

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
 Data File : BM018368.D
 Acq On : 21 Dec 2018 21:52
 Operator : JU/SJ
 Sample : J6357-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-07A

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_M\METHODS\8270-BM121518.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	4.270	229	235	242	rVB3	35024	54089	1.51%	0.162%
2	4.675	299	304	310	rBV	57356	80638	2.26%	0.242%
3	5.128	375	381	394	rBV	1908543	2730656	76.47%	8.197%
4	6.705	642	649	661	rBV	1817634	3073535	86.07%	9.226%
5	7.028	697	704	713	rBV	2009871	3096619	86.72%	9.295%
6	7.481	775	781	788	rVB	441543	672303	18.83%	2.018%
7	7.793	826	834	842	rBV	1380843	2176428	60.95%	6.533%
8	8.646	971	979	989	rBV	1046621	1791379	50.17%	5.377%
9	9.005	1034	1040	1048	rVB2	23575	39748	1.11%	0.119%
10	10.251	1241	1252	1258	rBV	546540	935441	26.20%	2.808%
11	10.299	1258	1260	1266	rVB	26811	38389	1.08%	0.115%
12	12.110	1562	1568	1572	rBV2	23210	50980	1.43%	0.153%
13	12.751	1669	1677	1686	rBV	2287501	3402444	95.28%	10.213%
14	12.969	1708	1714	1722	rVB5	16562	37927	1.06%	0.114%
15	13.616	1818	1824	1835	rBV	151670	258907	7.25%	0.777%
16	14.045	1892	1897	1901	rBV5	25852	48623	1.36%	0.146%
17	14.145	1906	1914	1922	rVV2	807825	1261592	35.33%	3.787%
18	14.557	1980	1984	1988	rBV	25525	38254	1.07%	0.115%
19	15.663	2165	2172	2180	rBV	1977797	2941500	82.37%	8.830%
20	16.580	2324	2328	2333	rBV3	26216	39109	1.10%	0.117%
21	16.916	2379	2385	2389	rBV	945532	1391462	38.97%	4.177%
22	16.957	2389	2392	2398	rVB	190291	252760	7.08%	0.759%
23	17.045	2403	2407	2412	rVB	57537	89718	2.51%	0.269%
24	17.827	2536	2540	2548	rBV3	316770	446851	12.51%	1.341%
25	17.980	2563	2566	2571	rBV4	34999	52509	1.47%	0.158%
26	18.992	2733	2738	2744	rVB	311606	437086	12.24%	1.312%
27	19.122	2757	2760	2769	rVB5	104661	160453	4.49%	0.482%
28	19.357	2796	2800	2803	rBV	223835	275701	7.72%	0.828%
