

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
 Data File : BM039190.D
 Acq On : 28 Mar 2023 21:36
 Operator : CG/JU
 Sample : 02105-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WV-SOIL3-0327

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:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039190.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.416	187	192	196	rBV	98631	122492	1.50%	0.189%
2	5.028	289	296	308	rVB	1951281	2662684	32.52%	4.111%
3	5.492	369	375	387	rBV	4165461	6063360	74.04%	9.361%
4	7.104	639	649	664	rBV	4165335	6513099	79.53%	10.055%
5	7.933	782	790	798	rBV	1166199	1828857	22.33%	2.823%
6	9.104	982	989	997	rBV	2491341	4062591	49.61%	6.272%
7	10.745	1259	1268	1277	rBV	1529169	2584595	31.56%	3.990%
8	12.092	1491	1497	1504	rBV	91967	137747	1.68%	0.213%
9	12.527	1566	1571	1576	rBV	59889	128916	1.57%	0.199%
10	13.204	1677	1686	1696	rBV	5805649	8189031	100.00%	12.642%
11	14.580	1912	1920	1928	rBV	2138579	3165946	38.66%	4.888%
12	16.068	2163	2173	2186	rBV	3650811	5333761	65.13%	8.234%
13	16.274	2203	2208	2218	rVB2	99489	196354	2.40%	0.303%
14	17.327	2380	2387	2392	rBV	2276935	3266199	39.89%	5.042%
15	17.368	2392	2394	2398	rVB	98349	106785	1.30%	0.165%
16	18.221	2534	2539	2555	rBV	2143734	3329673	40.66%	5.140%
17	18.797	2634	2637	2641	rVB	72687	82719	1.01%	0.128%
18	19.268	2714	2717	2721	rVB2	78225	87262	1.07%	0.135%
19	19.380	2731	2736	2743	rBV	597007	939033	11.47%	1.450%
20	19.497	2751	2756	2768	rBV	889815	1394917	17.03%	2.153%
21	19.744	2795	2798	2806	rVB2	185643	335898	4.10%	0.519%
