

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110920\
 Data File : BG047257.D
 Acq On : 9 Nov 2020 16:05
 Operator : CG/JU
 Sample : L4661-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F4R04

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.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	3.399	6	10	16	rVB	14252	21614	1.00%	0.114%
2	4.051	120	121	124	rBV3	4103	4028	0.19%	0.021%
3	4.162	137	140	143	rBV5	4256	6475	0.30%	0.034%
4	4.668	222	226	227	rBV2	2795	3054	0.14%	0.016%
5	5.913	434	438	443	rVB5	5435	7644	0.35%	0.040%
6	7.159	643	650	659	rBV2	66481	122100	5.64%	0.644%
7	7.329	672	679	688	rBV	194801	328808	15.19%	1.733%
8	7.535	707	714	725	rBV	229450	393807	18.19%	2.076%
9	8.005	785	794	801	rBV	225622	376811	17.40%	1.987%
10	8.064	801	804	808	rVB3	6175	7948	0.37%	0.042%
11	8.704	907	913	922	rBV	171614	297615	13.75%	1.569%
12	8.786	925	927	930	rVB3	3717	3279	0.15%	0.017%
13	9.104	976	981	985	rVB3	6746	10852	0.50%	0.057%
14	9.168	985	992	1000	rBV	273286	475445	21.96%	2.506%
15	9.586	1061	1063	1067	rVB2	2929	3397	0.16%	0.018%
16	9.891	1108	1115	1127	rBV	248021	427539	19.75%	2.254%
17	10.432	1199	1207	1220	rBV	318262	576365	26.62%	3.039%
18	10.590	1231	1234	1239	rVB5	2541	5115	0.24%	0.027%
19	10.714	1251	1255	1256	rBV3	2581	3500	0.16%	0.018%
20	10.813	1265	1272	1287	rVB	292970	514648	23.77%	2.713%
21	10.949	1289	1295	1303	rBV3	20117	39866	1.84%	0.210%
22	12.394	1538	1541	1545	rBV4	5371	8427	0.39%	0.044%
23	12.923	1627	1631	1635	rVB2	7587	11532	0.53%	0.061%
24	13.240	1681	1685	1690	rBV3	3516	5966	0.28%	0.031%
25	13.528	1729	1734	1736	rBV2	2926	5298	0.24%	0.028%
