

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022417\
 Data File : BM009027.D
 Acq On : 24 Feb 2017 21:30
 Operator : SJ/MA
 Sample : I1940-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DABR0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.357	43	46	52	rBV	41549	53658	1.41%	0.124%
2	4.622	256	261	265	rBV2	42192	59487	1.56%	0.137%
3	5.016	324	328	337	rVB	96124	146403	3.84%	0.337%
4	7.051	666	674	687	rBV2	754273	1341862	35.20%	3.092%
5	7.228	697	704	714	rBV	565443	880593	23.10%	2.029%
6	7.428	732	738	746	rBV	725120	1131934	29.69%	2.609%
7	7.898	811	818	825	rBV	742491	1187310	31.14%	2.736%
8	8.592	927	936	946	rBV	763421	1242886	32.60%	2.864%
9	9.063	1009	1016	1024	rBV	697076	1124628	29.50%	2.592%
10	9.786	1130	1139	1147	rBV	534217	907308	23.80%	2.091%
11	10.316	1221	1229	1239	rBV	797114	1339670	35.14%	3.087%
12	10.698	1287	1294	1303	rVB	904527	1527680	40.07%	3.521%
13	10.839	1311	1318	1327	rBV	721074	1240417	32.54%	2.859%
14	13.945	1834	1846	1850	rBV	1349990	1862115	48.84%	4.291%
15	13.986	1850	1853	1859	rVB	235390	324143	8.50%	0.747%
16	14.233	1888	1895	1902	rBV	1450912	2062989	54.11%	4.754%
17	14.539	1940	1947	1956	rBV2	1301206	1910870	50.12%	4.404%
18	14.721	1970	1978	1988	rBV	648471	960468	25.19%	2.213%
19	15.368	2083	2088	2091	rVB2	51834	67457	1.77%	0.155%
20	15.533	2109	2116	2122	rBV	1857849	2698884	70.79%	6.220%
21	15.645	2128	2135	2143	rBV	628647	880633	23.10%	2.030%
22	15.768	2150	2156	2160	rBV7	42429	69604	1.83%	0.160%
23	16.227	2229	2234	2242	rBV2	89163	157966	4.14%	0.364%
24	17.021	2363	2369	2373	rBV	86105	116247	3.05%	0.268%
25	17.068	2373	2377	2386	rVB3	36059	59876	1.57%	0.138%
26	17.286	2407	2414	2421	rBV	1613171	2361606	61.94%	5.443%
27	17.380	2424	2430	2441	rVV2	2040735	3020992	79.24%	6.962%
28	17.756	2490	2494	2498	rBV	68277	77594	2.04%	0.179%
29	18.156	2557	2562	2570	rBV2	258228	376517	9.88%	0.868%
30	19.309	2751	2758	2762	rBV7	65321	140953	3.70%	0.325%
31	19.427	2774	2778	2783	rBV	133352	174321	4.57%	0.402%