22	19.944	2827	2832	2838	rBV	6452903	7663850	93.59%	11.831%
23	20.156	2864	2868	2873	rBV	375459	457792	5.59%	0.707%
24	21.209	3043	3047	3055	rVB	561546	737240	9.00%	1.138%
25	21.503	3092	3097	3102	rBV	2130739	2831708	34.58%	4.372%
26	23.927	3503	3509	3516	rVB2	1287692	2552493	31.17%	3.941%

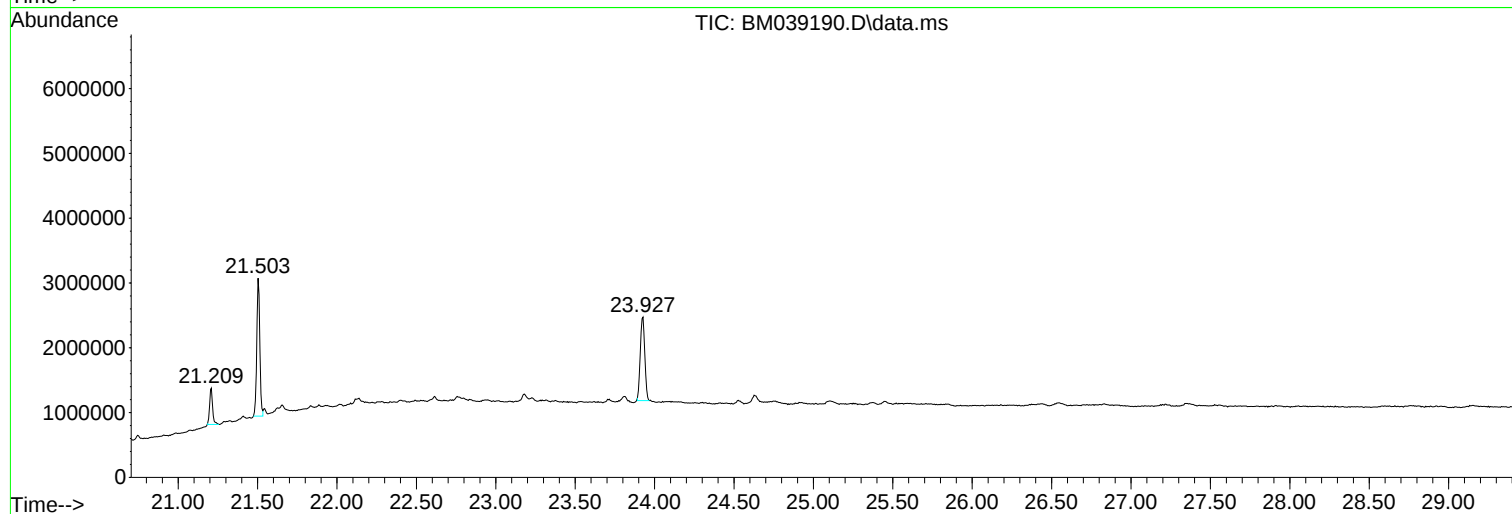
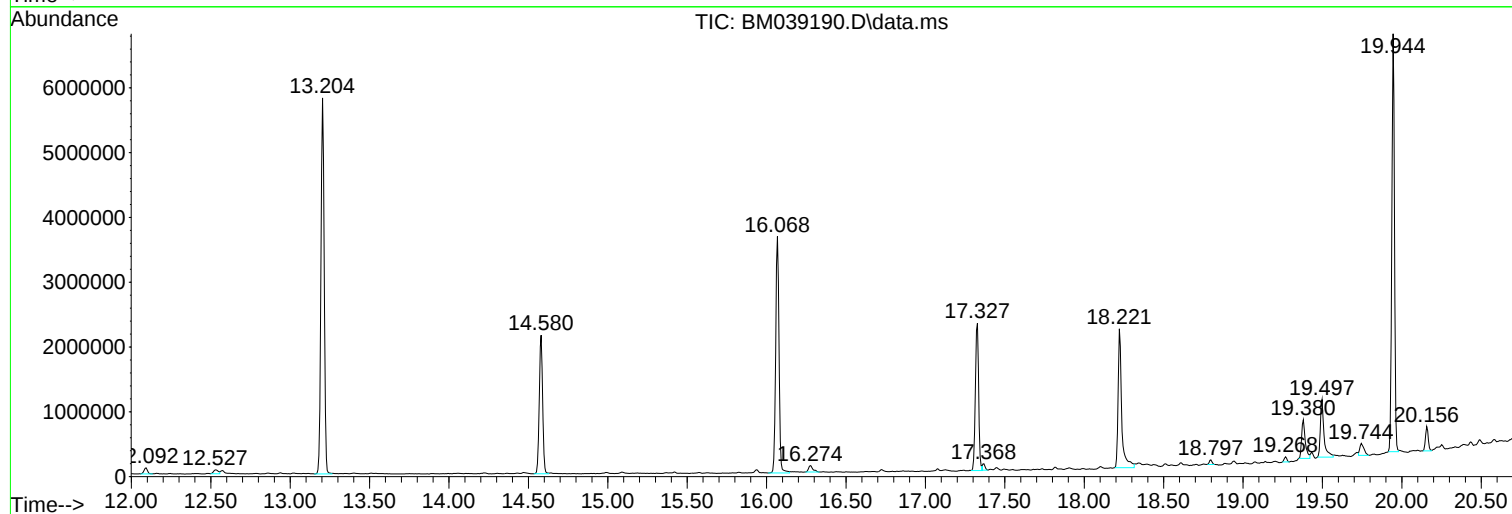
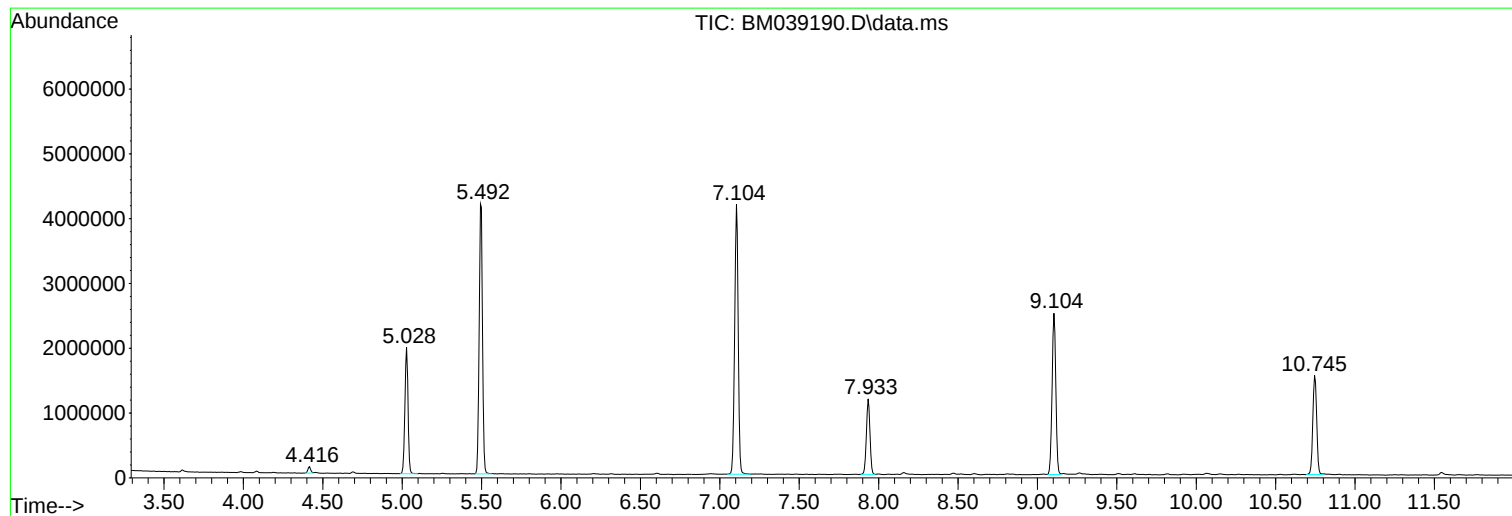
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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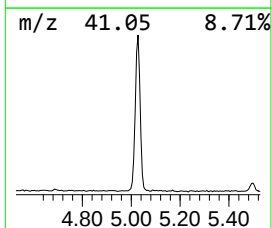
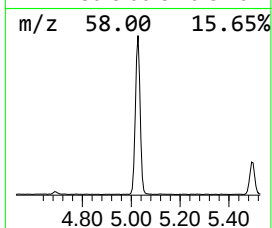
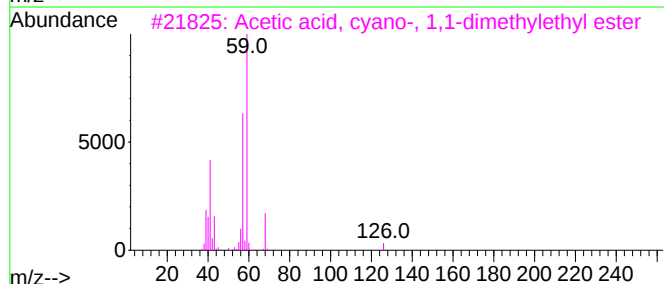
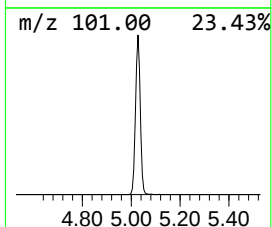
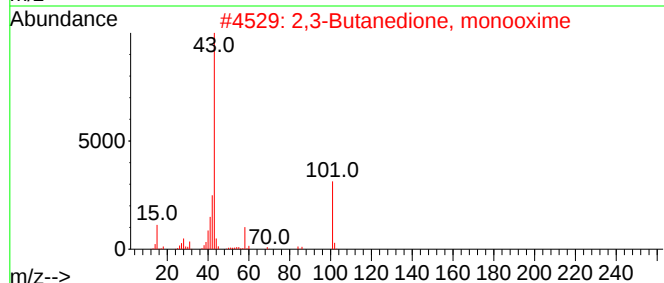
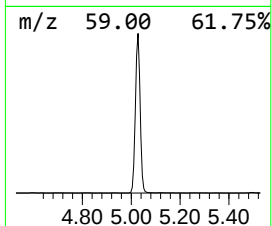
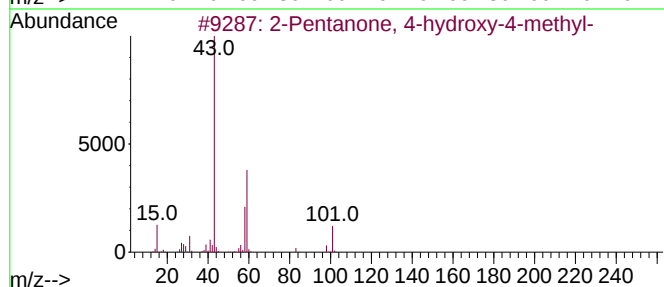
