

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
 Data File : BG043229.D
 Acq On : 15 Oct 2019 21:44
 Operator : JU
 Sample : K5148-05 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-101119

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-BG092519.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	3.159	4	12	20	rBV2	46661	114065	7.03%	0.810%
2	3.235	20	25	32	rVB	71168	120383	7.42%	0.855%
3	5.638	426	434	448	rBV	323993	615586	37.93%	4.371%
4	7.225	695	704	717	rBV	358008	717667	44.22%	5.096%
5	7.589	758	766	777	rBV	387459	714002	44.00%	5.070%
6	8.053	837	845	856	rBV2	212086	392093	24.16%	2.784%
7	8.376	891	900	910	rBV	308995	565313	34.83%	4.014%
8	9.217	1032	1043	1058	rBV	191913	427626	26.35%	3.036%
9	10.856	1311	1322	1334	rBV	257659	528103	32.54%	3.750%
10	13.300	1729	1738	1749	rBV	629017	1097003	67.60%	7.789%
11	14.123	1871	1878	1888	rBV	83776	144832	8.92%	1.028%
12	14.405	1922	1926	1930	rBV2	11142	20215	1.25%	0.144%
13	14.675	1962	1972	1980	rBV	469936	786444	48.46%	5.584%
14	14.740	1980	1983	1993	rVB4	14100	27677	1.71%	0.197%
