

Data Path : Z:\HPCHEM1\BNA G\DATA\BG090115\
 Data File : BG018568.D
 Acq On : 1 Sep 2015 18:12
 Operator : UM/IZ
 Sample : G3478-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AF6

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 0.1 % 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_G\METHODS\SOM02.2-EPA-BG080915.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	2.894	5	9	14	rVB3	30220	46338	2.16%	0.182%
2	3.112	41	46	54	rBV2	81164	154683	7.22%	0.608%
3	3.188	54	59	72	rVB	755380	1107774	51.67%	4.354%
4	3.300	76	78	82	rVB4	5013	5960	0.28%	0.023%
5	3.447	100	103	109	rVB4	15971	23814	1.11%	0.094%
6	3.699	140	146	148	rBV6	5007	8440	0.39%	0.033%
7	3.717	148	149	152	rVV3	4678	4619	0.22%	0.018%
8	3.740	152	153	158	rVV3	4730	4957	0.23%	0.019%
9	4.011	197	199	202	rVB3	4365	5622	0.26%	0.022%
10	4.522	283	286	287	rBV2	3938	4397	0.21%	0.017%
11	4.751	322	325	328	rVB3	3278	4127	0.19%	0.016%
12	4.910	349	352	356	rVB6	4966	6263	0.29%	0.025%
13	5.010	364	369	372	rVB6	5165	7072	0.33%	0.028%
14	5.104	382	385	386	rBV3	6847	5614	0.26%	0.022%
15	5.350	424	427	430	rBV4	3158	4430	0.21%	0.017%
16	5.527	454	457	458	rVB3	4430	4278	0.20%	0.017%
17	6.050	543	546	549	rBV5	3687	5757	0.27%	0.023%
18	6.226	574	576	581	rVB4	3252	4202	0.20%	0.017%
19	6.296	586	588	591	rBV3	4447	4088	0.19%	0.016%
20	6.408	602	607	608	rBV3	4454	4051	0.19%	0.016%
21	6.696	653	656	657	rVB2	5079	4332	0.20%	0.017%
22	6.719	657	660	663	rBV4	3835	5156	0.24%	0.020%
23	6.755	663	666	669	rBV4	3252	4370	0.20%	0.017%