29	19.398	2804	2807	2818	rVB	211276	312204	8.74%	0.937%
30	19.569	2831	2836	2842	rBV	3025927	3570939	100.00%	10.719%
31	20.857	3052	3055	3062	rVB6	236553	273595	7.66%	0.821%
32	21.057	3086	3089	3095	rBV	874225	956401	26.78%	2.871%
33	21.139	3099	3103	3107	rVV2	998334	1263936	35.40%	3.794%
34	23.309	3468	3472	3477	rVB2	647980	1061329	29.72%	3.186%

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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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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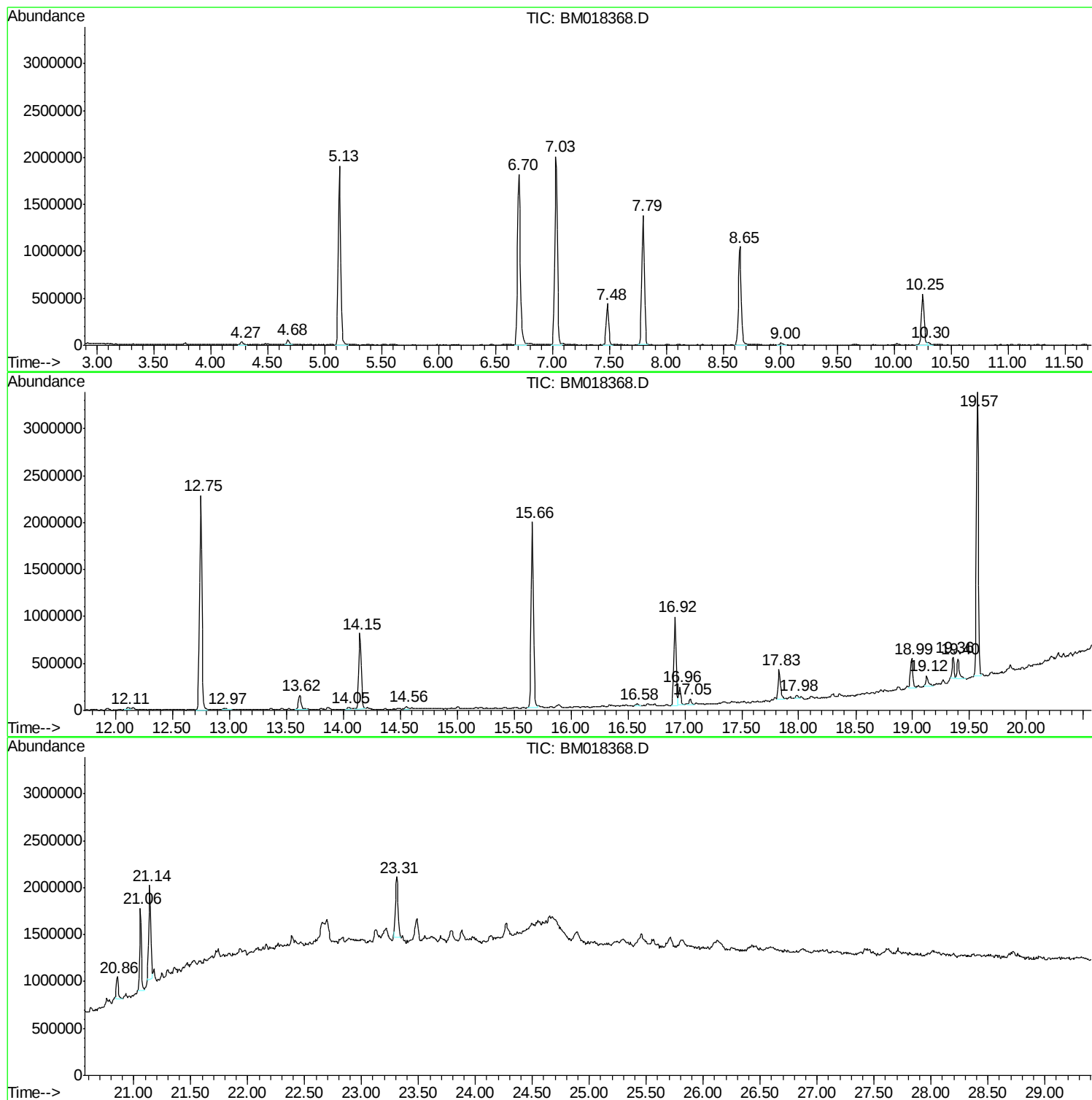
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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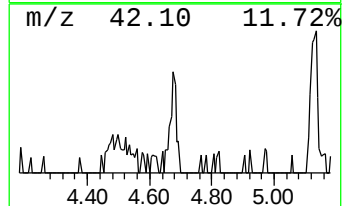
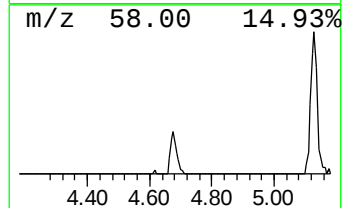
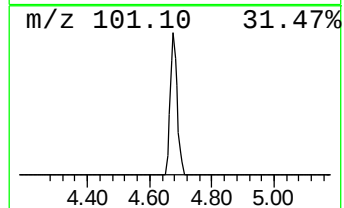
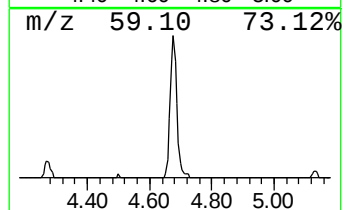
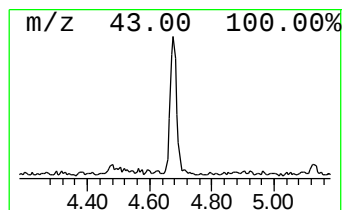
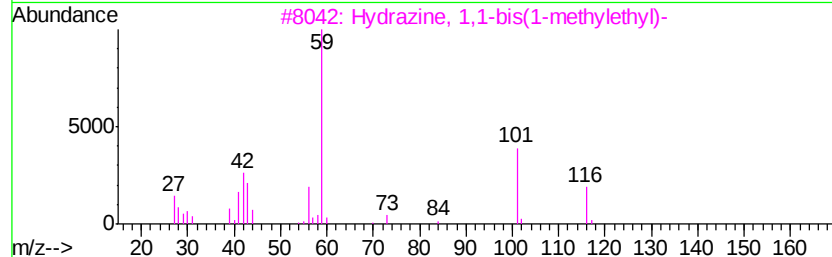
