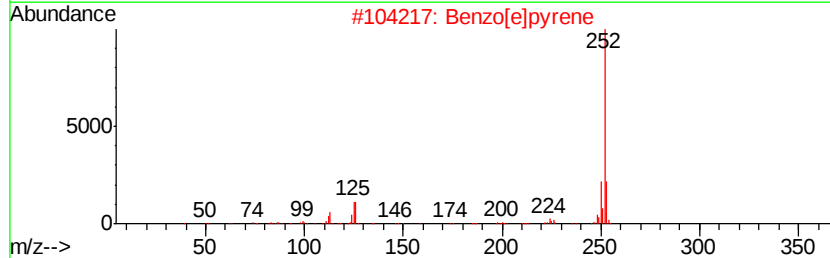
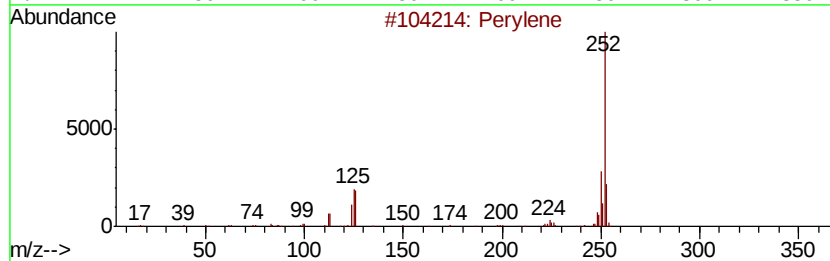
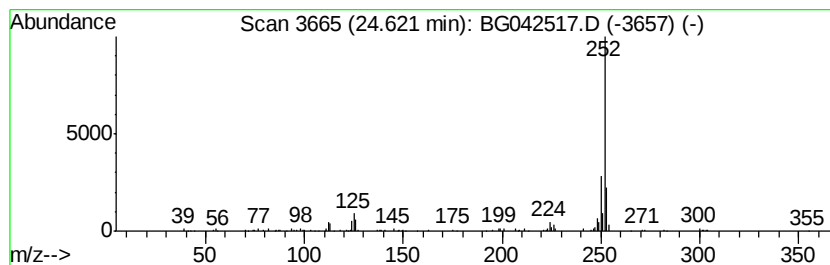
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Peak Number 5 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.62	3.24 ng	152572	Perylene-d12	24.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene		252	C20H12	000198-55-0	94
2	Benzo[e]pyrene		252	C20H12	000192-97-2	90
3	Benzo[e]acephenanthrylene		252	C20H12	000205-99-2	90
4	Benzo[i]fluoranthene		252	C20H12	000205-82-3	90
5	Benzo[k]fluoranthene		252	C20H12	000207-08-9	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.12	59.0	ng	497686	1	8.00	168844	20.0
unknown7.53	7.53	64.7	ng	546588	1	8.00	168844	20.0
Heptafluorobutyri...	21.33	2.3	ng	111355	5	21.68	978818	20.0
Perylene	24.62	3.2	ng	152572	6	24.92	940833	20.0