

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
 Data File : BP001858.D
 Acq On : 24 Feb 2020 13:48
 Operator : CG/JU
 Sample : L1536-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CB6R8

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_P\METHODS\SOM-EPA-BP021820MA.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	3.017	19	22	25	rBV	52106	49528	0.47%	0.045%
2	3.046	25	27	28	rVV	19655	16268	0.16%	0.015%
3	3.070	28	31	34	rVV	33096	32223	0.31%	0.029%
4	3.111	34	38	43	rVV	843284	900709	8.60%	0.810%
5	3.158	43	46	54	rVB	77355	107460	1.03%	0.097%
6	3.434	89	93	98	rVB	46838	52568	0.50%	0.047%
7	3.893	166	171	177	rBV	38036	50767	0.48%	0.046%
8	4.087	201	204	212	rVB	8975	13367	0.13%	0.012%
9	4.252	229	232	236	rVB4	12387	16834	0.16%	0.015%
10	4.546	279	282	287	rVB	11513	14931	0.14%	0.013%
11	5.734	475	484	489	rBV5	21012	37416	0.36%	0.034%
12	6.828	656	670	684	rBV	1423290	2212767	21.13%	1.991%
13	6.987	691	697	713	rVB	1142411	1774117	16.94%	1.596%
14	7.187	723	731	747	rVB	1617964	2537833	24.23%	2.283%
15	7.358	756	760	764	rVB2	15877	22051	0.21%	0.020%
16	7.652	802	810	819	rBV	1239903	1925211	18.38%	1.732%
17	7.728	819	823	831	rVB	26469	41356	0.39%	0.037%
18	8.358	922	930	943	rVV	1808866	2925809	27.94%	2.632%