32	19.674	2814	2820	2831	rBV	2742247	3705368	97.19%	8.539%
33	21.144	3066	3070	3075	rBV2	245092	304269	7.98%	0.701%
34	21.456	3118	3123	3128	rBV	2406947	2991527	78.47%	6.894%

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35	22.515	3300	3303	3308	rvB3	192681	235636	6.18%	0.543%
36	23.650	3489	3496	3507	rvB2	1936272	3812537	100.00%	8.786%
37	23.797	3515	3521	3528	rvB	1420076	2835038	74.36%	6.534%

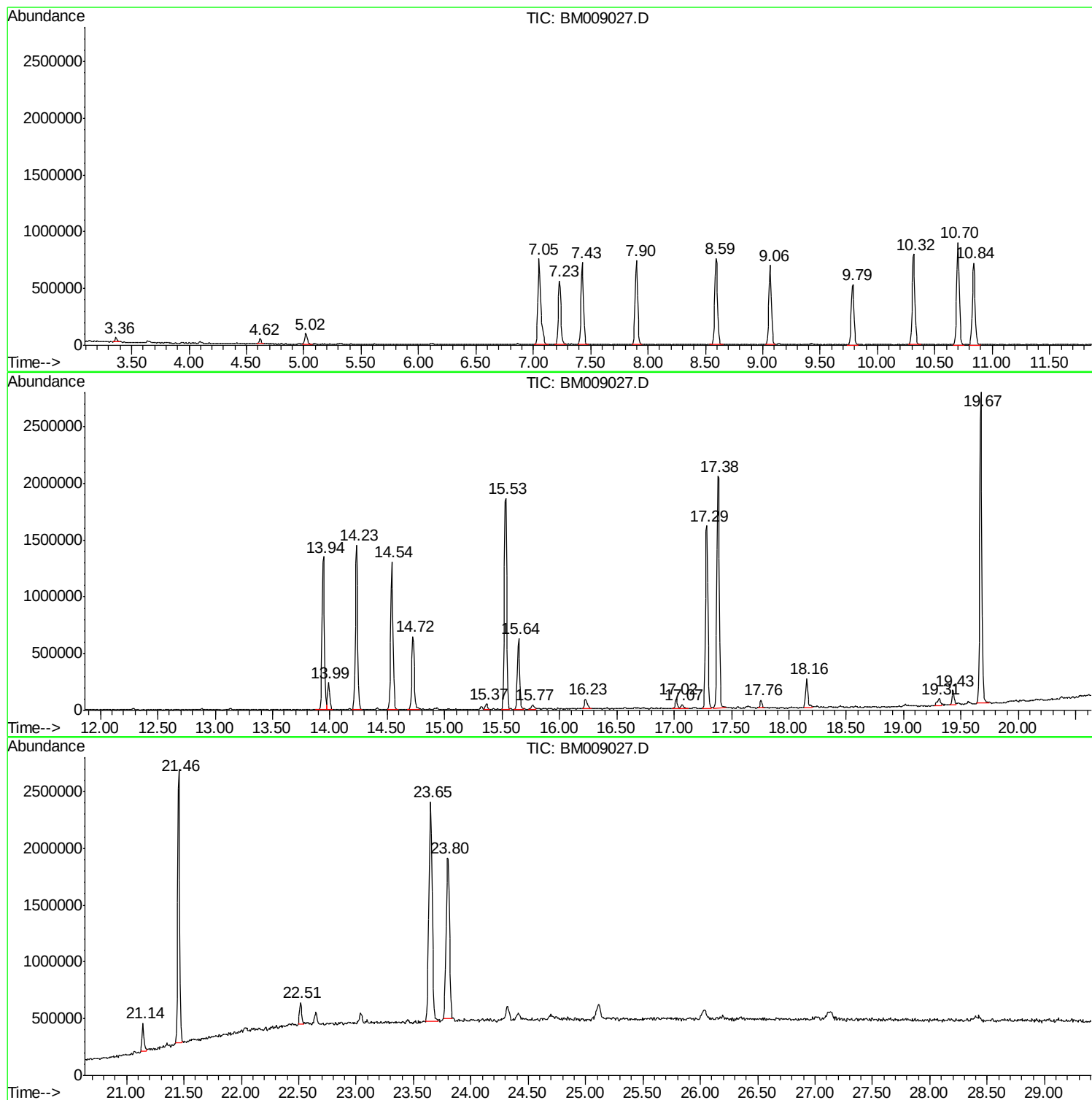
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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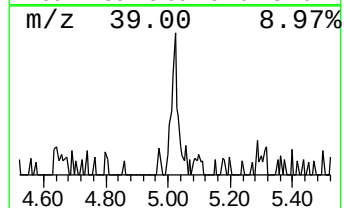
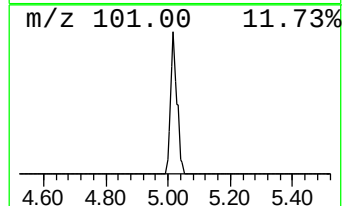
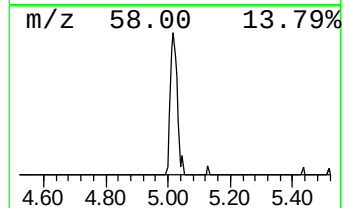
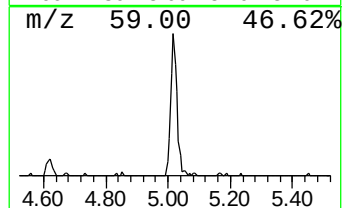
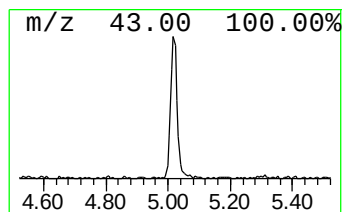
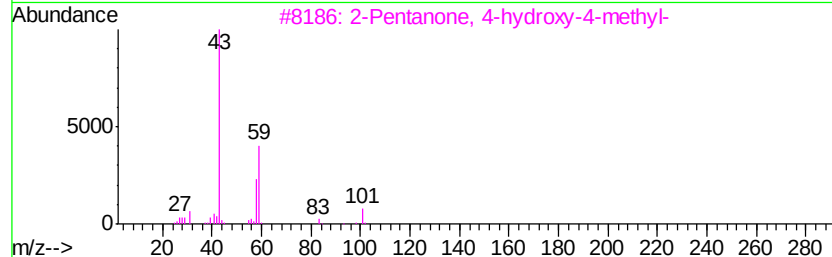
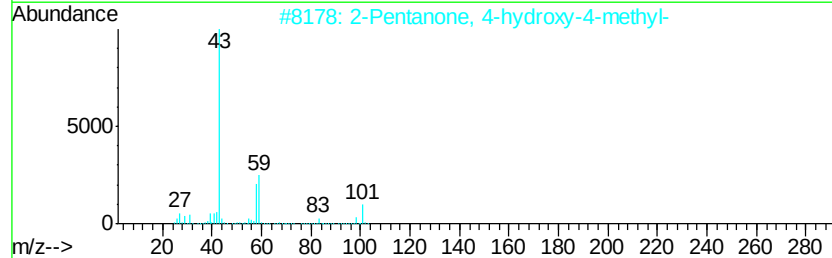
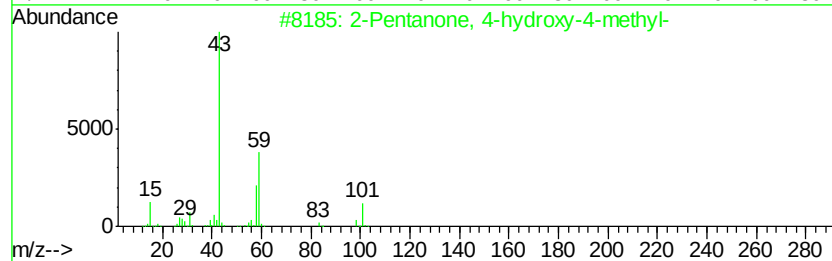
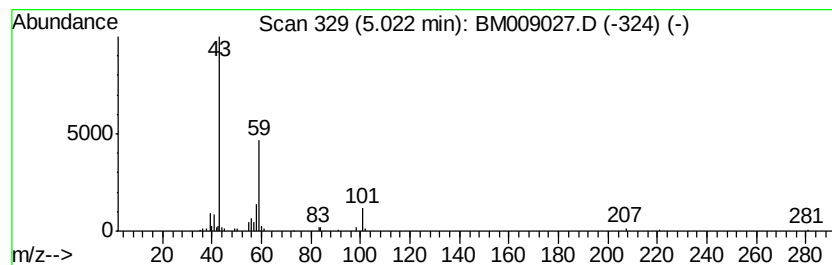
