

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM012318\
 Data File : BM013762.D
 Acq On : 24 Jan 2018 10:34
 Operator : SJ/JU
 Sample : J1222-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A36

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\SOM-EPA-BM011018.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	3.157	23	29	34	rBV	46329	67781	1.43%	0.117%
2	6.787	638	646	660	rBV2	1001824	1839237	38.88%	3.178%
3	6.951	667	674	684	rVB	778135	1144230	24.19%	1.977%
4	7.140	700	706	718	rBV	1083469	1701018	35.96%	2.939%
5	7.604	778	785	794	rVB	830828	1305934	27.60%	2.256%
6	8.316	900	906	916	rBV	1298813	2089442	44.17%	3.610%
7	8.763	974	982	990	rBV	1012703	1670258	35.31%	2.886%
8	9.475	1096	1103	1112	rBV	860821	1459434	30.85%	2.521%
9	10.010	1187	1194	1214	rBV	1259791	2184536	46.18%	3.774%
10	10.380	1250	1257	1264	rBV	1067874	1754327	37.08%	3.031%
11	10.528	1274	1282	1292	rBV	1010142	1829241	38.67%	3.160%
12	13.674	1810	1817	1822	rBV	2135258	2897831	61.25%	5.007%
13	13.721	1822	1825	1831	rVB	434775	588869	12.45%	1.017%
14	13.945	1855	1863	1870	rBV	2437968	3604390	76.19%	6.227%