19	8.458	943	947	955	rVB5	10655	23257	0.22%	0.021%
20	8.793	992	1004	1018	rBV	1346557	2211364	21.11%	1.989%
21	8.975	1028	1035	1041	rBV	75197	118584	1.13%	0.107%
22	9.287	1082	1088	1095	rVV2	55677	84407	0.81%	0.076%
23	9.510	1119	1126	1134	rBV	1136325	1857866	17.74%	1.671%
24	9.852	1177	1184	1189	rBV8	10249	19158	0.18%	0.017%
25	10.052	1210	1218	1231	rBV	1916470	3222048	30.77%	2.898%
26	10.140	1231	1233	1238	rVV6	9592	15122	0.14%	0.014%
27	10.222	1242	1247	1252	rVB6	9405	15596	0.15%	0.014%
28	10.422	1273	1281	1289	rBV	1632137	2743962	26.20%	2.468%
29	10.557	1296	1304	1322	rBV	1716506	2967070	28.33%	2.669%
30	11.499	1458	1464	1470	rVB	5433	13989	0.13%	0.013%
31	11.787	1507	1513	1521	rVB4	10610	21569	0.21%	0.019%
32	11.893	1521	1531	1536	rBV4	11697	28113	0.27%	0.025%
33	12.016	1547	1552	1559	rVB	40782	70742	0.68%	0.064%
34	12.904	1698	1703	1707	rBV3	9810	13078	0.12%	0.012%

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35	13.146	1737	1744	1747	rBV	23987	31518	0.30%	0.028%
36	13.269	1758	1765	1773	rVB8	7291	17371	0.17%	0.016%
37	13.704	1832	1839	1844	rBV	3406256	4754234	45.39%	4.277%
38	13.746	1844	1846	1853	rVB	139842	178572	1.71%	0.161%
39	13.975	1872	1885	1896	rBV	3997159	6158751	58.81%	5.540%
40	14.228	1924	1928	1931	rVB	14910	17906	0.17%	0.016%
