

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
 Data File : BM018371.D
 Acq On : 21 Dec 2018 23:42
 Operator : JU/SJ
 Sample : J6501-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-221

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	4.675	298	304	309	rBV	46333	64091	2.51%	0.254%
2	5.128	374	381	392	rBV	1185853	1811261	70.99%	7.191%
3	6.698	641	648	662	rBV	1171265	2018347	79.11%	8.013%
4	6.798	662	665	678	rVB3	17666	38723	1.52%	0.154%
5	7.028	697	704	718	rVB	1288411	2017513	79.07%	8.010%
6	7.481	775	781	790	rBV	485530	764714	29.97%	3.036%
7	7.792	827	834	844	rBV	943359	1459915	57.22%	5.796%
8	8.639	972	978	992	rBV	659939	1161890	45.54%	4.613%
9	9.663	1145	1152	1160	rVB2	60167	98319	3.85%	0.390%
10	10.245	1245	1251	1266	rBV	614583	1085868	42.56%	4.311%
11	12.751	1670	1677	1689	rBV	1565311	2434667	95.42%	9.666%
12	13.615	1817	1824	1831	rBV	146706	231255	9.06%	0.918%
13	14.051	1891	1898	1903	rBV4	21144	48170	1.89%	0.191%
14	14.145	1908	1914	1921	rVV2	867607	1336863	52.40%	5.308%