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	2.47 ng/ul	146403	1,4-Dichlorobenzene-d4	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
4		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
5		3-Octanol	130	C8H18O	000589-98-0	25



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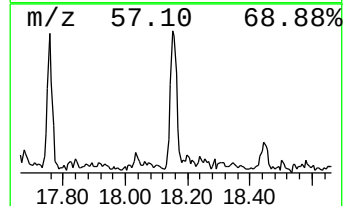
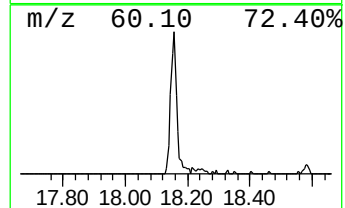
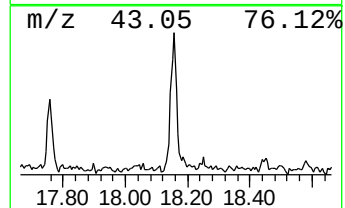
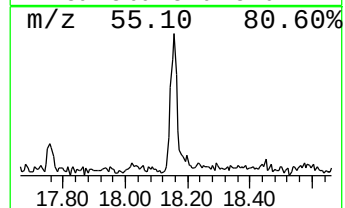
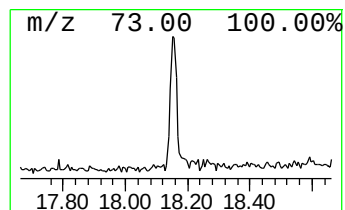
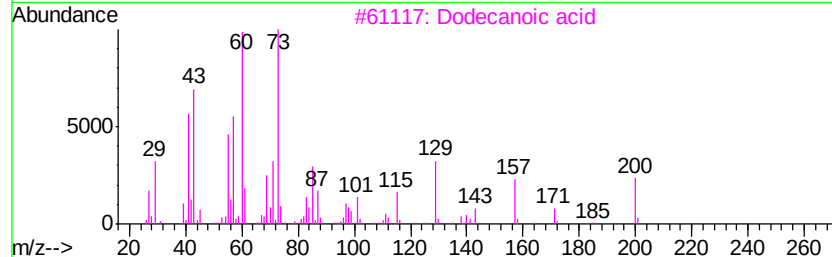
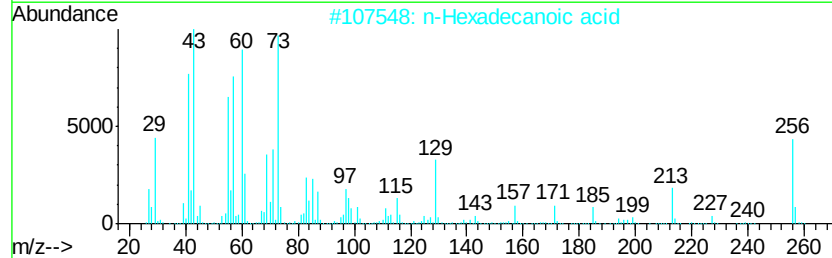
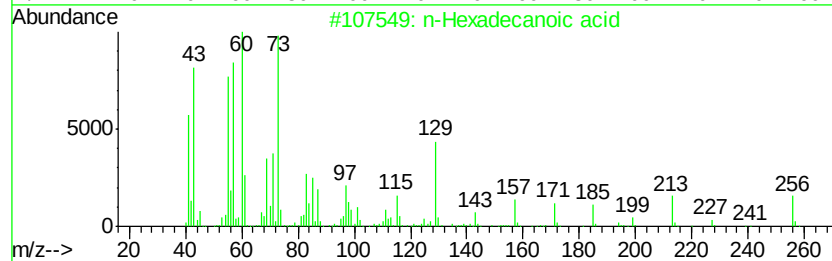
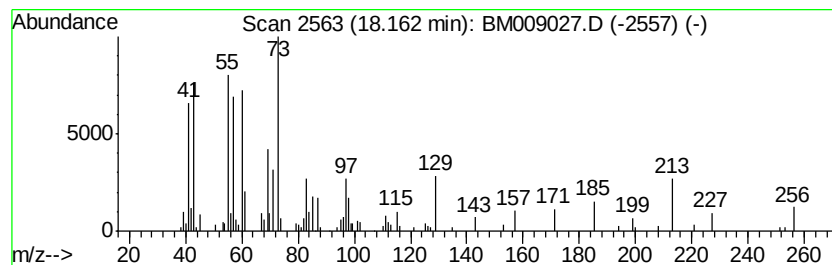
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.16	3.19 ng/ul	376517	Phenanthrene-d10	17.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Dodecanoic acid	200	C12H24O2	000143-07-7	89
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81



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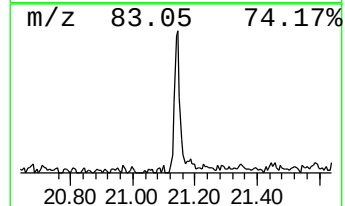