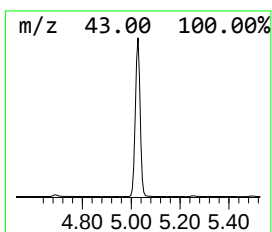
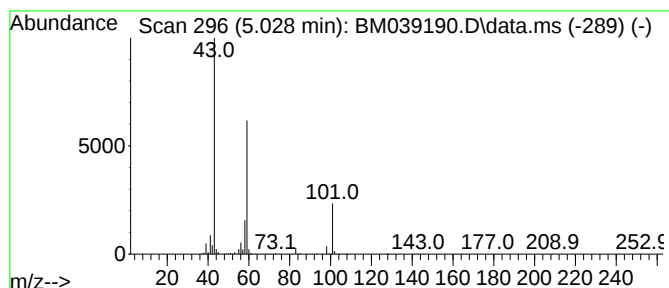
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.028	29.12 ng	2662680	1,4-Dichlorobenzene-d4	7.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17		
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9		
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9		



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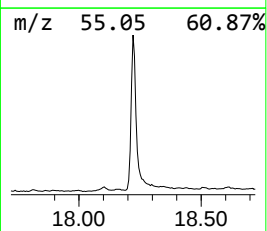
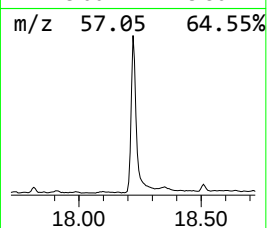
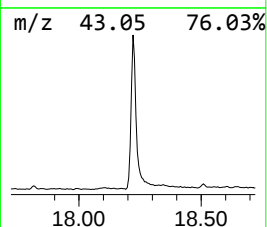
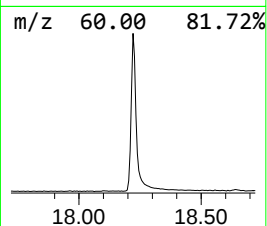
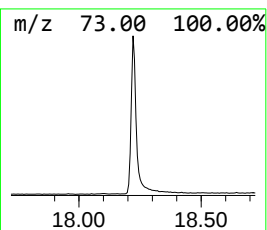
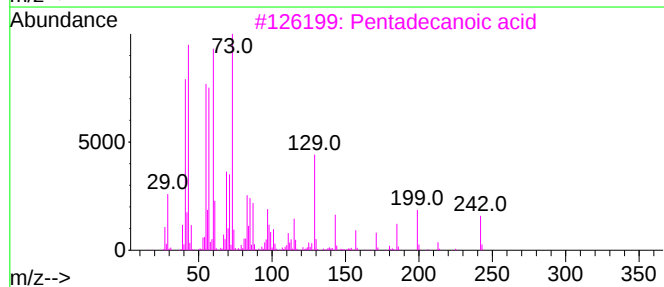
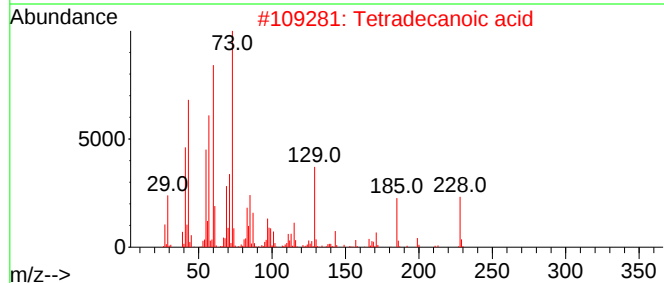
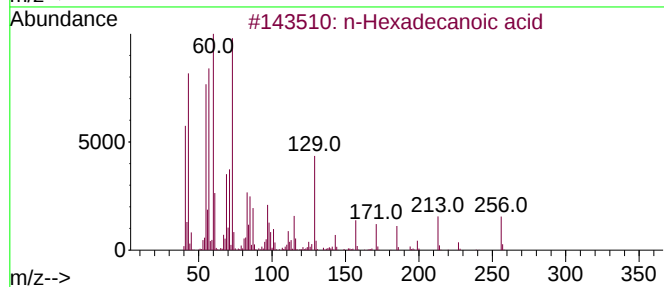
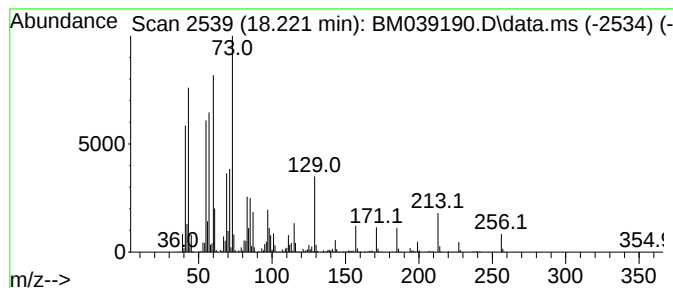