41	14.287	1931	1938	1946	rBV	2693308	4012704	38.31%	3.610%
42	14.351	1946	1949	1955	rVB8	10014	15915	0.15%	0.014%
43	14.487	1965	1972	1985	rBV	1516395	2192848	20.94%	1.973%
44	14.687	2004	2006	2016	rVB5	8458	19117	0.18%	0.017%
45	15.122	2075	2080	2086	rBV2	23252	32386	0.31%	0.029%
46	15.181	2086	2090	2095	rVB2	15161	20649	0.20%	0.019%
47	15.287	2101	2108	2115	rBV	5409167	7734109	73.85%	6.957%
48	15.404	2122	2128	2141	rBV	1332715	1913495	18.27%	1.721%
49	15.528	2144	2149	2157	rVB	64290	102595	0.98%	0.092%
50	15.887	2208	2210	2216	rVB7	9843	12238	0.12%	0.011%
51	15.987	2224	2227	2234	rVV3	15523	32075	0.31%	0.029%
52	16.045	2234	2237	2239	rVV2	14792	18664	0.18%	0.017%
53	16.075	2239	2242	2247	rVB2	28781	40034	0.38%	0.036%
54	16.198	2259	2263	2269	rBV8	7064	12113	0.12%	0.011%
55	16.722	2349	2352	2357	rVB2	13431	19597	0.19%	0.018%
56	16.834	2366	2371	2379	rVB4	20940	55523	0.53%	0.050%
57	17.039	2396	2406	2411	rBV	3568801	5103668	48.73%	4.591%
58	17.081	2411	2413	2417	rVV	116355	142031	1.36%	0.128%
59	17.139	2417	2423	2438	rVB2	5941311	8436226	80.55%	7.589%
60	17.357	2456	2460	2466	rBV2	9188	18154	0.17%	0.016%
61	17.457	2472	2477	2483	rVB4	22110	34377	0.33%	0.031%
62	17.581	2494	2498	2501	rBV4	10181	13921	0.13%	0.013%