26	13.557	1736	1739	1745	rVB3	7716	13994	0.65%	0.074%
27	14.039	1813	1821	1826	rBV	672953	961592	44.41%	5.069%
28	14.086	1826	1829	1835	rVB	27444	37121	1.71%	0.196%
29	14.333	1863	1871	1881	rBV	732103	1119225	51.69%	5.900%
30	14.638	1915	1923	1932	rBV	505123	774762	35.78%	4.084%
31	14.715	1932	1936	1940	rVB2	8489	12741	0.59%	0.067%
32	14.832	1950	1956	1968	rBV4	38236	84383	3.90%	0.445%
33	15.302	2033	2036	2043	rVB3	5599	10723	0.50%	0.057%
34	15.426	2052	2057	2059	rBV4	2574	4076	0.19%	0.021%

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35	15.631	2085	2092	2099	rBV	972593	1429693	66.03%	7.537%
36	15.743	2106	2111	2125	rBV	325839	506438	23.39%	2.670%
37	15.872	2128	2133	2137	rVV3	10607	13851	0.64%	0.073%
38	15.990	2147	2153	2156	rBV4	5811	9438	0.44%	0.050%
39	16.301	2205	2206	2212	rBV2	1663	3025	0.14%	0.016%
40	16.425	2222	2227	2229	rVV4	3700	4927	0.23%	0.026%
41	16.971	2317	2320	2327	rBV2	4295	6929	0.32%	0.037%
42	17.065	2333	2336	2340	rVB2	2390	3722	0.17%	0.020%
43	17.335	2376	2382	2384	rBV2	3701	4571	0.21%	0.024%
44	17.388	2384	2391	2397	rVV	613326	927029	42.82%	4.887%
45	17.482	2400	2407	2419	rVV	1091074	1651844	76.29%	8.708%
46	17.917	2480	2481	2488	rVB3	1922	3260	0.15%	0.017%
47	18.046	2498	2503	2508	rBV	180739	220414	10.18%	1.162%
48	18.264	2536	2540	2550	rBV3	46706	75897	3.51%	0.400%
49	18.346	2550	2554	2557	rVV2	3135	4046	0.19%	0.021%
50	18.522	2581	2584	2588	rVB4	4032	5086	0.23%	0.027%
51	19.345	2721	2724	2727	rVB5	3197	2931	0.14%	0.015%
52	19.403	2730	2734	2739	rVV	15045	23539	1.09%	0.124%
53	19.539	2754	2757	2763	rBV5	9097	12515	0.58%	0.066%