24	6.901	690	691	695	rVB3	4372	4522	0.21%	0.018%
25	6.984	701	705	707	rBV3	3415	4934	0.23%	0.019%
26	7.166	730	736	743	rBV2	307989	522258	24.36%	2.053%
27	7.330	759	764	771	rVB	259169	414661	19.34%	1.630%
28	7.542	793	800	807	rBV	305350	503037	23.46%	1.977%
29	7.624	812	814	818	rVB4	4783	5012	0.23%	0.020%
30	7.930	864	866	869	rVB3	4783	4704	0.22%	0.018%
31	7.953	869	870	873	rBV3	4893	4105	0.19%	0.016%
32	8.012	873	880	886	rBV	302669	514103	23.98%	2.021%
33	8.611	978	982	985	rBV5	3986	6269	0.29%	0.025%
34	8.711	991	999	1007	rBV	387736	670868	31.29%	2.637%

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35	8.934	1033	1037	1038	rBV4	4013	4534	0.21%	0.018%
36	8.999	1046	1048	1051	rVB4	4577	3947	0.18%	0.016%
37	9.164	1068	1076	1085	rBV	285631	502452	23.44%	1.975%
38	9.269	1091	1094	1097	rBV5	4102	5914	0.28%	0.023%
39	9.886	1192	1199	1206	rVB	228214	409233	19.09%	1.609%
40	10.427	1285	1291	1301	rBV	393911	710604	33.15%	2.793%
41	10.579	1311	1317	1319	rBV5	9177	17513	0.82%	0.069%
42	10.815	1349	1357	1364	rBV	466641	811508	37.85%	3.190%
43	10.944	1369	1379	1390	rBV	387585	725573	33.84%	2.852%
44	11.420	1459	1460	1463	rBV3	3250	4067	0.19%	0.016%
45	11.467	1465	1468	1474	rVB5	5938	10398	0.49%	0.041%
46	12.001	1554	1559	1560	rBV5	5477	9172	0.43%	0.036%
47	12.178	1586	1589	1591	rVB4	5922	5538	0.26%	0.022%
48	12.195	1591	1592	1595	rBV3	4002	4974	0.23%	0.020%
49	12.272	1602	1605	1609	rBV4	5250	5118	0.24%	0.020%
50	12.748	1681	1686	1687	rBV4	4320	5223	0.24%	0.021%