63	17.751	2523	2527	2531	rVB3	13727	16318	0.16%	0.015%
64	17.916	2551	2555	2558	rBV3	18595	24624	0.24%	0.022%
65	17.963	2559	2563	2568	rVV	17765	32220	0.31%	0.029%
66	18.028	2569	2574	2579	rVV	114396	168081	1.60%	0.151%
67	18.104	2583	2587	2590	rVV2	19716	35201	0.34%	0.032%
68	18.134	2590	2592	2601	rVB6	16532	26476	0.25%	0.024%
69	18.251	2608	2612	2617	rBV2	31295	45959	0.44%	0.041%
70	18.386	2631	2635	2641	rBV6	20106	41092	0.39%	0.037%
71	18.704	2687	2689	2693	rVB5	15348	15865	0.15%	0.014%

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72	18.798	2702	2705	2711	rVB6	19547	33416	0.32%	0.030%
73	18.869	2714	2717	2727	rVB7	19297	33283	0.32%	0.030%
74	19.028	2740	2744	2746	rBV	85596	107845	1.03%	0.097%
75	19.057	2746	2749	2755	rVB	197402	262574	2.51%	0.236%
76	19.275	2781	2786	2792	rBV	68584	101849	0.97%	0.092%
77	19.386	2797	2805	2815	rBV	7530651	10473044	100.00%	9.421%
78	19.463	2816	2818	2821	rVV3	14855	15029	0.14%	0.014%
79	19.951	2898	2901	2904	rVB2	39549	39025	0.37%	0.035%
80	20.433	2980	2983	2986	rBV	57552	61146	0.58%	0.055%
81	20.875	3053	3058	3067	rBV	753235	1110282	10.60%	0.999%
82	21.075	3088	3092	3096	rVB	174484	183282	1.75%	0.165%
83	21.133	3096	3102	3107	rBV	4909220	6202873	59.23%	5.580%
84	21.251	3118	3122	3129	rVB	173411	235479	2.25%	0.212%