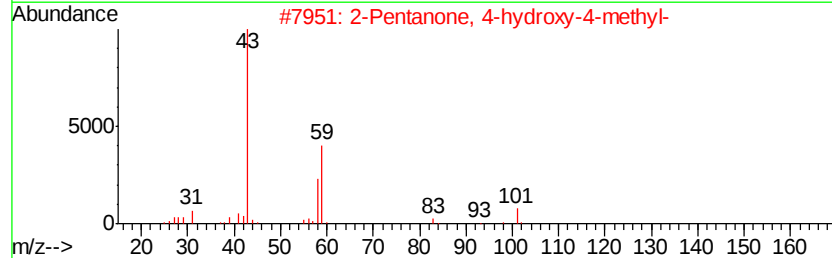
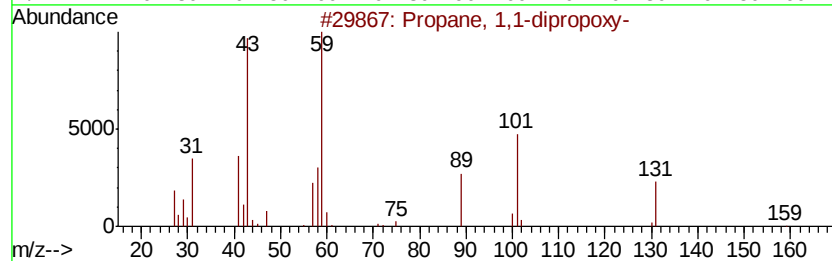
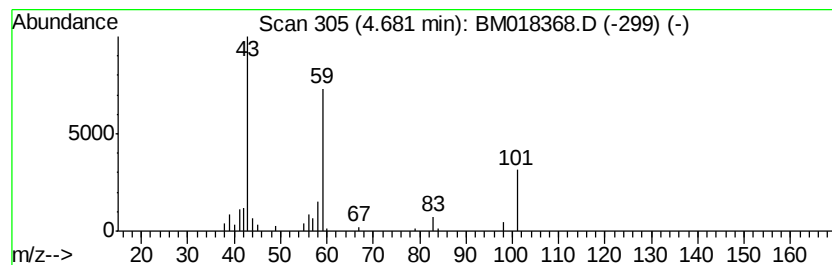
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Propane, 1,1-dipropoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	2.40 ng	80638	1,4-Dichlorobenzene-d4	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	72
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3		Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	45
4		Dimethadione	129	C5H7NO3	000695-53-4	45
5		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	38



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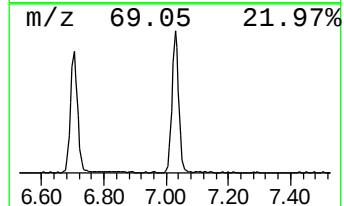
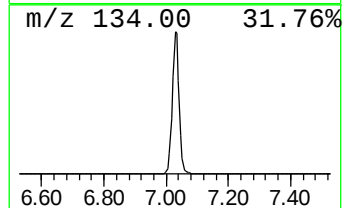
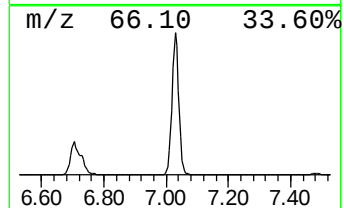
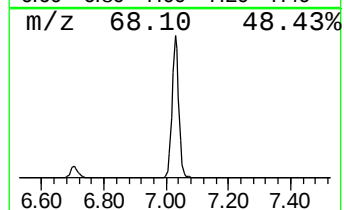
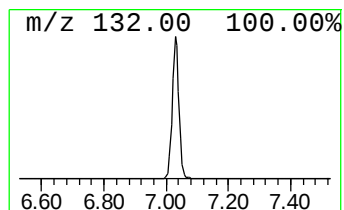
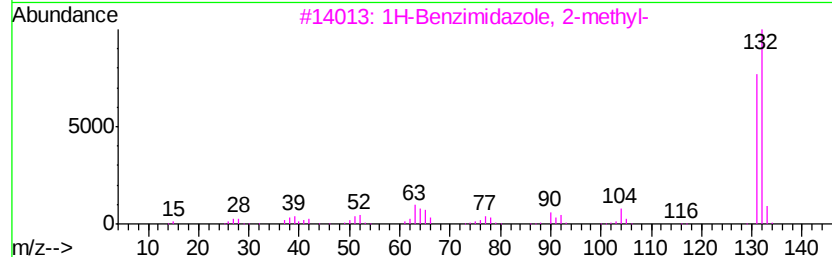
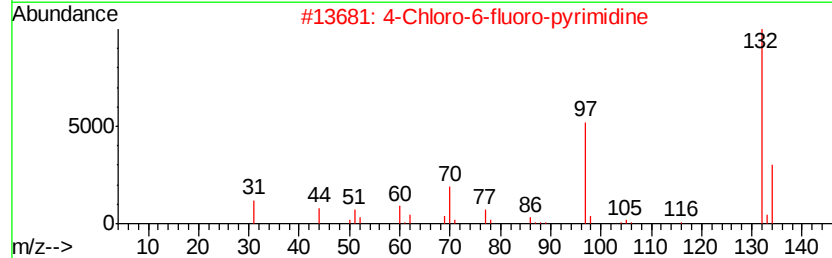
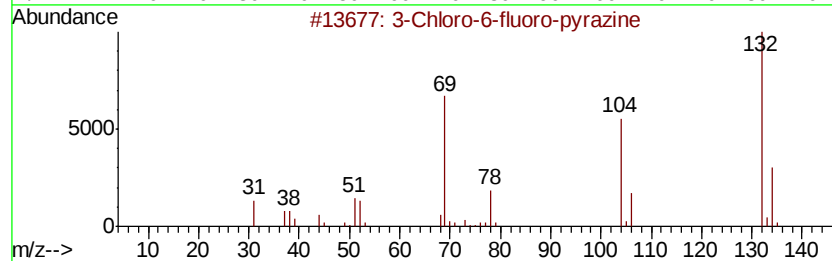