15	14.257	1909	1916	1924	rBV2	1482007	2213109	46.78%	3.824%
16	14.486	1948	1955	1968	rBV	694688	1277102	27.00%	2.206%
17	15.257	2079	2086	2094	rBV	2977545	4150845	87.74%	7.171%
18	15.392	2104	2109	2121	rBV	762595	1142561	24.15%	1.974%
19	15.627	2143	2149	2154	rBV	52656	80546	1.70%	0.139%
20	17.009	2378	2384	2391	rBV	1799502	2497476	52.79%	4.315%
21	17.109	2395	2401	2412	rVB2	3125240	4389150	92.78%	7.583%
22	17.915	2533	2538	2545	rBV3	217159	336173	7.11%	0.581%
23	18.362	2610	2614	2619	rBV5	36491	47555	1.01%	0.082%
24	18.627	2656	2659	2665	rBV6	43999	58482	1.24%	0.101%
25	19.050	2723	2731	2735	rBV4	40270	77326	1.63%	0.134%
26	19.203	2753	2757	2765	rBV4	109617	184257	3.89%	0.318%
27	19.327	2770	2778	2782	rVV	1005727	1332002	28.16%	2.301%
28	19.415	2786	2793	2798	rBV	3399878	4730835	100.00%	8.174%
29	19.539	2809	2814	2818	rBV	185921	255681	5.40%	0.442%
30	19.786	2851	2856	2859	rBV6	39610	54902	1.16%	0.095%
31	20.009	2890	2894	2901	rBV9	106438	157155	3.32%	0.272%
32	20.162	2917	2920	2922	rBV4	42266	58300	1.23%	0.101%
33	20.356	2946	2953	2958	rBV5	195595	445636	9.42%	0.770%
34	20.409	2958	2962	2966	rVV5	73008	100890	2.13%	0.174%