15	15.721	2146	2150	2156	rBV4	10878	18245	1.12%	0.130%
16	16.161	2216	2225	2235	rBV	543833	927812	57.17%	6.588%
17	16.402	2260	2266	2270	rVB8	18980	32899	2.03%	0.234%
18	17.243	2403	2409	2413	rVB2	14446	26742	1.65%	0.190%
19	17.419	2433	2439	2444	rBV2	508226	879558	54.20%	6.245%
20	17.466	2444	2447	2456	rVV	131333	221620	13.66%	1.574%
21	17.554	2458	2462	2467	rVB	23696	40321	2.48%	0.286%
22	17.836	2505	2510	2513	rBV4	16303	25972	1.60%	0.184%
23	18.006	2534	2539	2544	rBV4	16156	28909	1.78%	0.205%
24	18.306	2584	2590	2593	rBV3	53564	96317	5.94%	0.684%
25	18.341	2594	2596	2604	rVB	38928	66032	4.07%	0.469%
26	18.488	2617	2621	2625	rBV4	41581	72782	4.48%	0.517%
27	18.688	2652	2655	2660	rBV7	15150	27935	1.72%	0.198%
28	18.794	2669	2673	2675	rBV4	20647	29929	1.84%	0.213%
29	19.211	2741	2744	2748	rBV2	46883	72195	4.45%	0.513%
30	19.246	2748	2750	2756	rVB7	36332	58412	3.60%	0.415%
31	19.475	2783	2789	2794	rBV	290555	467275	28.79%	3.318%
32	19.834	2841	2850	2858	rBV2	293088	580032	35.74%	4.118%