54	19.650	2772	2776	2783	rBV2	11405	19033	0.88%	0.100%
55	19.768	2789	2796	2807	rBV	1546118	2165096	100.00%	11.414%
56	19.873	2811	2814	2817	rVV5	2954	2902	0.13%	0.015%
57	20.584	2932	2935	2936	rBV2	3990	3174	0.15%	0.017%
58	20.626	2940	2942	2944	rBV3	4241	3430	0.16%	0.018%
59	20.784	2963	2969	2974	rBV8	9498	22685	1.05%	0.120%
60	20.937	2993	2995	2997	rVB3	4950	3570	0.16%	0.019%
61	21.284	3048	3054	3067	rBV3	86194	239324	11.05%	1.262%
62	21.642	3108	3115	3122	rBV	698954	1148928	53.07%	6.057%
63	21.812	3142	3144	3145	rBV2	5961	2912	0.13%	0.015%
64	22.288	3223	3225	3227	rBV3	3331	3031	0.14%	0.016%
65	22.435	3246	3250	3255	rVB5	12387	17034	0.79%	0.090%
66	22.476	3255	3257	3258	rBV2	4309	3713	0.17%	0.020%
67	23.023	3347	3350	3352	rBV4	4303	5337	0.25%	0.028%
68	23.087	3360	3361	3362	rBV	5791	3583	0.17%	0.019%
69	23.117	3362	3366	3372	rVB4	23218	39138	1.81%	0.206%
70	23.728	3466	3470	3480	rVB4	11746	26771	1.24%	0.141%
71	23.910	3496	3501	3507	rBV5	28196	59677	2.76%	0.315%

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72	24.262	3560	3561	3564	rVB3	5582	3538	0.16%	0.019%
73	24.351	3574	3576	3578	rBV3	3605	4004	0.18%	0.021%
74	24.621	3610	3622	3634	rBV	827996	2116523	97.76%	11.158%
75	24.838	3648	3659	3670	rVB	426581	1194648	55.18%	6.298%
76	24.956	3676	3679	3680	rBV3	5078	5494	0.25%	0.029%
77	25.026	3689	3691	3695	rBV5	4895	6170	0.28%	0.033%
78	25.420	3756	3758	3760	rBV3	4141	2990	0.14%	0.016%
79	25.796	3820	3822	3823	rBV2	4325	3056	0.14%	0.016%
80	25.966	3843	3851	3861	rBV4	33655	99242	4.58%	0.523%
81	26.078	3869	3870	3871	rBV	5423	3493	0.16%	0.018%