15	15.009	2055	2061	2066	rVB2	25772	35810	1.40%	0.142%
16	15.657	2165	2171	2179	rBV	1229946	1863262	73.03%	7.397%
17	15.880	2204	2209	2216	rBV	45702	92104	3.61%	0.366%
18	16.333	2282	2286	2289	rBV5	22385	27534	1.08%	0.109%
19	16.674	2340	2344	2347	rBV	49862	64347	2.52%	0.255%
20	16.827	2366	2370	2377	rVB7	20446	38717	1.52%	0.154%
21	16.909	2378	2384	2389	rBV	969780	1455262	57.04%	5.778%
22	16.956	2389	2392	2397	rVB	121945	169938	6.66%	0.675%
23	17.045	2404	2407	2412	rVB	32783	51182	2.01%	0.203%
24	17.409	2466	2469	2474	rBV	46597	55014	2.16%	0.218%
25	17.762	2525	2529	2531	rBV5	18278	26740	1.05%	0.106%
26	17.827	2535	2540	2547	rVV2	228315	352585	13.82%	1.400%
27	17.915	2553	2555	2560	rVB6	19411	26987	1.06%	0.107%
28	17.986	2564	2567	2571	rVV4	20855	33257	1.30%	0.132%
29	18.103	2583	2587	2593	rBV2	58240	97796	3.83%	0.388%
30	18.750	2694	2697	2700	rBV3	46488	53865	2.11%	0.214%
31	18.986	2733	2737	2745	rVB	222467	336478	13.19%	1.336%