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.221	20.39 ng	3329670	Phenanthrene-d10	17.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4			Tridecanoic acid	214	C13H26O2	000638-53-9	87
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	60



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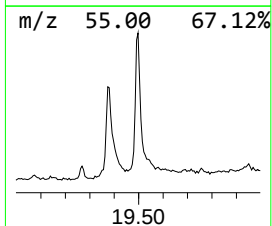
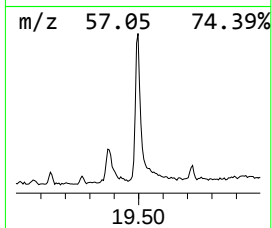
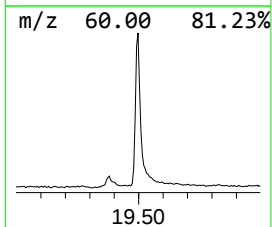
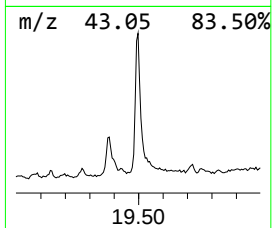
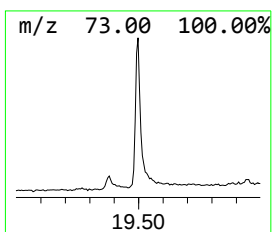
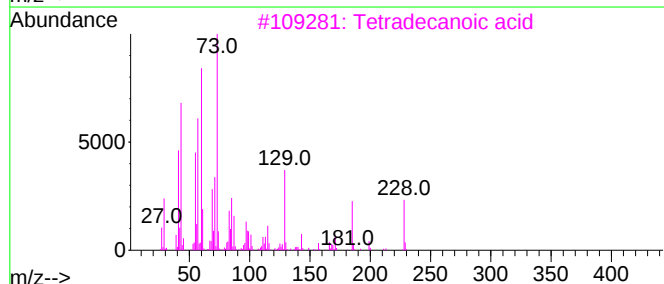
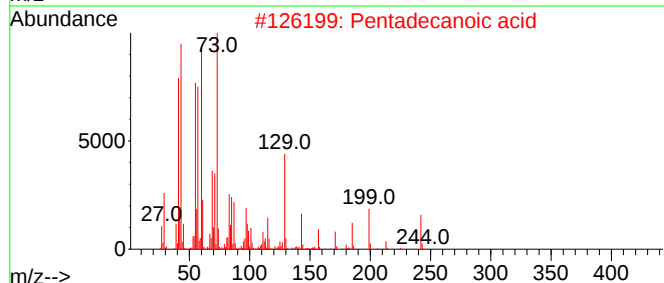
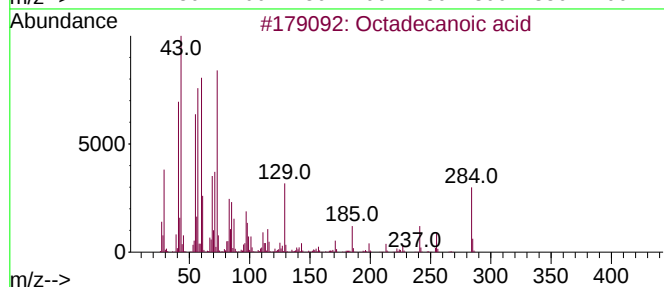
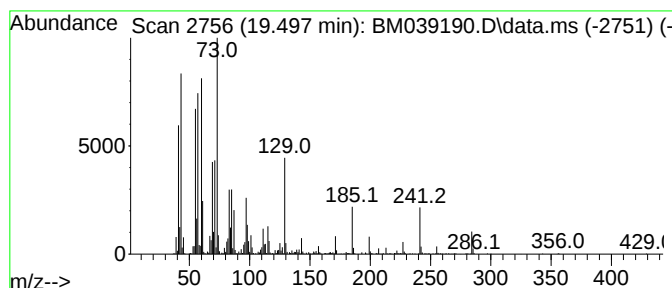
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.497	9.85 ng	1394920	Chrysene-d12	21.503