51	12.994	1725	1728	1732	rVV4	12237	15444	0.72%	0.061%
52	13.241	1765	1770	1779	rBV4	19838	33330	1.55%	0.131%
53	13.347	1787	1788	1791	rBV3	4003	4677	0.22%	0.018%
54	13.388	1793	1795	1799	rVV4	4223	4441	0.21%	0.017%
55	13.535	1817	1820	1822	rVB4	4477	4012	0.19%	0.016%
56	14.034	1898	1905	1910	rBV	840103	1226640	57.22%	4.821%
57	14.081	1910	1913	1920	rVV	281225	388742	18.13%	1.528%
58	14.164	1924	1927	1932	rVB5	5922	8754	0.41%	0.034%
59	14.281	1944	1947	1948	rBV2	6114	6555	0.31%	0.026%
60	14.328	1948	1955	1963	rVB	743898	1138998	53.13%	4.477%
61	14.528	1987	1989	1995	rVV4	7649	7333	0.34%	0.029%
62	14.634	1999	2007	2014	rBV2	784819	1276464	59.54%	5.017%
63	14.822	2032	2039	2050	rBV	374605	639453	29.83%	2.513%
64	15.045	2074	2077	2079	rVB4	5927	6144	0.29%	0.024%
65	15.215	2102	2106	2113	rBV8	4930	13459	0.63%	0.053%
66	15.368	2127	2132	2137	rBV	42082	59988	2.80%	0.236%
67	15.433	2139	2143	2147	rVV4	13454	19911	0.93%	0.078%
68	15.480	2147	2151	2155	rVB2	16987	20704	0.97%	0.081%
69	15.627	2169	2176	2183	rBV	872882	1320750	61.61%	5.191%
70	15.738	2188	2195	2206	rBV	312667	484472	22.60%	1.904%
71	15.873	2211	2218	2224	rBV10	9315	24745	1.15%	0.097%

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72	15.973	2230	2235	2238	rVB6	5275	8534	0.40%	0.034%
73	16.091	2252	2255	2256	rBV3	3648	3883	0.18%	0.015%
74	16.337	2293	2297	2300	rBV3	24381	30757	1.43%	0.121%
75	16.502	2324	2325	2328	rBV3	6426	7800	0.36%	0.031%
76	16.561	2333	2335	2337	rBV2	4158	3978	0.19%	0.016%
77	17.031	2413	2415	2418	rVB4	5574	4234	0.20%	0.017%