33	20.028	2878	2883	2889	rBV	1192669	1622844	100.00%	11.523%
34	20.321	2930	2933	2938	rVB2	62330	98832	6.09%	0.702%

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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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35	21.696	3159	3167	3172	rBV3	633612	1366522	84.21%	9.703%
36	24.928	3710	3717	3728	rVB2	370118	1051485	64.79%	7.466%

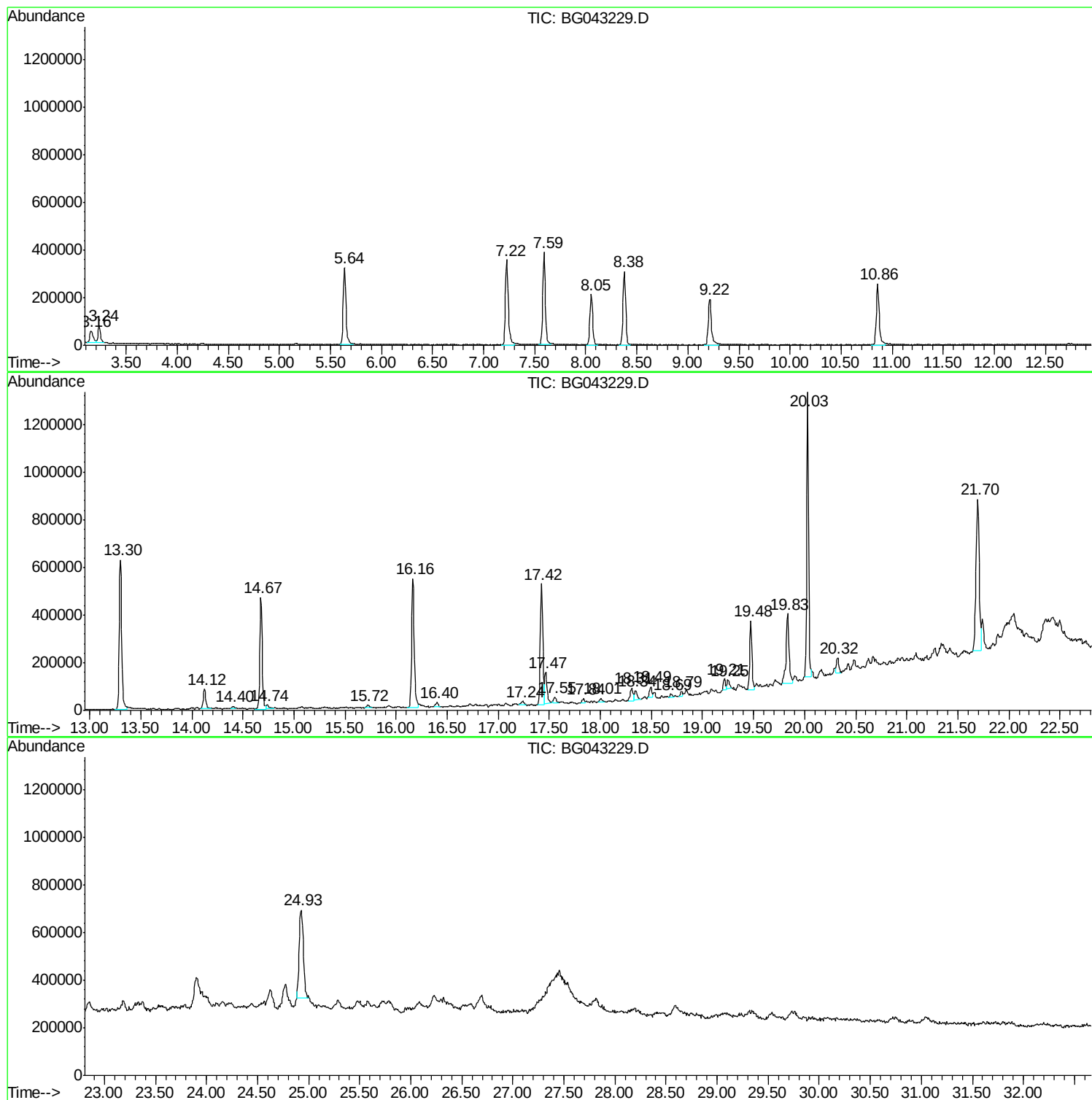
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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ClientSampled :
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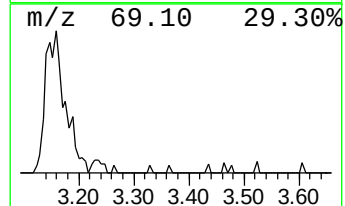
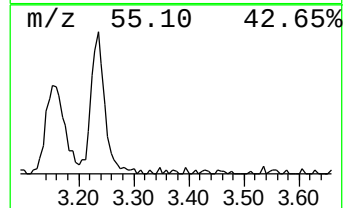
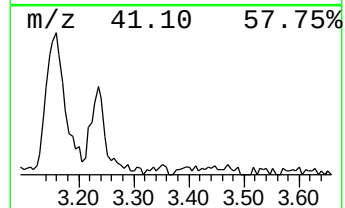
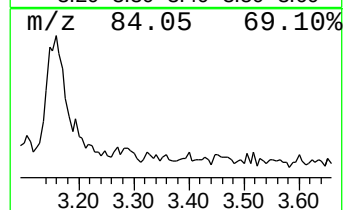
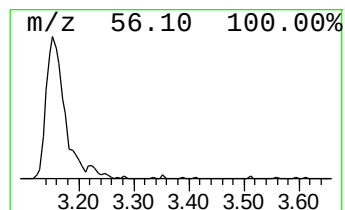
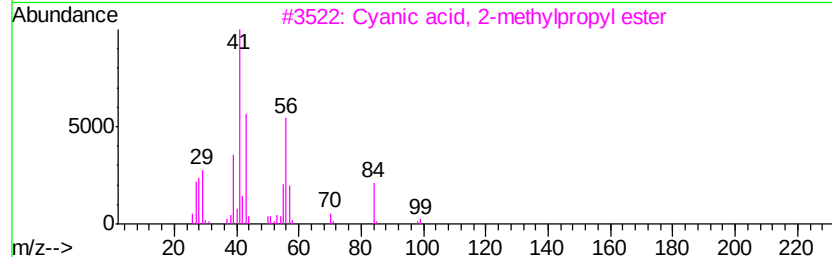
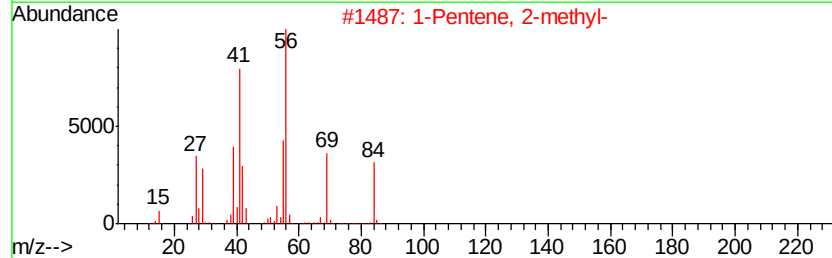
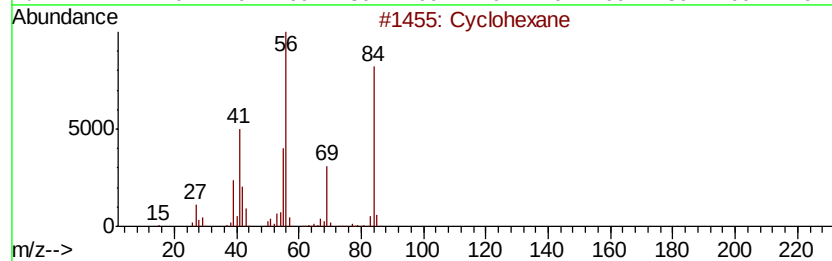
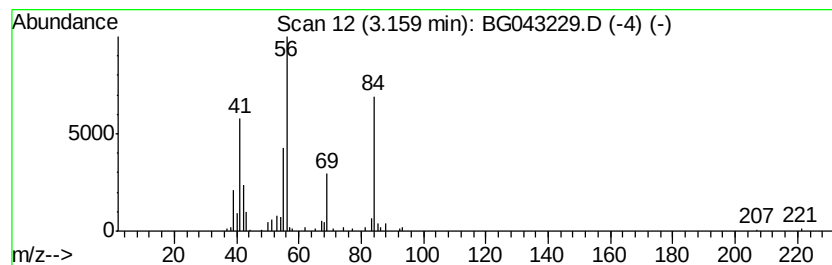