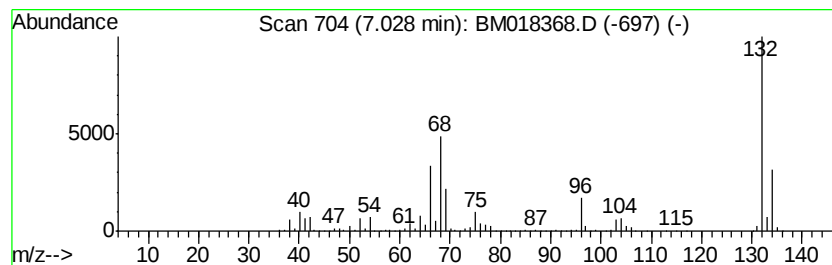
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	92.12 ng	3096620	1,4-Dichlorobenzene-d4	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12



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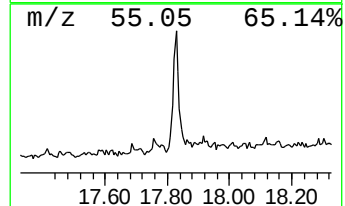
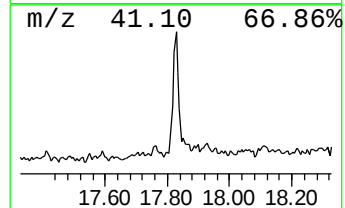
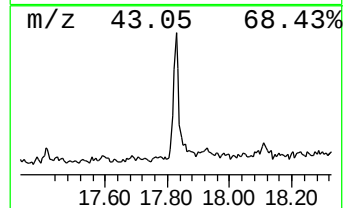
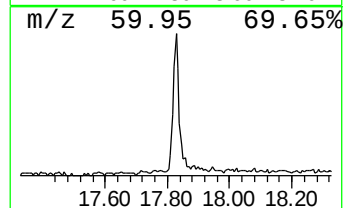
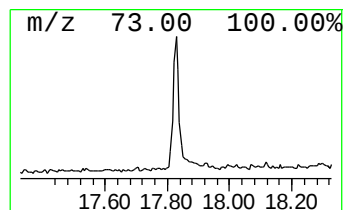
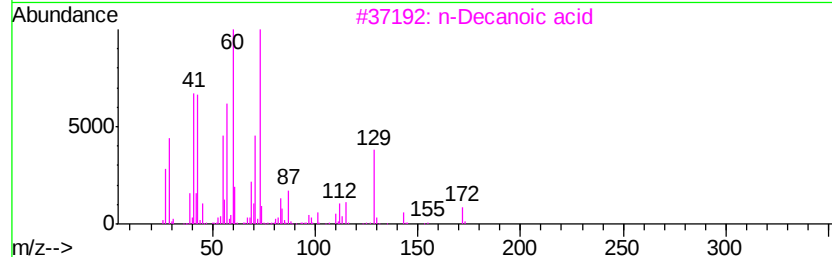
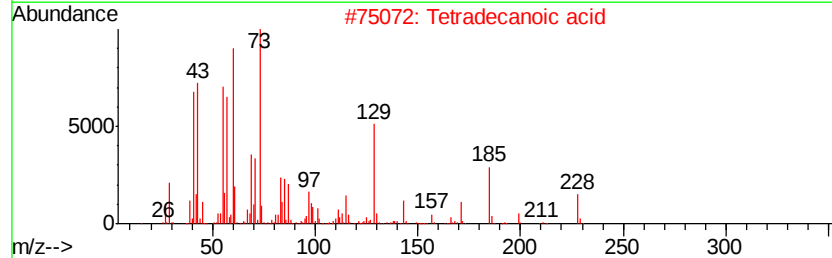
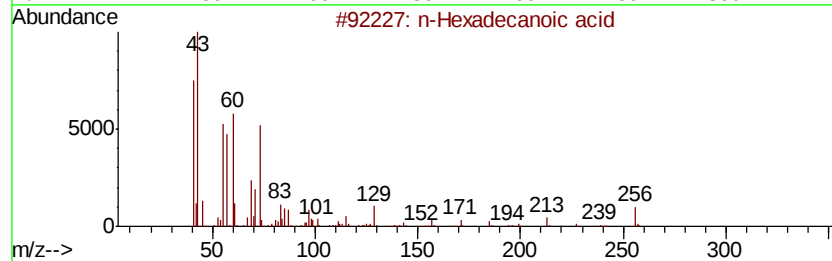
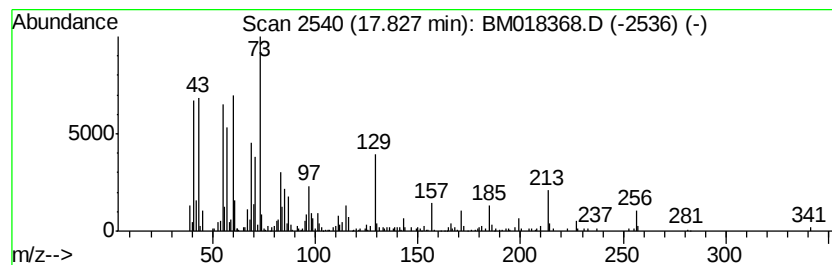
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	6.42 ng	446851	Phenanthrene-d10	16.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3		n-Decanoic acid	172	C10H20O2	000334-48-5	64
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5		Tridecanoic acid	214	C13H26O2	000638-53-9	58