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	94
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4			n-Decanoic acid	172	C10H20O2	000334-48-5	62
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	55



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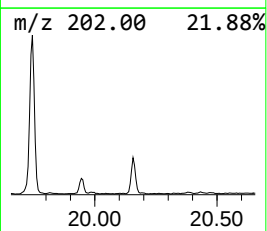
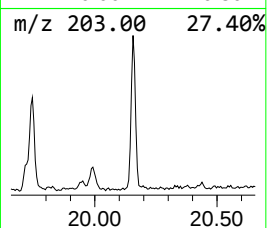
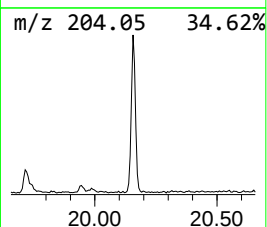
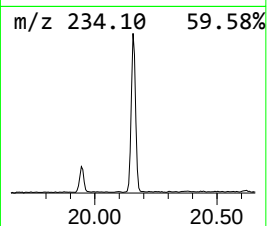
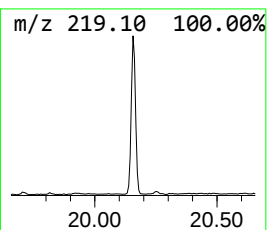
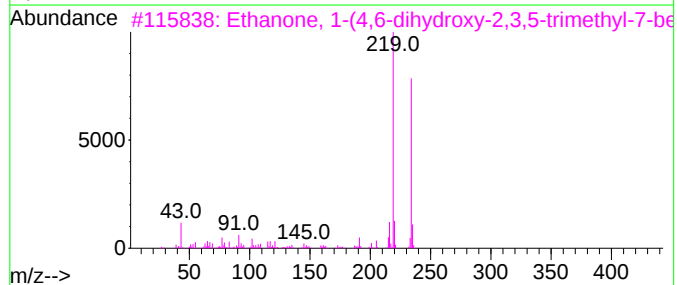
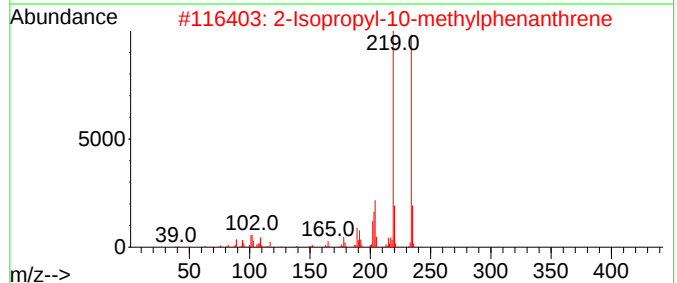
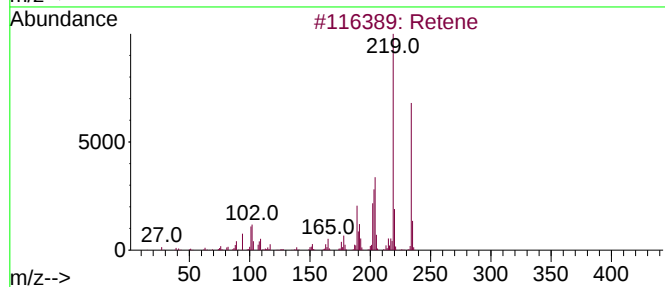
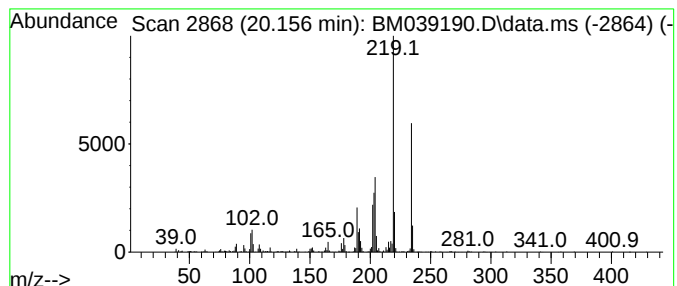
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Peak Number 6 Retene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.156	3.23 ng	457792	Chrysene-d12	21.503