32	19.121	2757	2760	2766	rBV6	68197	105959	4.15%	0.421%
33	19.356	2795	2800	2803	rBV	169272	253267	9.93%	1.006%
34	19.568	2830	2836	2841	rBV	2065512	2551455	100.00%	10.130%

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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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35	20.850	3051	3054	3061	rVB2	238434	301621	11.82%	1.197%
36	21.139	3098	3103	3107	rBV	1031093	1425082	55.85%	5.658%
37	23.303	3467	3471	3478	rVB2	698002	1197934	46.95%	4.756%

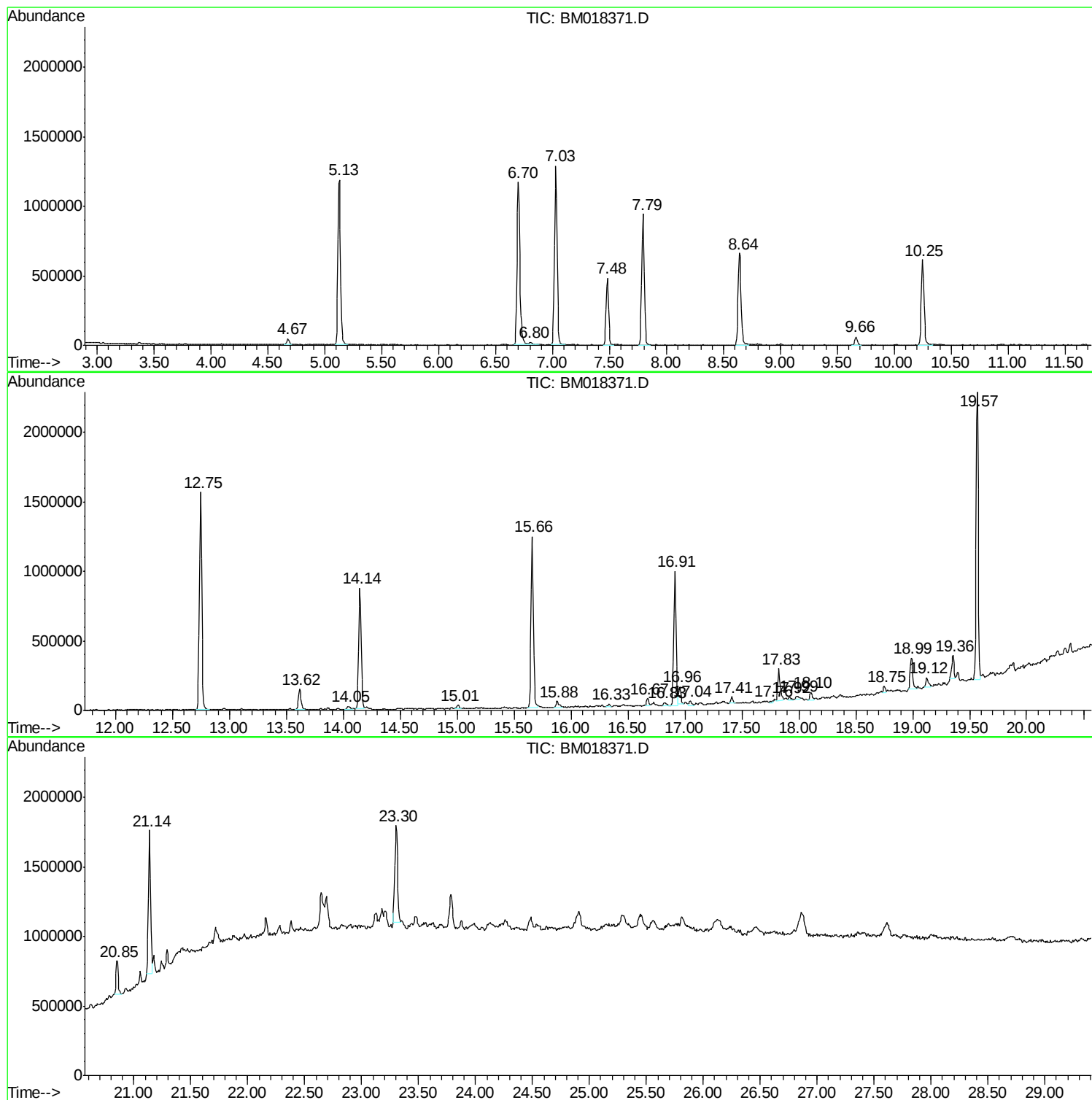
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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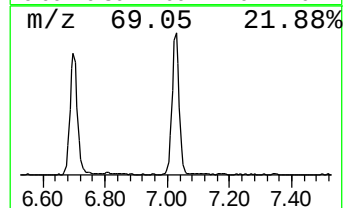
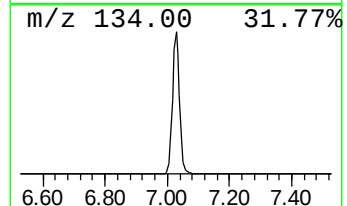
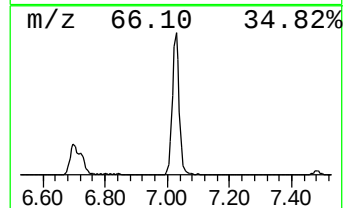
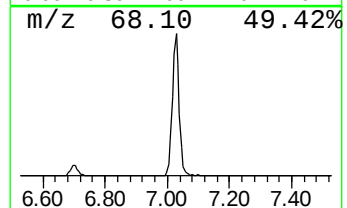
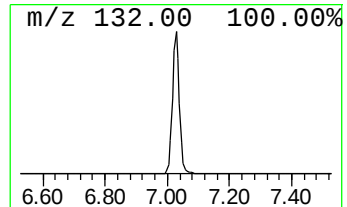
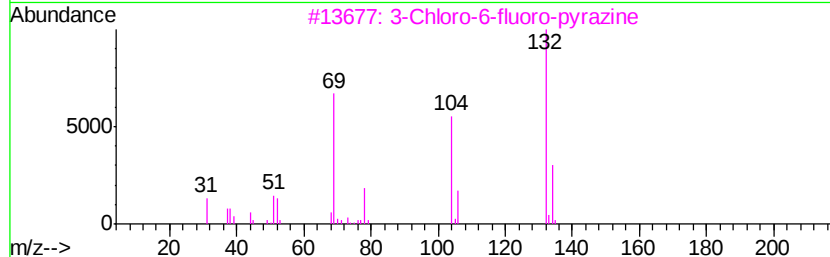
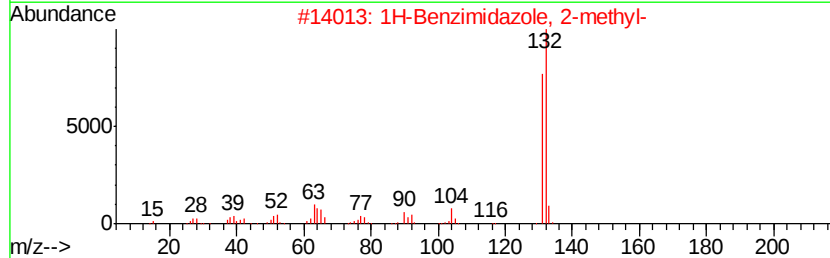
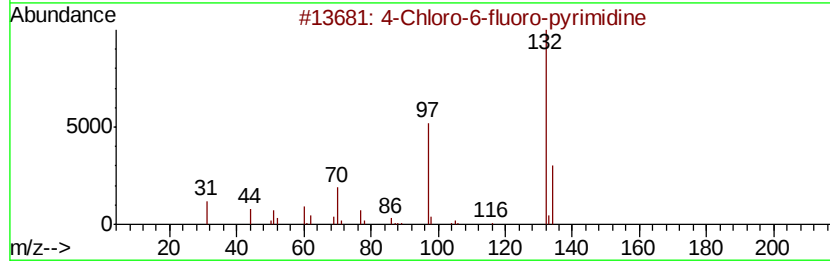
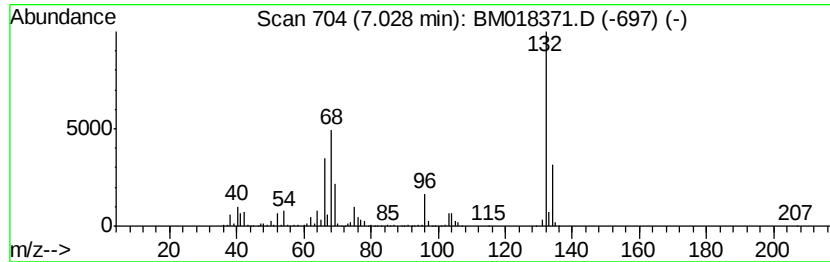