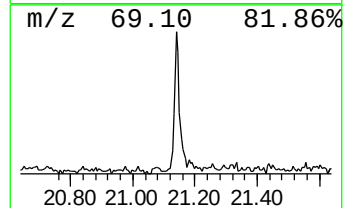
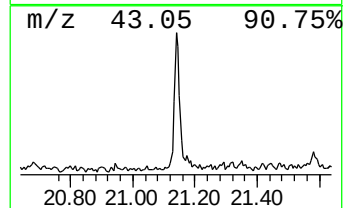
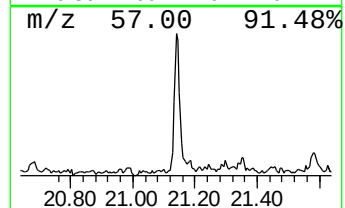
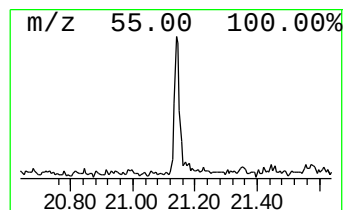
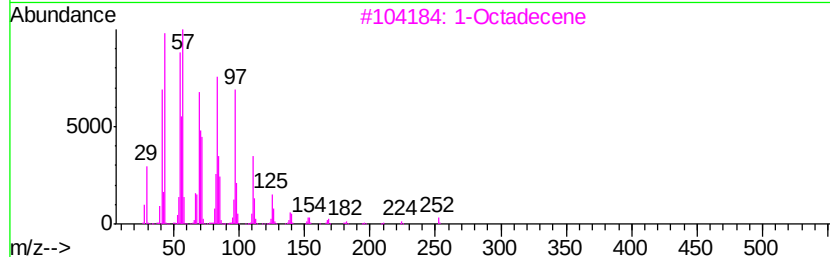
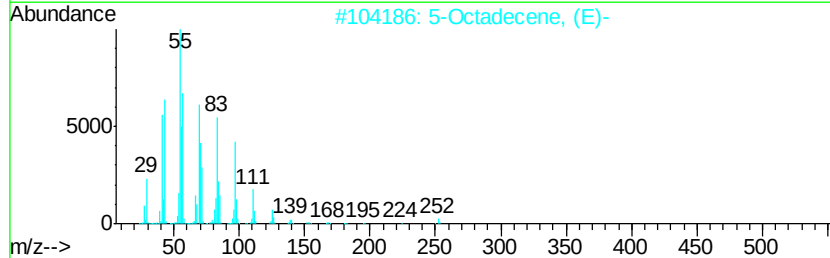
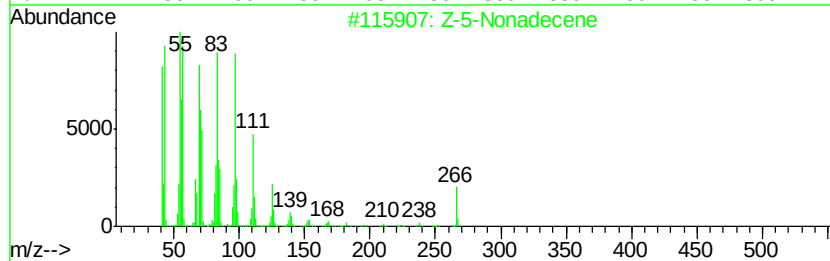
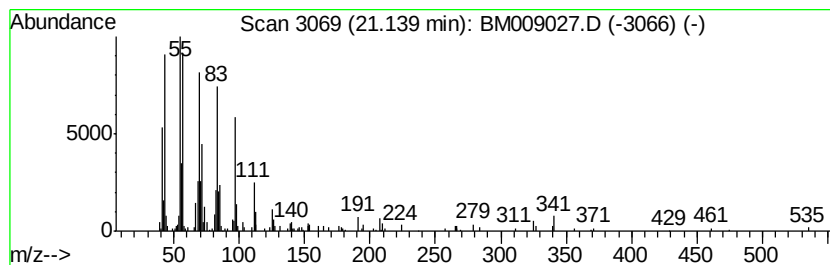
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Peak Number 3 (DEL) Alkane: Cyclic21.14 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.14	2.03 ng/ul	304269	Chrysene-d12	21.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	90
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	89
3	1-Octadecene	252	C18H36	000112-88-9	87
4	2-Heptadecenal	252	C17H32O	1000143-48-6	87
5	9-Octadecene, (E)-	252	C18H36	007206-25-9	70



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.02	2.5	ng/ul	146403	1	7.90	1187310	20.0
n-Hexadecanoic acid	18.16	3.2	ng/ul	376517	4	17.29	2361610	20.0
(DEL) Alkane: Cyc...	21.14	2.0	ng/ul	304269	5	21.46	2991530	20.0