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35	20.827	3030	3033	3036	rBV5	61581	77303	1.63%	0.134%
36	20.927	3047	3050	3054	rVB4	125569	162243	3.43%	0.280%
37	21.209	3093	3098	3105	rBV	2138800	2678369	56.62%	4.627%
38	23.274	3442	3449	3459	rVB	2519487	4689053	99.12%	8.101%
39	23.409	3466	3472	3481	rVB2	1333360	2546580	53.83%	4.400%

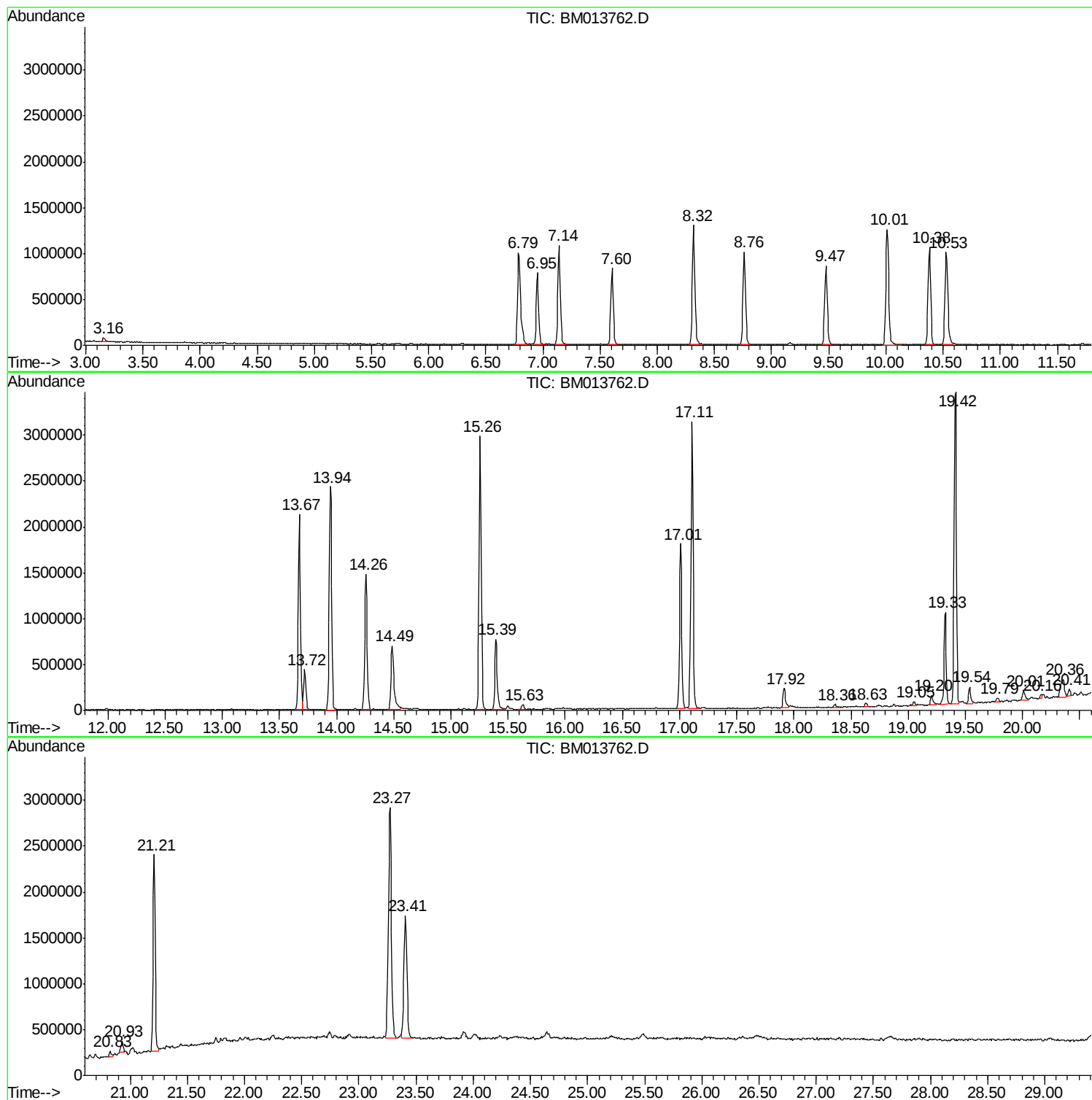
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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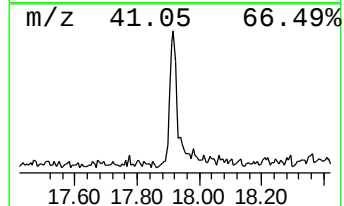
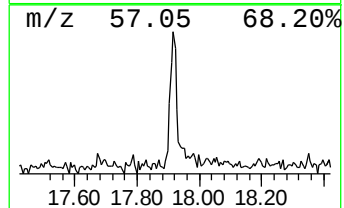
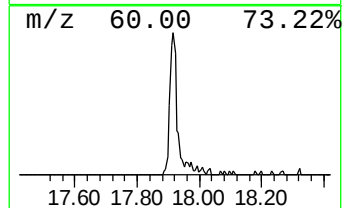
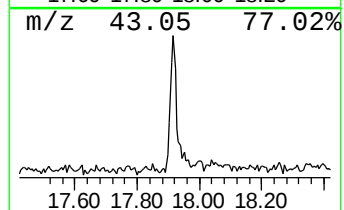
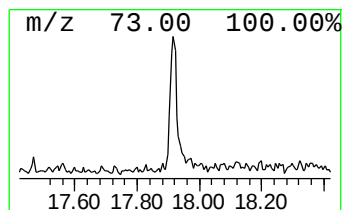
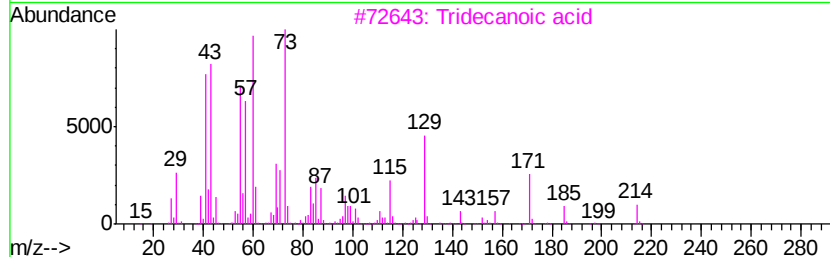
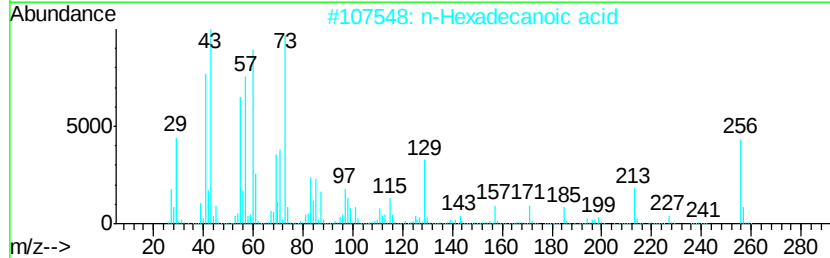
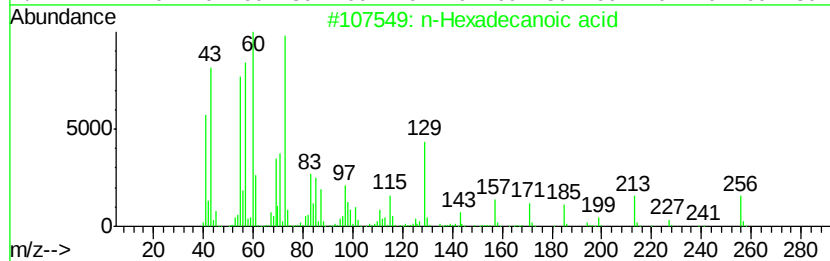
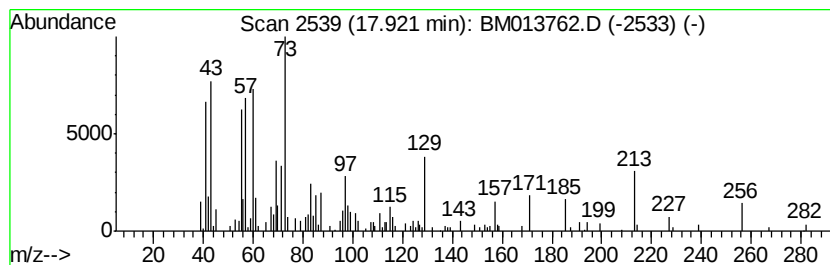
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TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.69 ng/ul	336173	Phenanthrene-d10	17.01

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	97
3			Tridecanoic acid	214	C13H26O2	000638-53-9	90