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	5.82 ng	114065	1,4-Dichlorobenzene-d4	8.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane	84	C6H12	000110-82-7	90
2			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78
3			Cyanoic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	72
4			Cyclopentane, methyl-	84	C6H12	000096-37-7	53
5			1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	50



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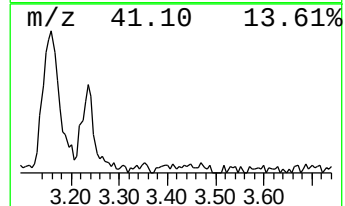
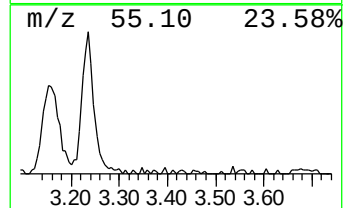
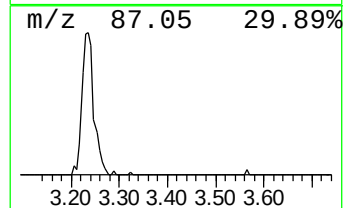
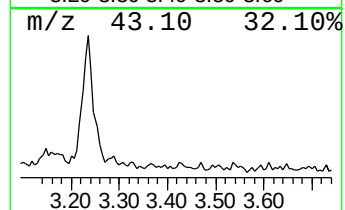
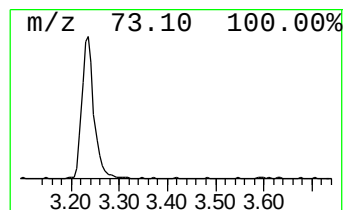
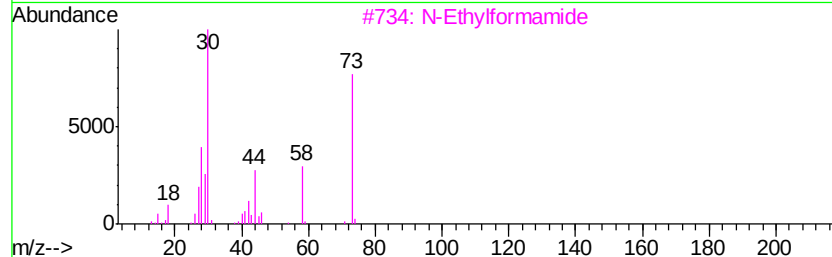
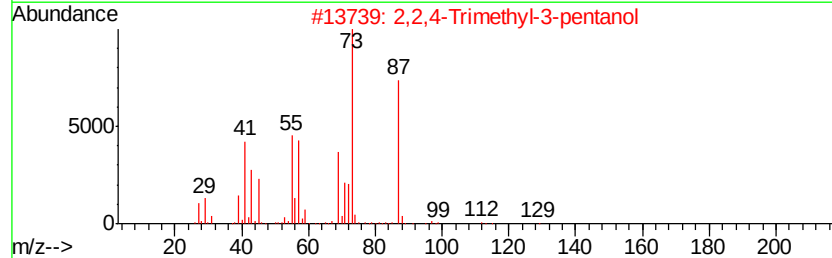
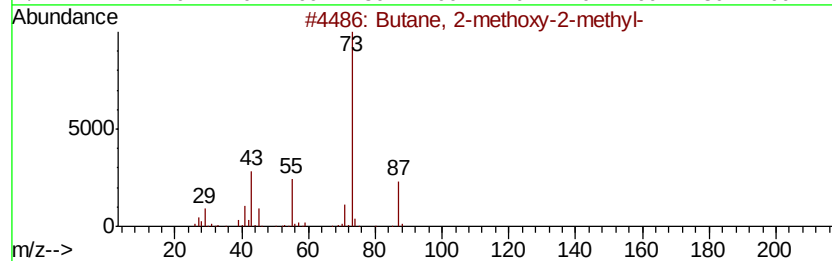
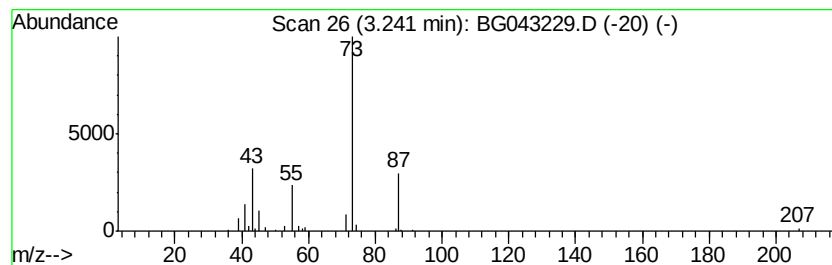
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	6.14 ng	120383	1,4-Dichlorobenzene-d4	8.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			N-Ethylformamide	73	C3H7NO	000627-45-2	9
4			1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9