85	21.310	3129	3132	3136	rBV	180852	194701	1.86%	0.175%
86	21.745	3202	3206	3216	rVB2	340454	514549	4.91%	0.463%
87	21.998	3245	3249	3252	rBV	122824	156767	1.50%	0.141%
88	22.210	3281	3285	3290	rBV	336584	429702	4.10%	0.387%
89	22.333	3303	3306	3313	rVB	128628	186546	1.78%	0.168%
90	22.433	3319	3323	3329	rVB	151659	212083	2.03%	0.191%
91	22.716	3367	3371	3375	rBV	682820	981142	9.37%	0.883%
92	22.751	3375	3377	3388	rVB	209833	334589	3.19%	0.301%
93	23.210	3447	3455	3463	rBV	5691327	10292597	98.28%	9.259%
94	23.286	3464	3468	3472	rVV	427431	719827	6.87%	0.648%
95	23.345	3472	3478	3489	rVB	3199172	6103512	58.28%	5.490%
96	23.939	3573	3579	3587	rVB	849149	1656507	15.82%	1.490%
97	24.016	3588	3592	3602	rVB2	143109	296030	2.83%	0.266%
98	24.692	3703	3707	3718	rVB	357419	749448	7.16%	0.674%
99	25.574	3850	3857	3868	rVB2	416090	1103627	10.54%	0.993%
100	26.421	3995	4001	4018	rVB4	217010	670647	6.40%	0.603%

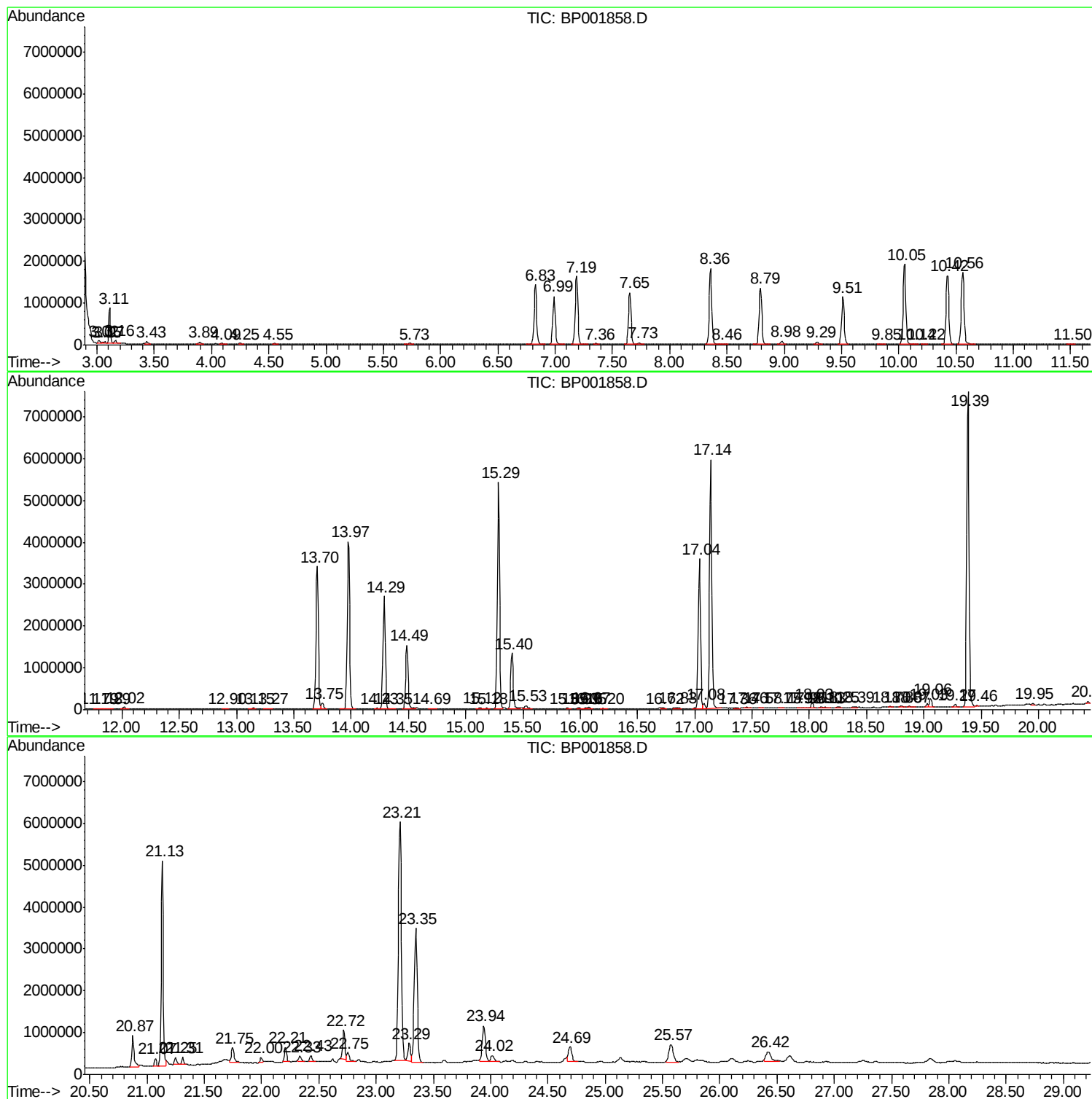
Sum of corrected areas: 111165168

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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



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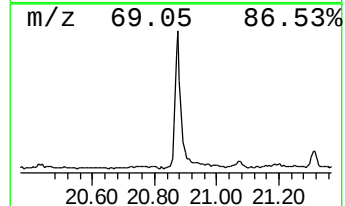
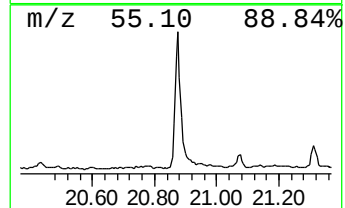