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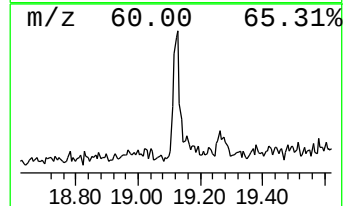
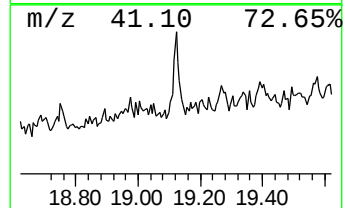
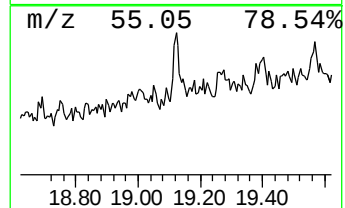
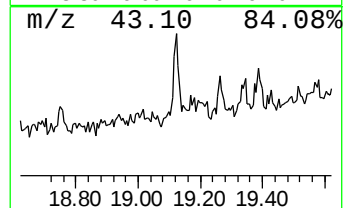
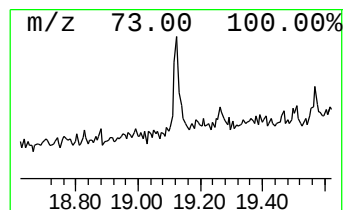
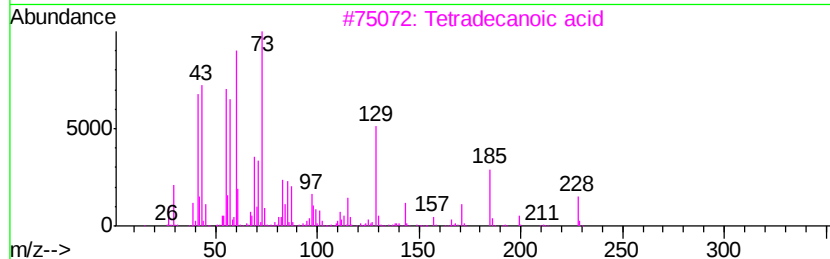
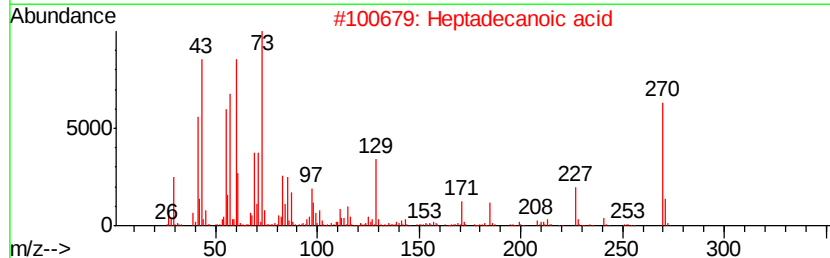
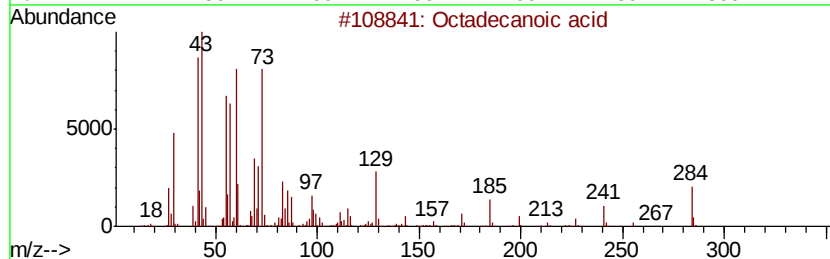
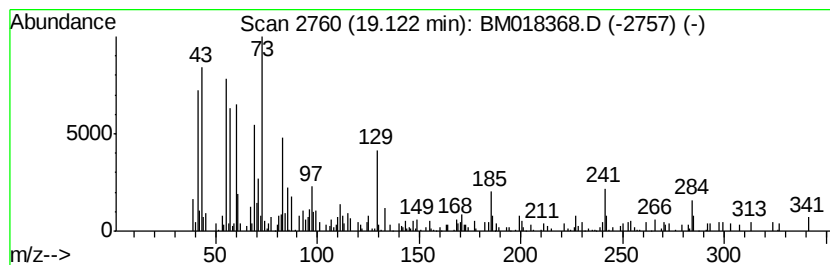
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	2.54 ng	160453	Chrysene-d12	21.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	96
2		Heptadecanoic acid	270	C17H34O2	000506-12-7	58
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	46



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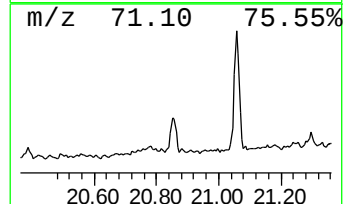
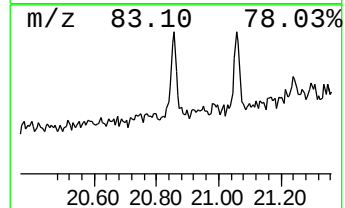
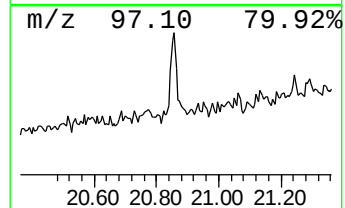
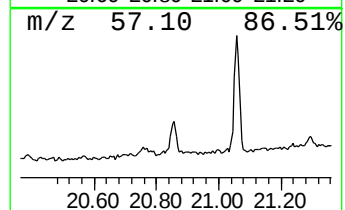
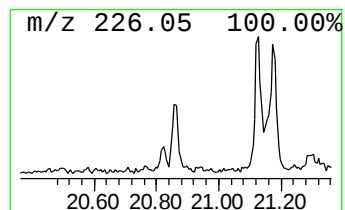
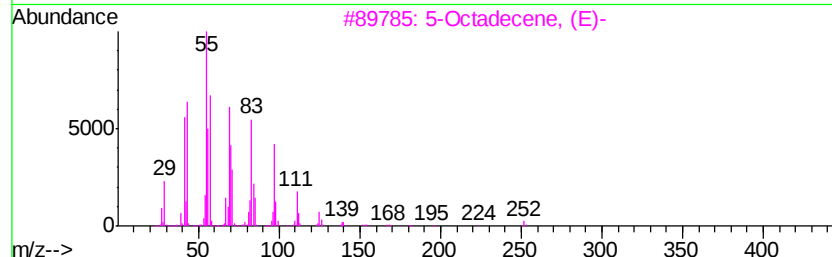