82	26.201	3889	3891	3892	rBV2	4769	3875	0.18%	0.020%
83	26.278	3902	3904	3907	rVB4	6777	7045	0.33%	0.037%
84	26.307	3907	3909	3910	rBV2	5245	4237	0.20%	0.022%
85	26.336	3912	3914	3915	rBV2	4581	3713	0.17%	0.020%
86	26.566	3951	3953	3955	rBV2	3937	3369	0.16%	0.018%
87	26.771	3986	3988	3992	rVV5	5419	4670	0.22%	0.025%
88	27.312	4069	4080	4087	rBV6	27996	91893	4.24%	0.484%
89	28.046	4203	4205	4208	rVB3	4106	3876	0.18%	0.020%
90	28.199	4229	4231	4234	rBV4	4639	3950	0.18%	0.021%
91	28.234	4236	4237	4239	rVB2	4932	3072	0.14%	0.016%
92	28.610	4299	4301	4302	rBV2	4475	4264	0.20%	0.022%
93	29.445	4442	4443	4446	rVB3	4347	3358	0.16%	0.018%
94	29.909	4520	4522	4525	rBV3	3781	4018	0.19%	0.021%
95	30.302	4586	4589	4590	rBV3	4375	4517	0.21%	0.024%
96	30.467	4615	4617	4619	rBV3	4959	5573	0.26%	0.029%
97	31.184	4737	4739	4742	rBV3	4727	4603	0.21%	0.024%
98	31.554	4800	4802	4805	rBV4	5429	4476	0.21%	0.024%
99	31.842	4849	4851	4854	rBV3	4493	5204	0.24%	0.027%
100	32.406	4945	4947	4952	rVB6	4058	5433	0.25%	0.029%

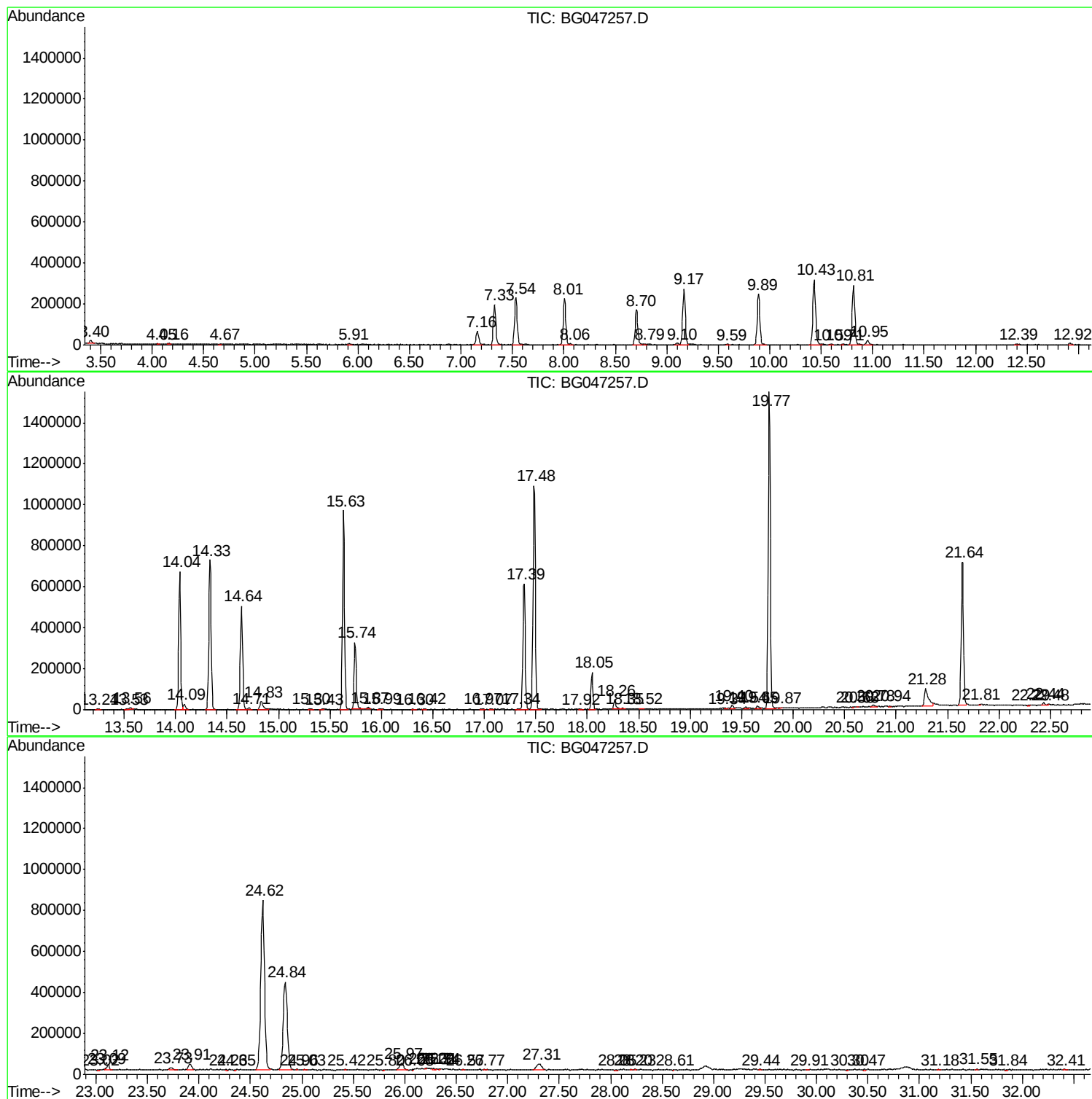
Sum of corrected areas: 18968547

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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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



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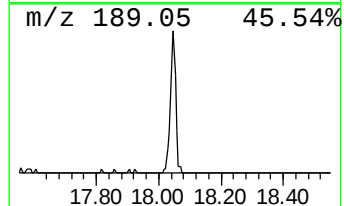
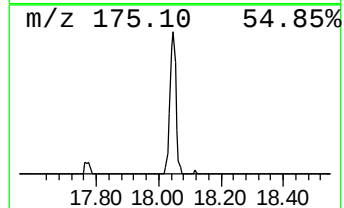
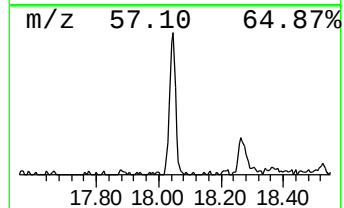
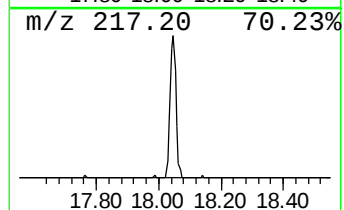
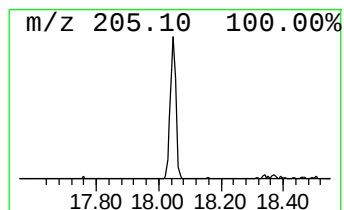
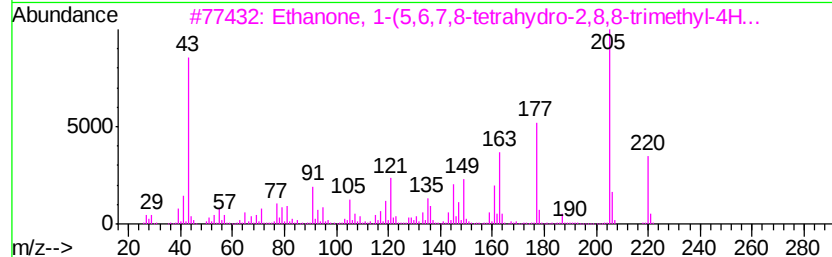
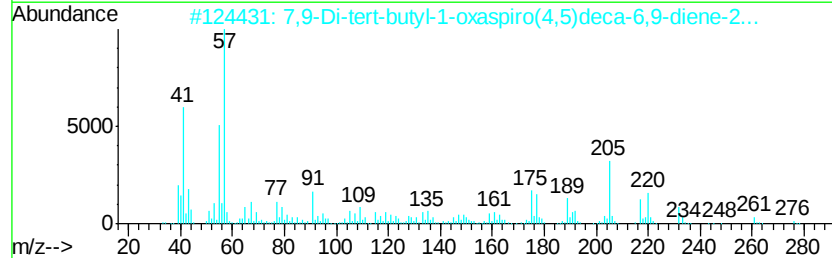
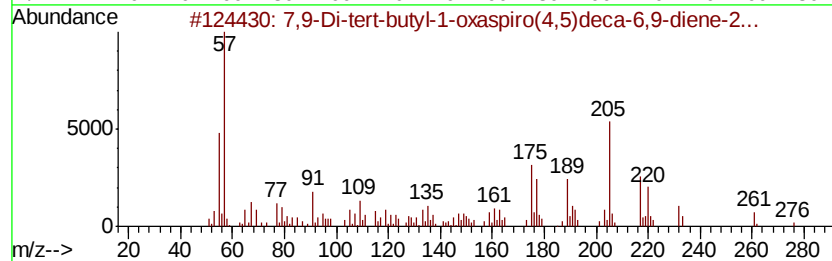