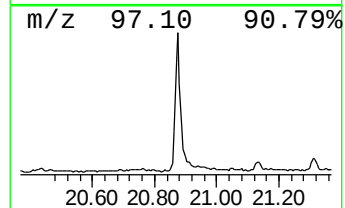
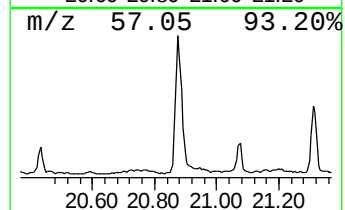
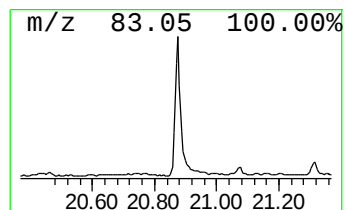
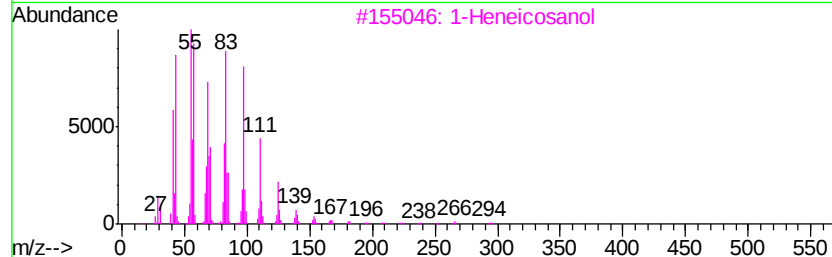
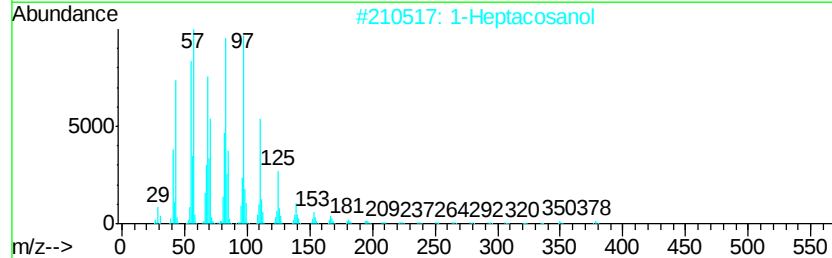
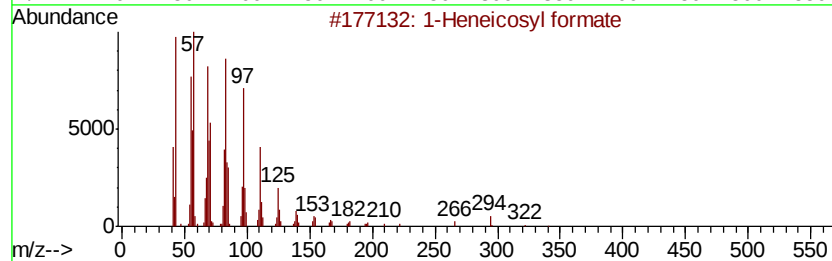
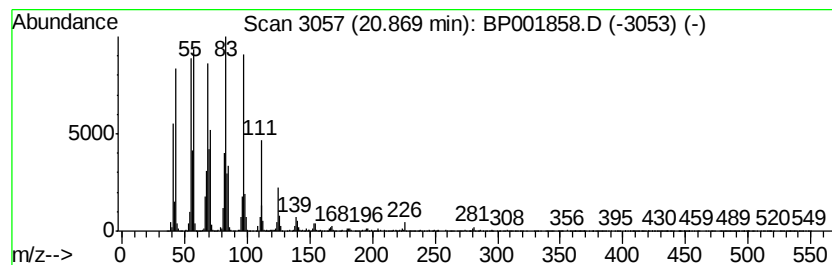
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	3.58 ng/ul	1110280	Chrysene-d12	21.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate		340	C22H44O2	077899-03-7	97
2	1-Heptacosanol		396	C27H56O	002004-39-9	95
3	1-Heneicosanol		312	C21H44O	015594-90-8	95
4	Cyclooctacosane		392	C28H56	000297-24-5	94
5	n-Nonadecanol-1		284	C19H40O	001454-84-8	94



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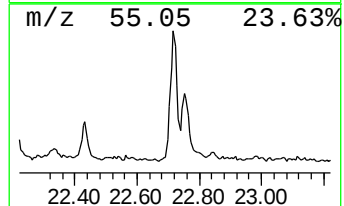
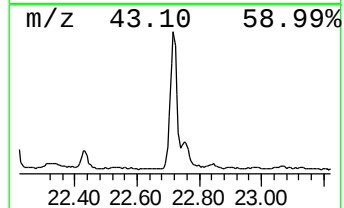
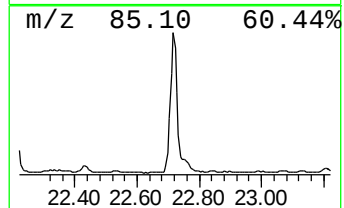
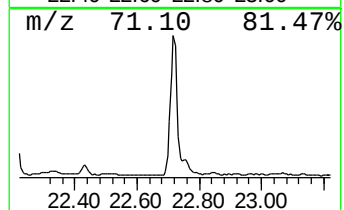
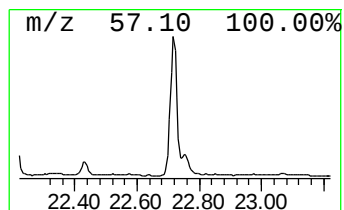
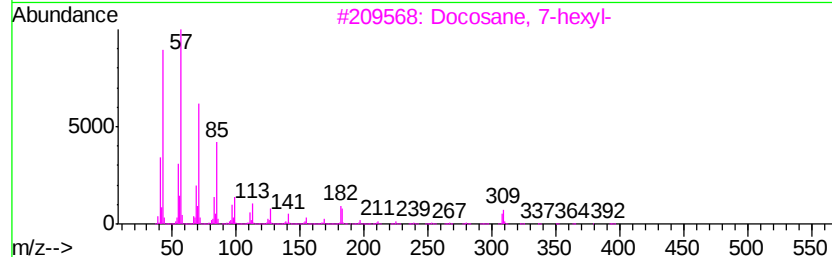
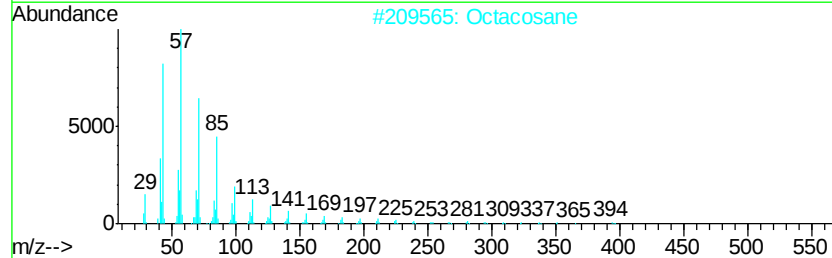
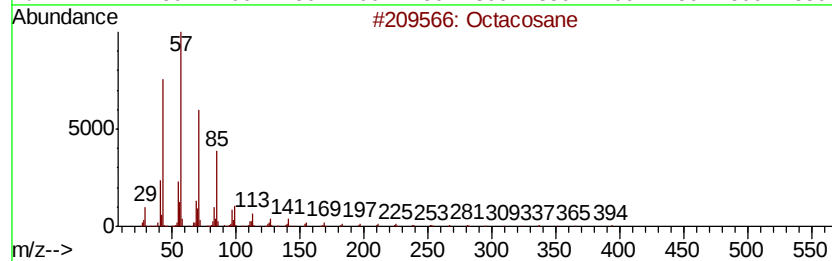
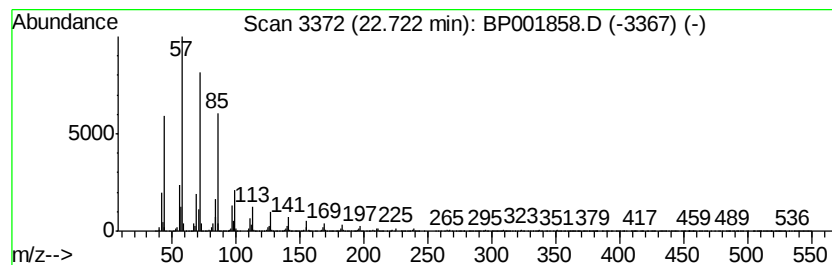
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.72	3.22 ng/ul	981142	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	99
2		Octacosane	394	C28H58	000630-02-4	94
3		Docosane, 7-hexyl-	394	C28H58	055373-86-9	94