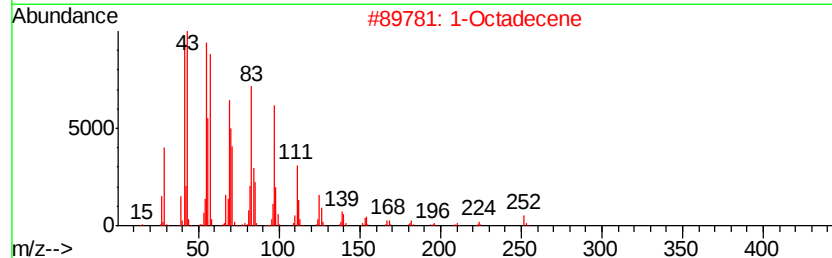
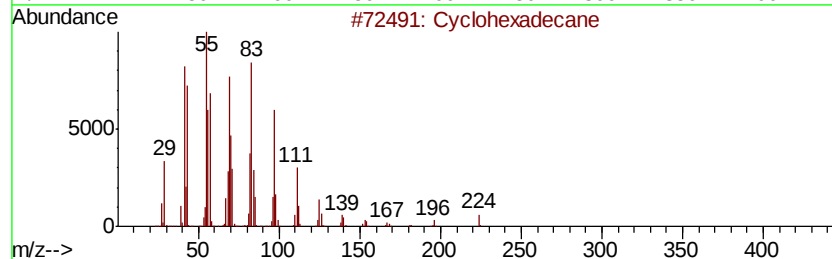
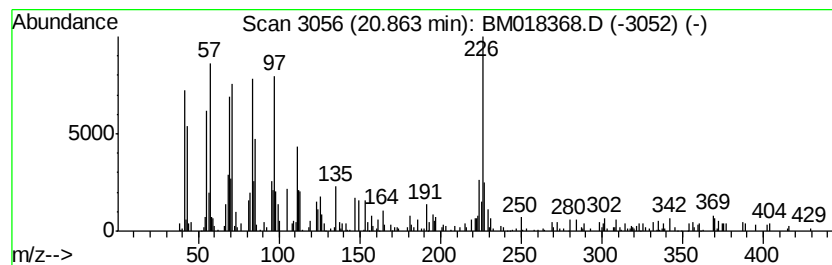
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Peak Number 6 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	4.33 ng	273595	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	97
2		1-Octadecene	252	C18H36	000112-88-9	95
3		5-Octadecene, (E)-	252	C18H36	007206-21-5	94
4		1-Hexadecene	224	C16H32	000629-73-2	90
5		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	90



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BNA_M
ClientSampleId :
SB-07A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propane, 1,1-dipr...	4.68	2.4	ng	80638	1	7.48	672303	20.0
unknown7.03	7.03	92.1	ng	3096620	1	7.48	672303	20.0
n-Hexadecanoic acid	17.83	6.4	ng	446851	4	16.92	1391460	20.0
Octadecanoic acid	19.12	2.5	ng	160453	5	21.14	1263940	20.0
Cyclohexadecane	20.86	4.3	ng	273595	5	21.14	1263940	20.0