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Retene	234	C18H18	000483-65-8	99
2			2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	93
3			Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	53
4			Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	52
5			3-(3-Fluorophenyl)-1H-pyrazole, TMS	234	C12H15FN2Si	1000507-49-8	52



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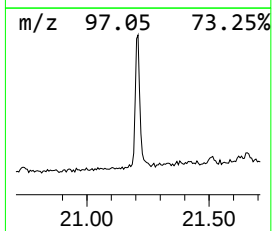
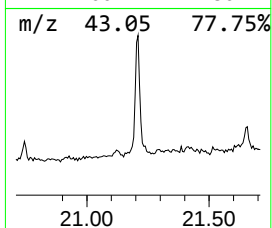
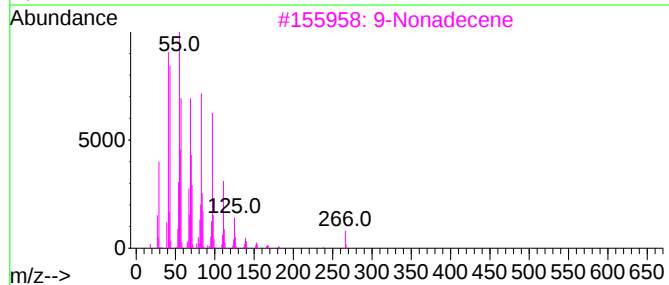
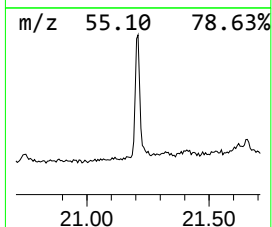
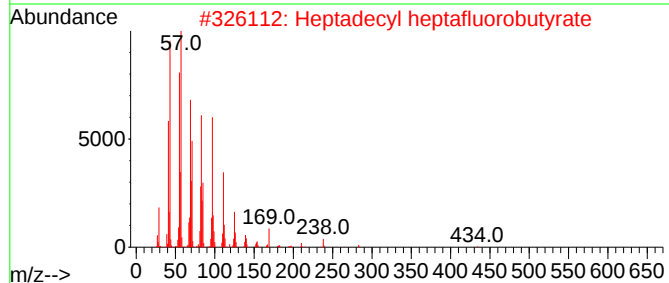
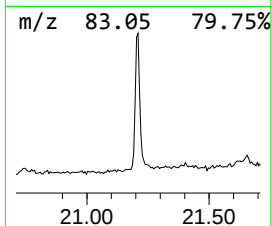
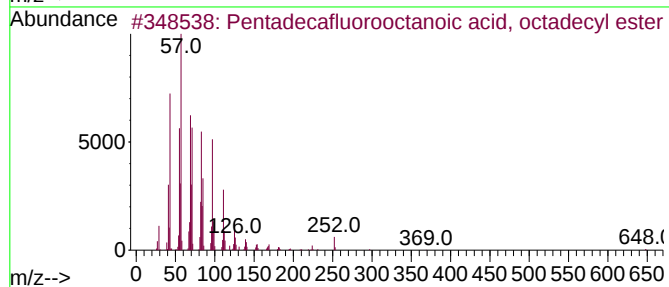
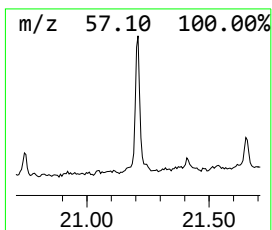
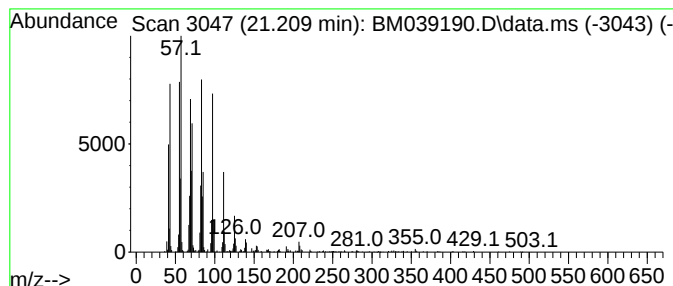
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TIC Library : C:\Database\NIST20.L
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Peak Number 7 Pentadecafluorooctanoic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.209	5.21 ng	737240	Chrysene-d12	21.503

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
2			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3			9-Nonadecene	266	C19H38	031035-07-1	93
4			1-Heneicosanol	312	C21H44O	015594-90-8	93
5			Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.028	29.1	ng	2662680	1	7.933	1828860	20.0
n-Hexadecanoic ...	18.221	20.4	ng	3329670	4	17.327	3266200	20.0
Octadecanoic acid	19.497	9.8	ng	1394920	5	21.503	2831710	20.0
Retene	20.156	3.2	ng	457792	5	21.503	2831710	20.0
Pentadecafluoro...	21.209	5.2	ng	737240	5	21.503	2831710	20.0