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	52.77 ng	2017510	1,4-Dichlorobenzene-d4	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4		2H-Cyclopentadipyridazine, 2-me...	132	C8H8N2	022291-85-6	12
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	10



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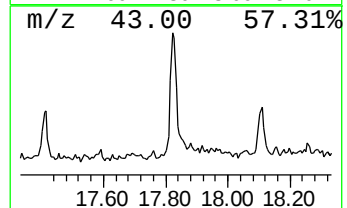
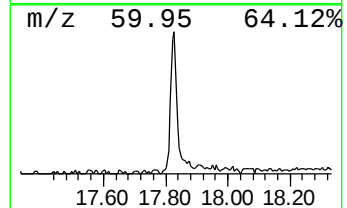
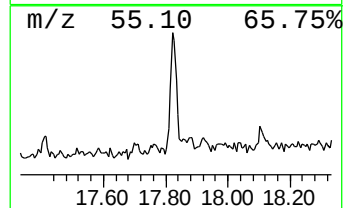
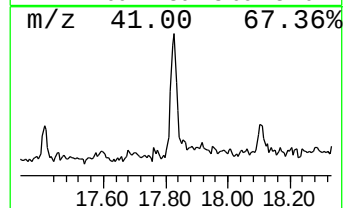
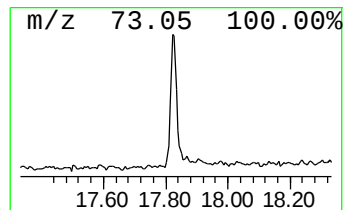
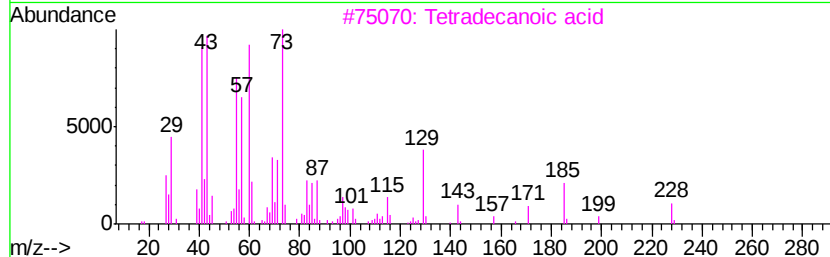
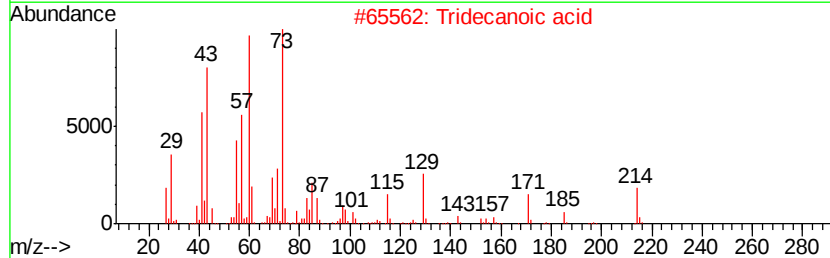
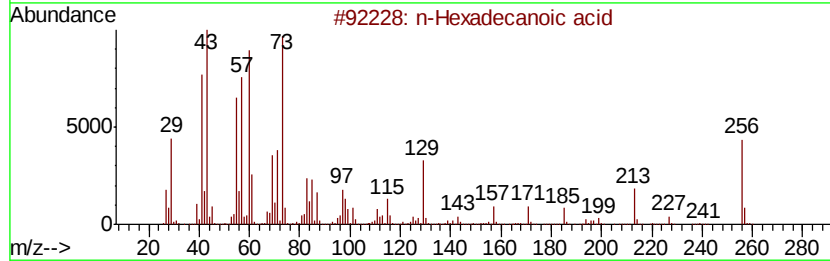
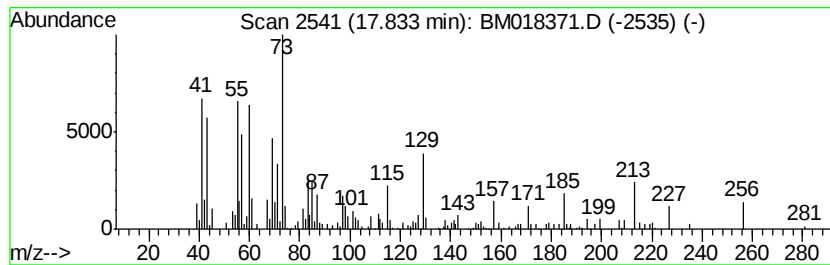
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.83	4.85 ng	352585	Phenanthrene-d10	16.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	52



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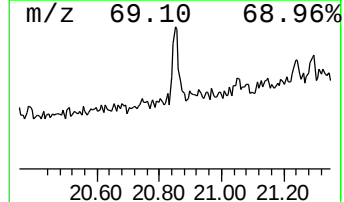
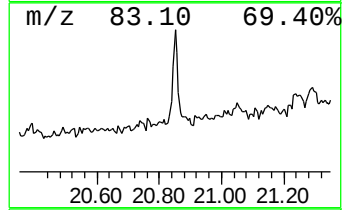