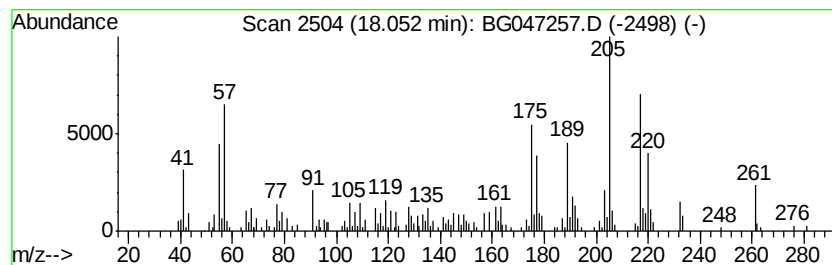
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	4.76 ng/ul	220414	Phenanthrene-d10	17.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	99
2		7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	97
3		Ethanone, 1-(5,6,7,8-tetrahydro-2H-benzo[5,6-b]pyridine-2-yl)-	220	C14H20O2	071596-88-8	45
4		2,5-Cyclohexadien-1-one, 2,6-bis(4-methylphenyl)-	232	C16H24O	006738-27-8	38
5		.alpha.-Bromo-4-acetylphenanthrene	298	C16H11BrO	026698-37-3	35



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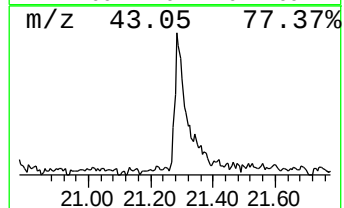
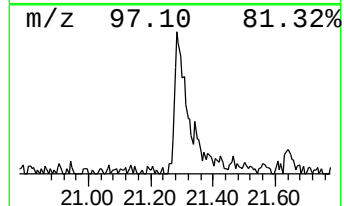
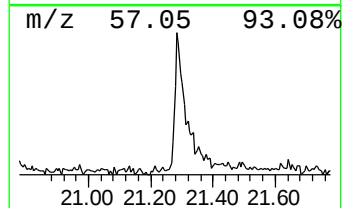
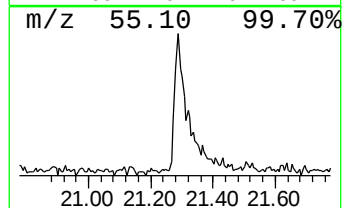
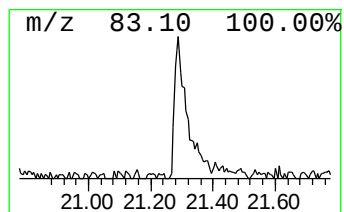
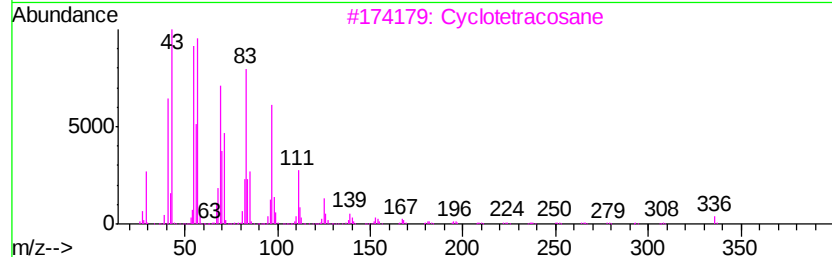
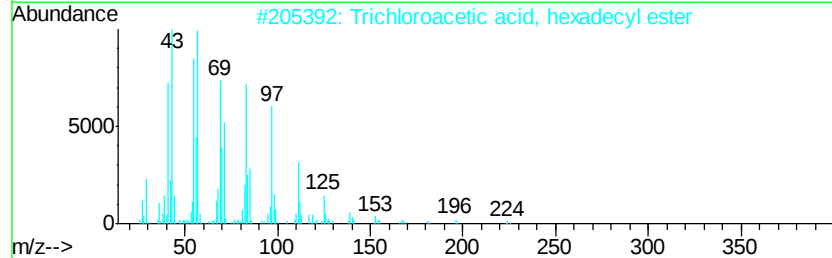
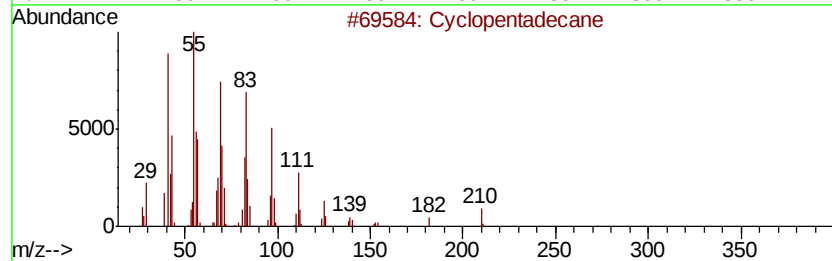
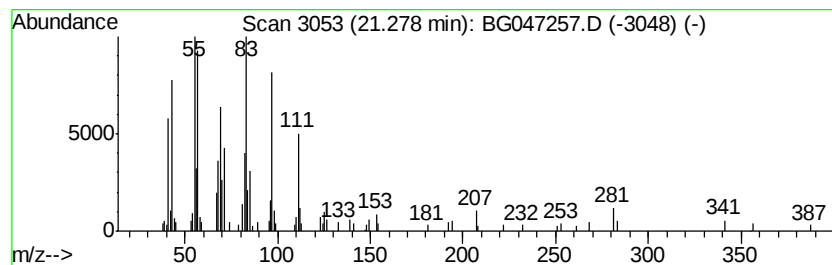
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Peak Number 2 (DEL) Alkane: Cyclic21.28 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.28	4.17 ng/ul	239324	Chrysene-d12	21.65		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclopentadecane	210	C15H30	000295-48-7	94
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
3		Cvclotetracosane	336	C24H48	000297-03-0	93
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5		Behenic alcohol	326	C22H46O	000661-19-8	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
7,9-Di-tert-butyl...	18.05	4.8	ng/ul	220414	4	17.39	927029	20.0
(DEL) Alkane: Cyc...	21.28	4.2	ng/ul	239324	5	21.65	1148930	20.0