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5			Octadecanoic acid	284	C18H36O2	000057-11-4	70



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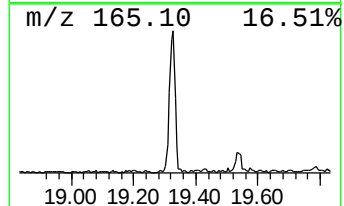
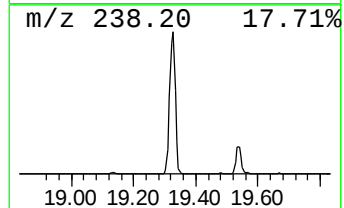
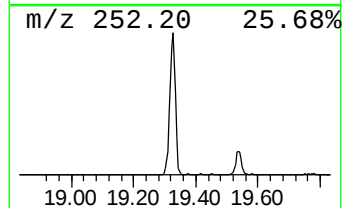
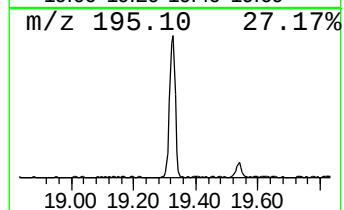
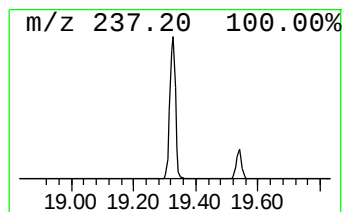
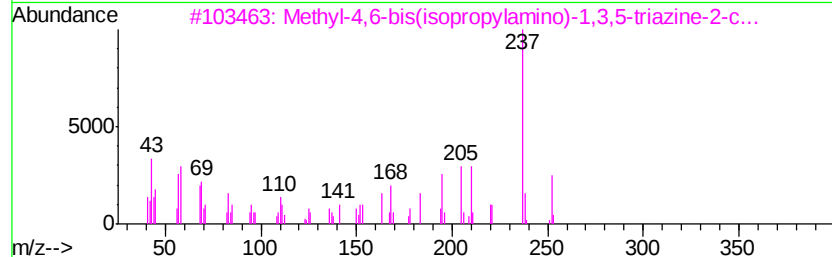
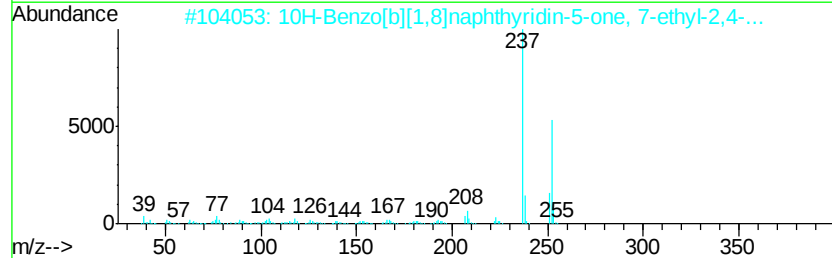
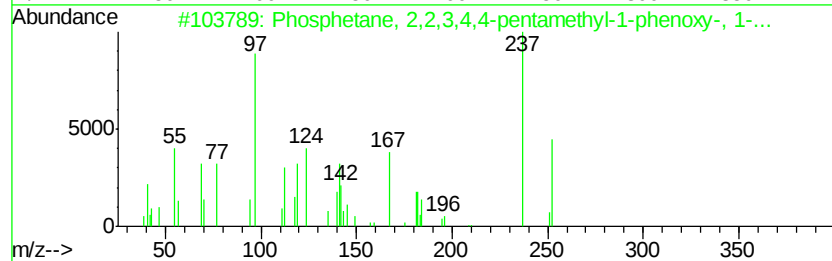
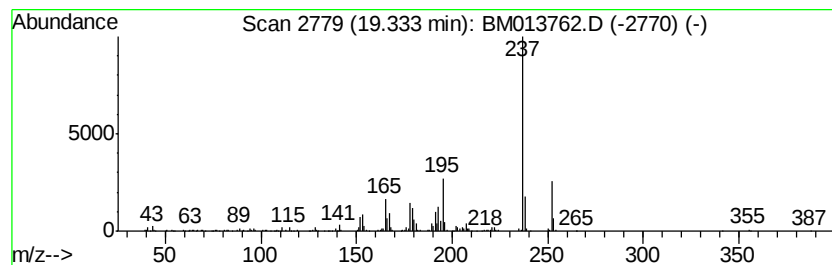
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Peak Number 2 Phosphetane, 2,2,3,4,4-pent... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	9.95 ng/ul	1332000	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phosphetane, 2,2,3,4,4-pentameth...	252	C14H21O2P	050517-26-5	95
2		10H-Benzo[b][1,8]naphthyridin-5-...	252	C16H16N2O	1000302-05-2	62
3		Methyl-4,6-bis(isopropylamino)-1...	252	C11H20N6O	300587-35-3	58
4		Silane, dimethyl(4-acetylphenoxy...	252	C13H20O3Si	1000347-30-8	52
5		2-(Carboxymethylene)-4,4-dimethy...	270	C13H18O6	180691-11-6	49