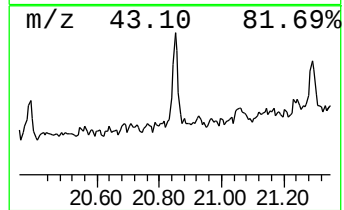
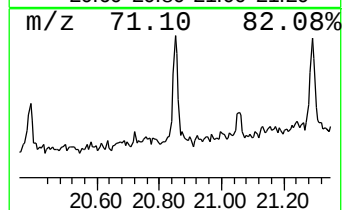
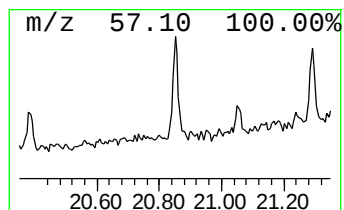
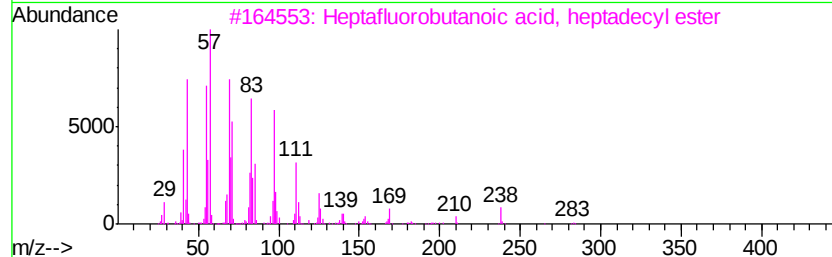
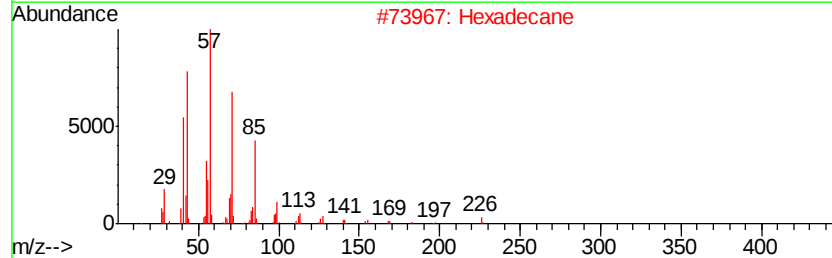
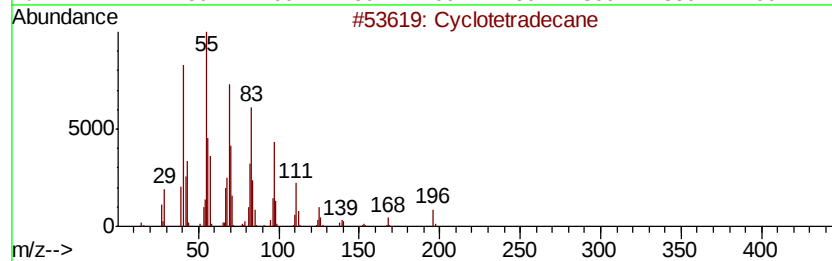
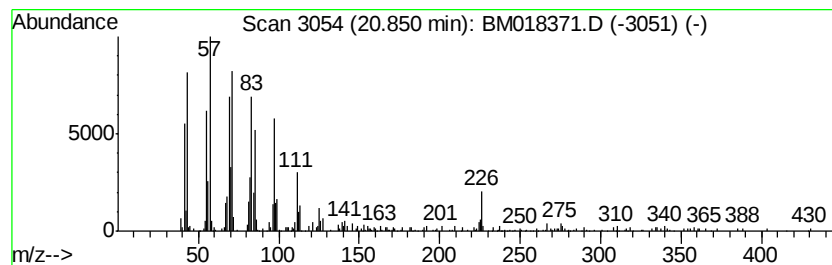
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Peak Number 4 Cyclotetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	4.23 ng	301621	Chrysene-d12	21.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotetradecane	196	C14H28	000295-17-0	86
2		Hexadecane	226	C16H34	000544-76-3	70
3		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	64
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	60
5		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	58



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.03	7.03	52.8	ng	2017510	1	7.48	764714	20.0
n-Hexadecanoic acid	17.83	4.8	ng	352585	4	16.92	1455260	20.0
Cyclotetradecane	20.85	4.2	ng	301621	5	21.14	1425080	20.0