78	17.095	2425	2426	2429	rBV3	3689	4619	0.22%	0.018%
79	17.131	2429	2432	2436	rVV2	23266	28265	1.32%	0.111%
80	17.160	2436	2437	2439	rBV2	5899	4281	0.20%	0.017%
81	17.272	2454	2456	2459	rVB4	5049	4283	0.20%	0.017%
82	17.377	2467	2474	2481	rBV2	1175516	1795094	83.73%	7.056%
83	17.477	2484	2491	2498	rVB	1084783	1644526	76.71%	6.464%
84	17.595	2509	2511	2512	rBV2	6052	4916	0.23%	0.019%
85	17.654	2518	2521	2522	rBV3	4895	5611	0.26%	0.022%
86	17.742	2533	2536	2539	rBV5	5953	7155	0.33%	0.028%
87	17.871	2554	2558	2562	rVB4	17962	24357	1.14%	0.096%
88	17.971	2573	2575	2577	rBV3	5195	5408	0.25%	0.021%
89	18.035	2584	2586	2589	rVB4	5315	4853	0.23%	0.019%
90	18.135	2598	2603	2610	rBV8	13408	32787	1.53%	0.129%
91	18.265	2620	2625	2633	rBV7	42339	78615	3.67%	0.309%
92	18.594	2679	2681	2684	rBV4	5941	4549	0.21%	0.018%
93	18.688	2694	2697	2703	rVB6	14964	22138	1.03%	0.087%
94	19.681	2863	2866	2871	rVB2	79572	89927	4.19%	0.353%
95	19.757	2874	2879	2890	rVB2	1047752	1512191	70.54%	5.944%
96	20.721	3040	3043	3047	rVB2	73264	79280	3.70%	0.312%
97	21.637	3192	3199	3206	rBV	1338246	2141901	99.91%	8.419%
98	23.318	3479	3485	3492	rVB	171551	311968	14.55%	1.226%
99	24.604	3697	3704	3717	rVB	522178	1406336	65.60%	5.528%
100	24.833	3733	3743	3756	rVB	744305	2143868	100.00%	8.427%

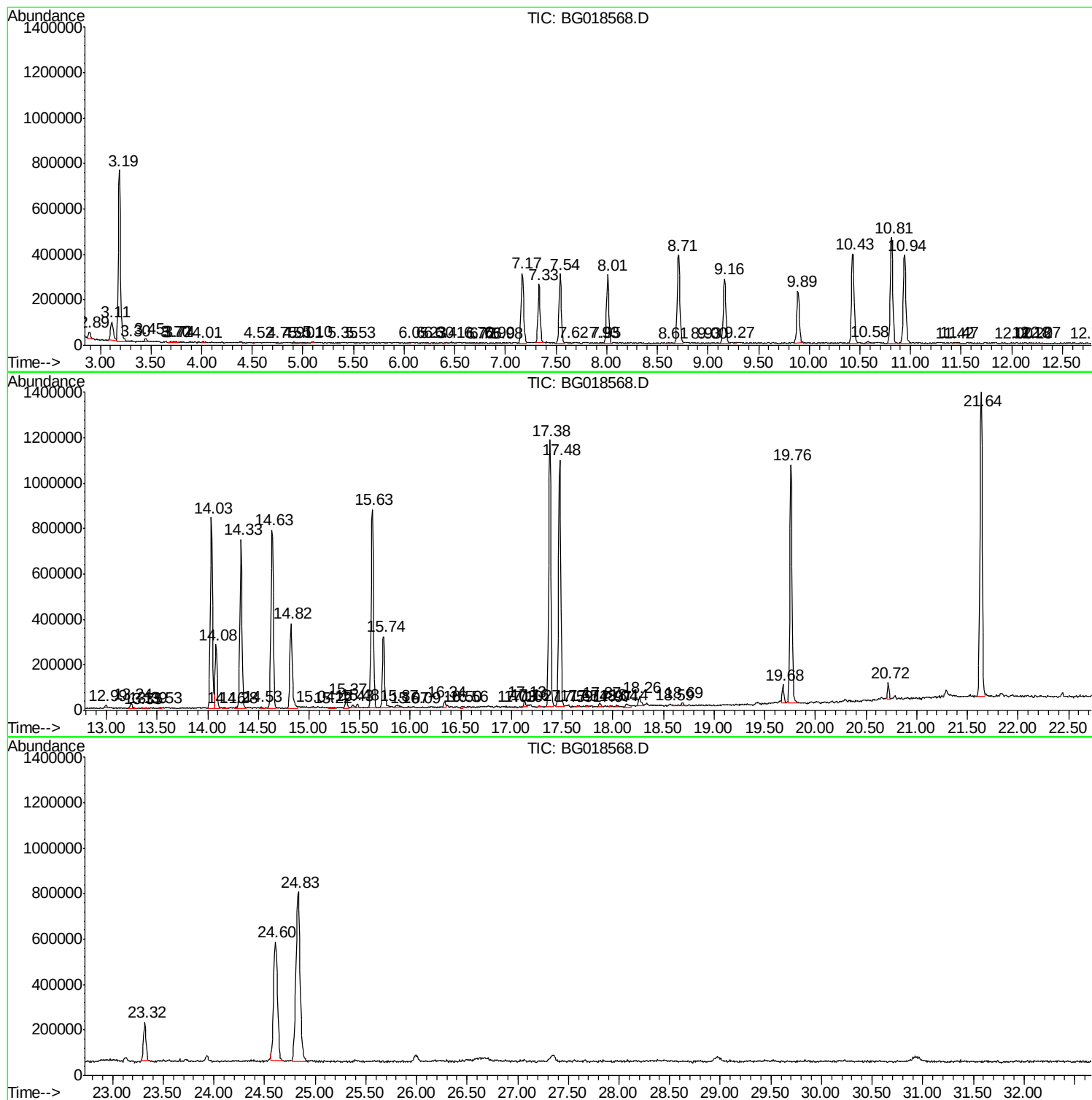
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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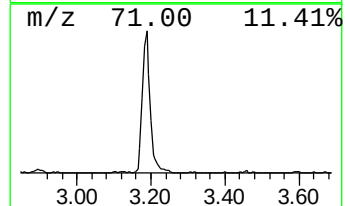