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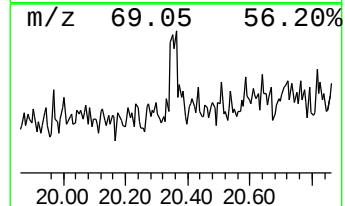
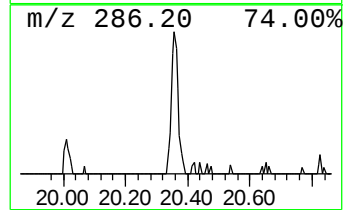
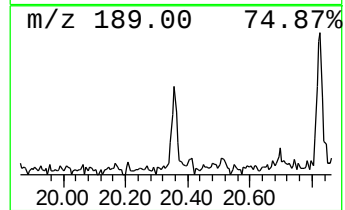
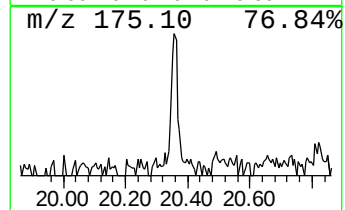
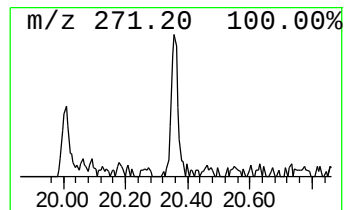
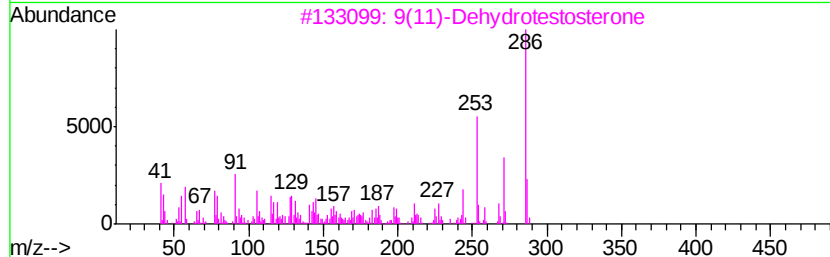
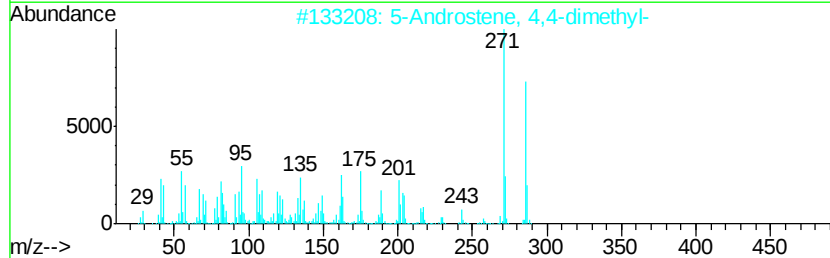
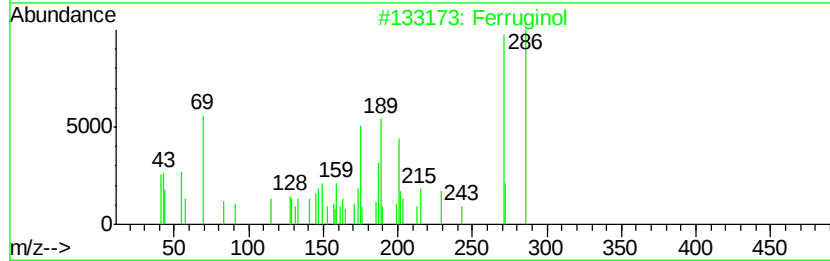
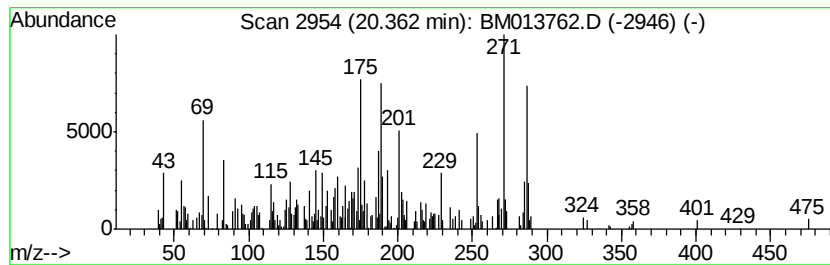
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Peak Number 3 Ferruginol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
20.36	3.33 ng/ul	445636	Chrysene-d12		21.21		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ferruginol	286	C20H30O	000514-62-5	99
2			5-Androstene, 4,4-dimethyl-	286	C21H34	1000194-15-4	38
3			9(11)-Dehydrotestosterone	286	C19H26O2	002398-99-4	35
4			Kaura-5,16-dien-18(or 19)-ol	286	C20H30O	023837-99-2	30
5			Retinol	286	C20H30O	000068-26-8	25



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.92	2.7	ng/ul	336173	4	17.01	2497480	20.0
Phosphetane, 2,2,...	19.33	9.9	ng/ul	1332000	5	21.21	2678370	20.0
Ferruginol	20.36	3.3	ng/ul	445636	5	21.21	2678370	20.0