5			Myo-Inositol, 4-C-methyl-	194	C7H14O6	000472-95-7	9



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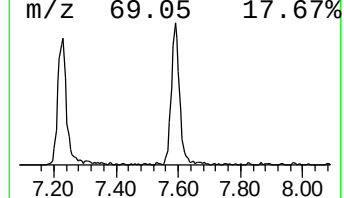
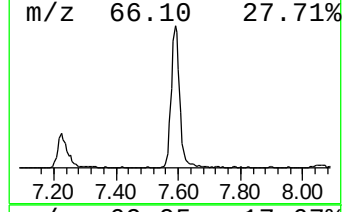
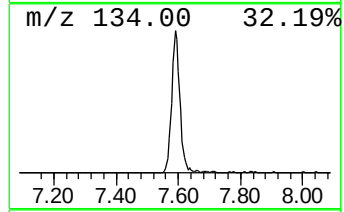
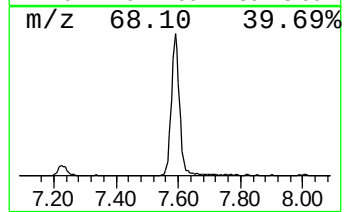
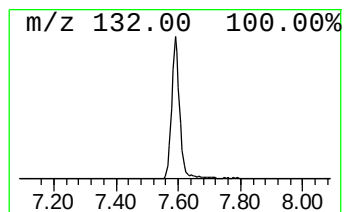
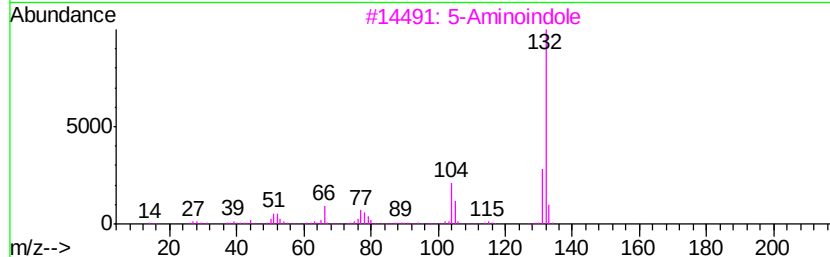
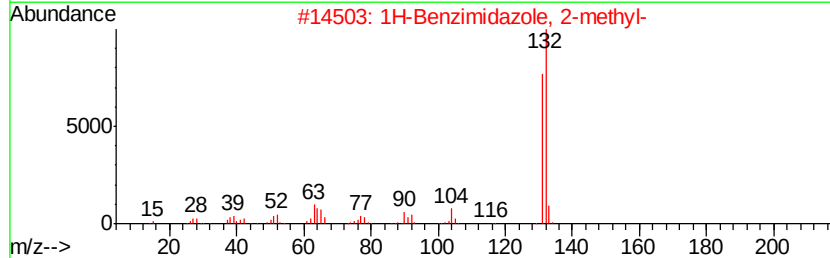
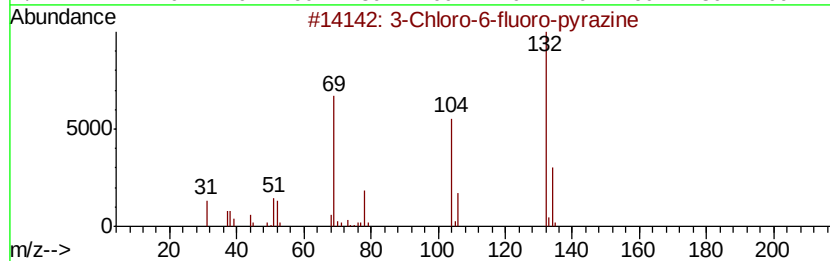
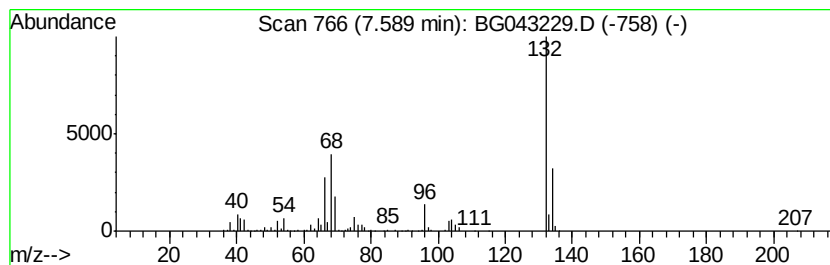
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Peak Number 3 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	36.42 ng	714002	1,4-Dichlorobenzene-d4	8.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3			5-Aminoindole	132	C8H8N2	005192-03-0	22
4			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
5			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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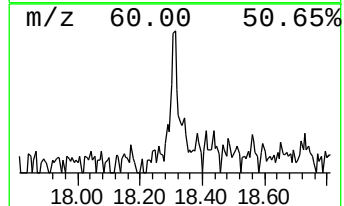
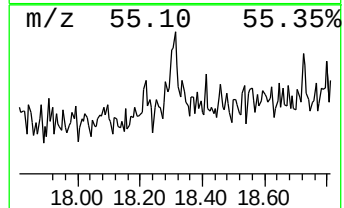
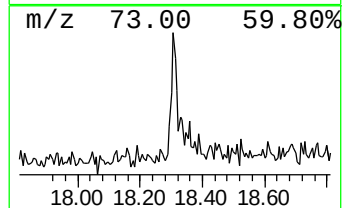
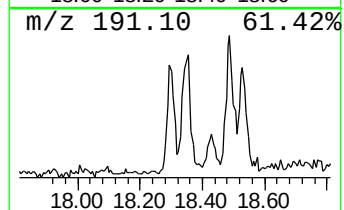