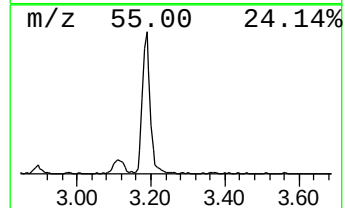
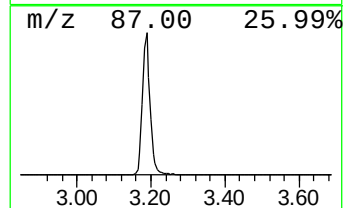
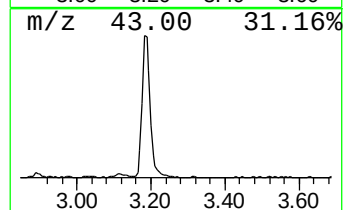
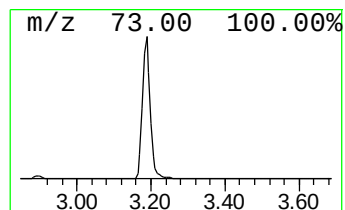
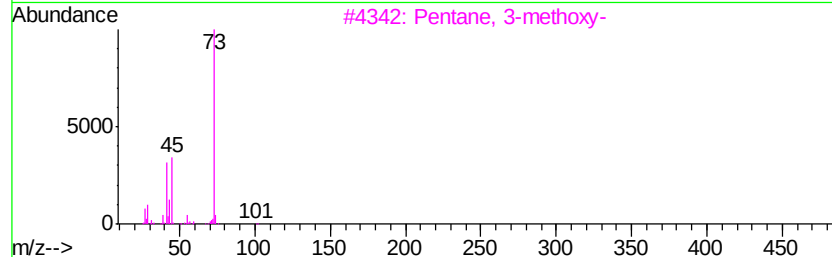
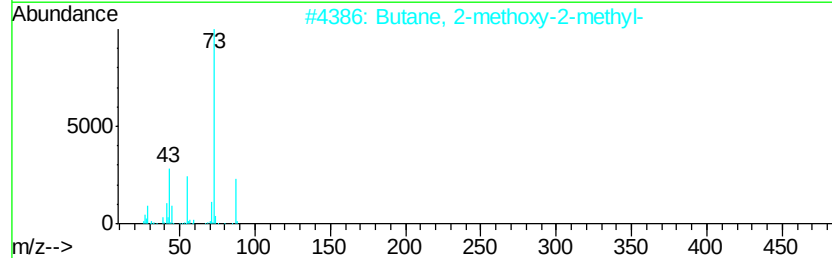
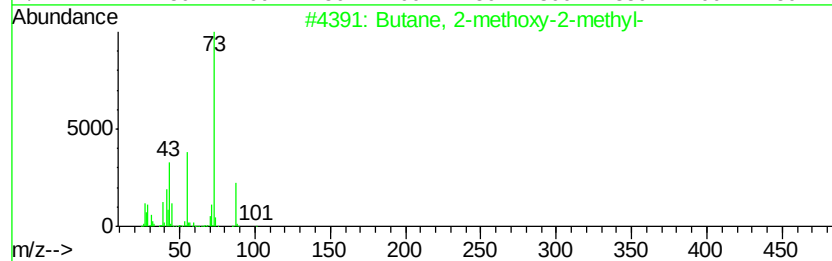
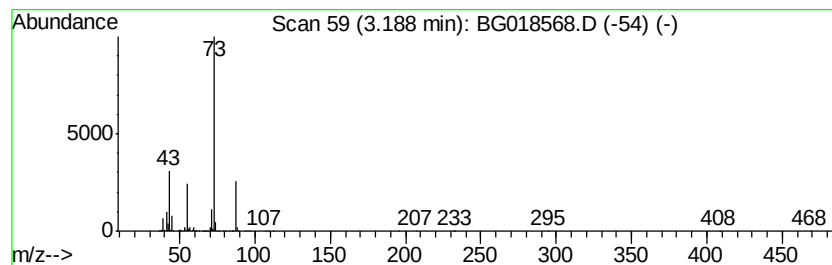
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	43.10 ng/ul	1107770	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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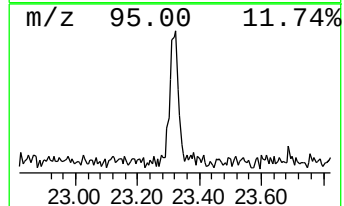
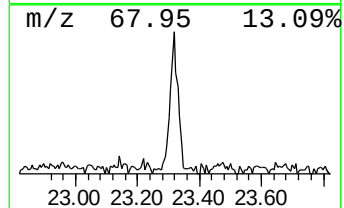
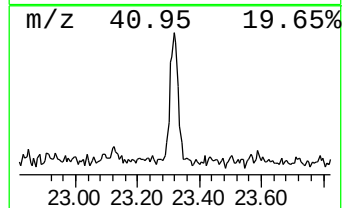
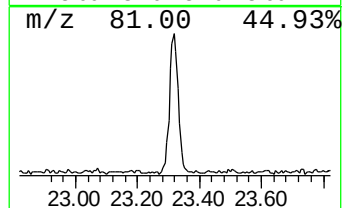
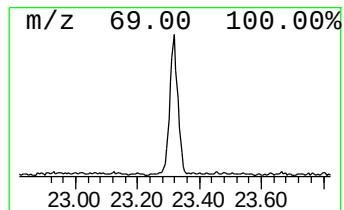
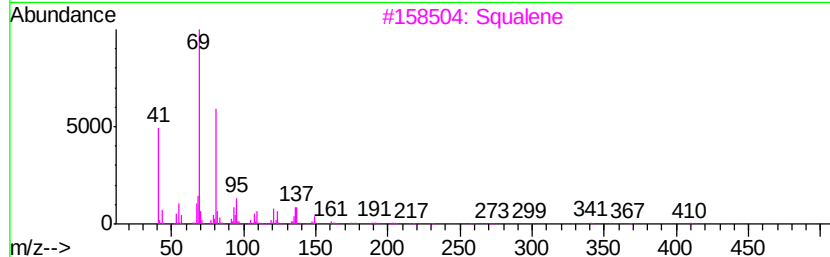
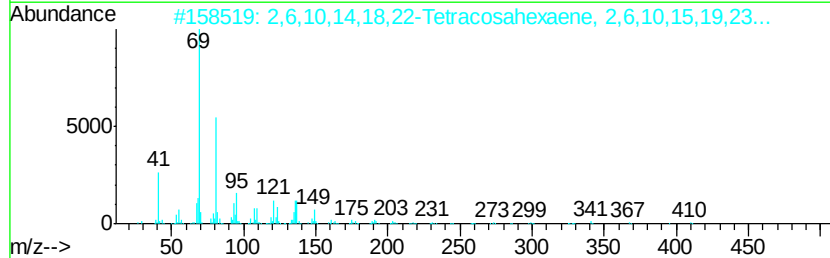
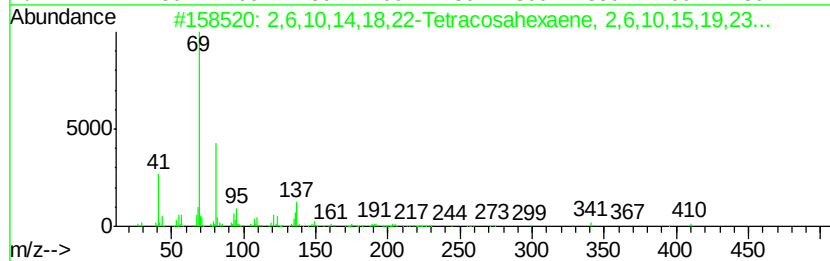
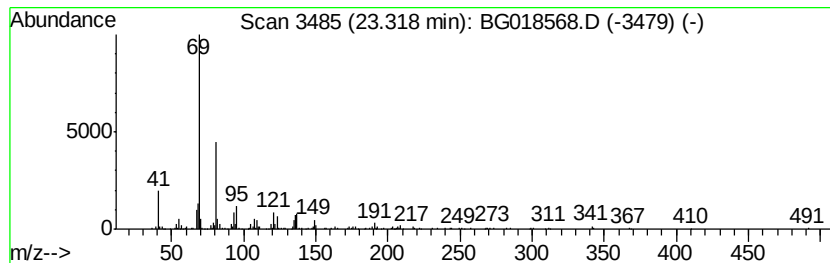
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Peak Number 3 2,6,10,14,18,22-Tetracosahexaene... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.32	2.91 ng/ul	311968	Perylene-d12	24.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	96		
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	93		
3	Squalene	410	C30H50	007683-64-9	91		
4	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72		
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72		



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.19	43.1	ng/ul	1107770	1	8.01	514103	20.0
2,6,10,14,18,22-T...	23.32	2.9	ng/ul	311968	6	24.83	2143870	20.0