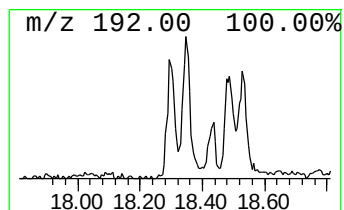
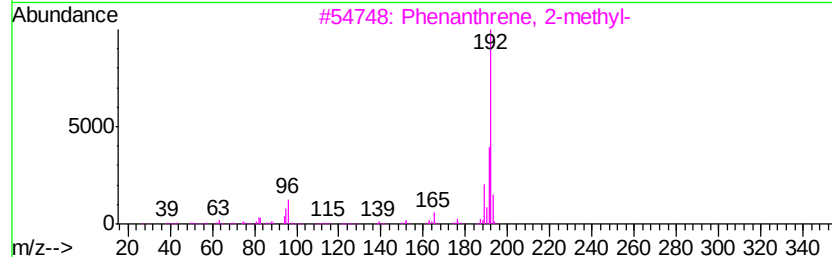
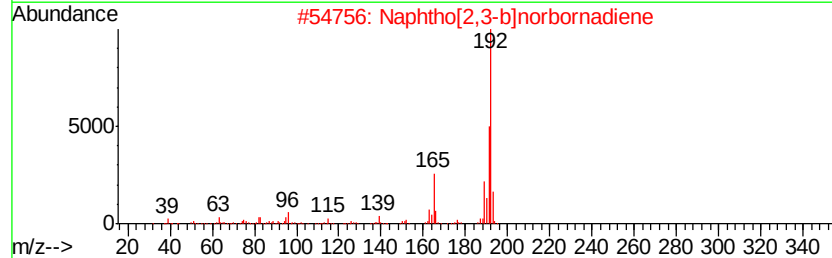
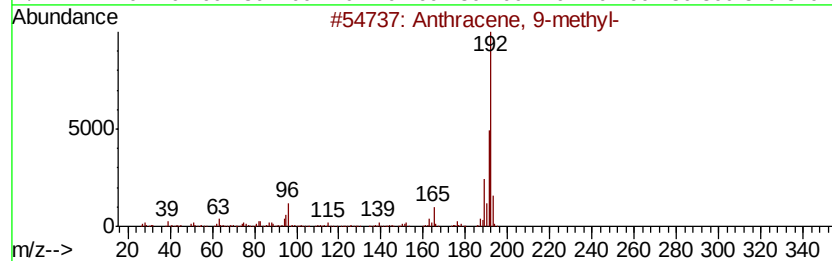
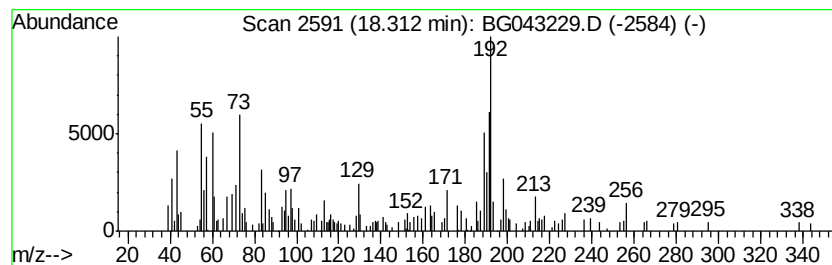
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TIC Library : C:\Database\NIST11.L
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Peak Number 5 Anthracene, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.31	2.19 ng	96317	Phenanthrene-d10		17.42
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	55
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	53
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	49
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	49
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	49



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Pentene, 2-methyl-	3.16	5.8	ng	114065	1	8.05	392093	20.0
Butane, 2-methoxy...	3.24	6.1	ng	120383	1	8.05	392093	20.0
unknown7.59	7.59	36.4	ng	714002	1	8.05	392093	20.0
Anthracene, 9-met...	18.31	2.2	ng	96317	4	17.42	879558	20.0