4		Eicosane	282	C20H42	000112-95-8	94
5		Heptadecane	240	C17H36	000629-78-7	94



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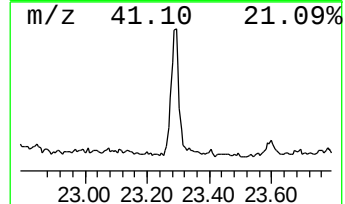
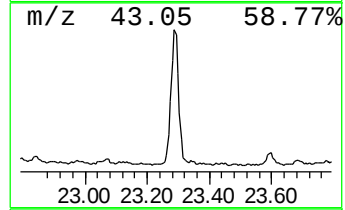
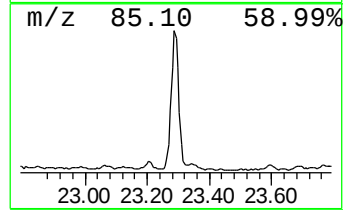
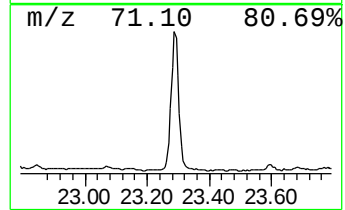
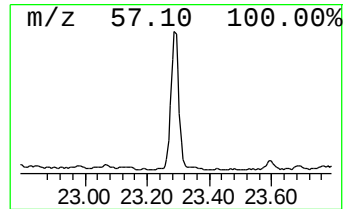
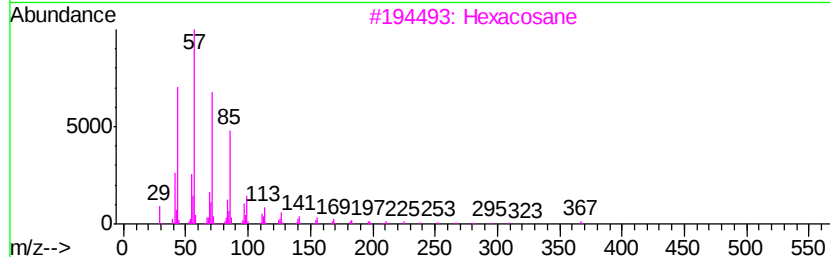
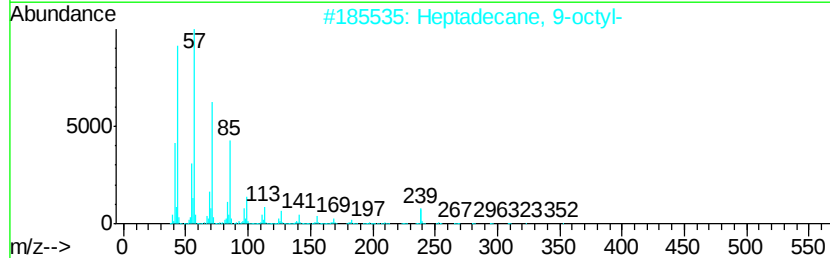
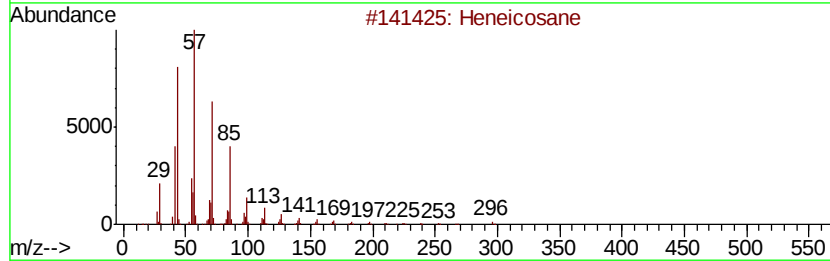
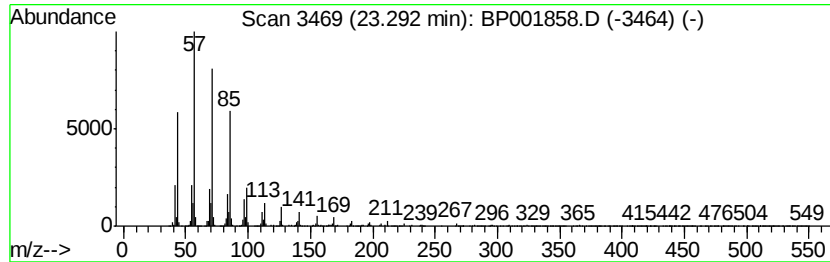
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.29	2.36 ng/ul	719827	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3		Hexacosane	366	C26H54	000630-01-3	94
4		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94
5		Heneicosane	296	C21H44	000629-94-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001858.D
Acq On : 24 Feb 2020 13:48
Operator : CG/JU
Sample : L1536-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB6R8

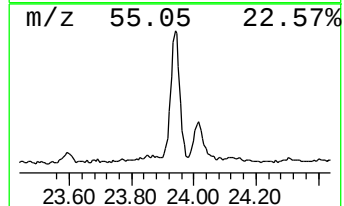
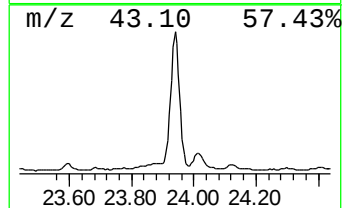
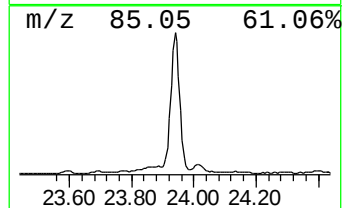
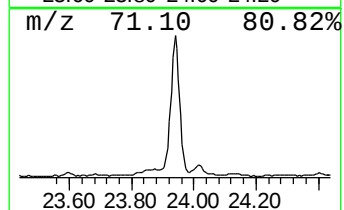
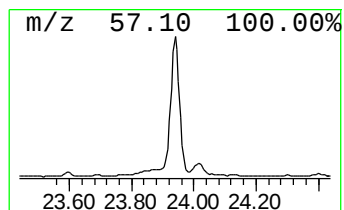
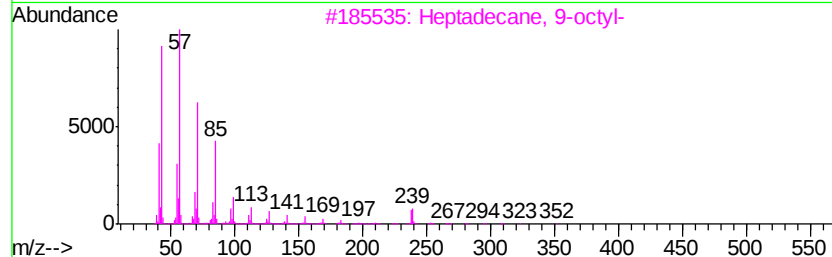
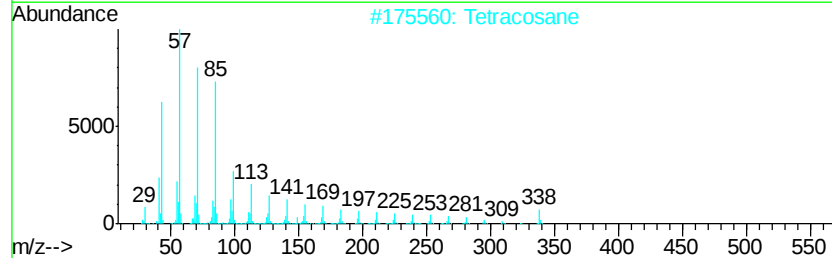
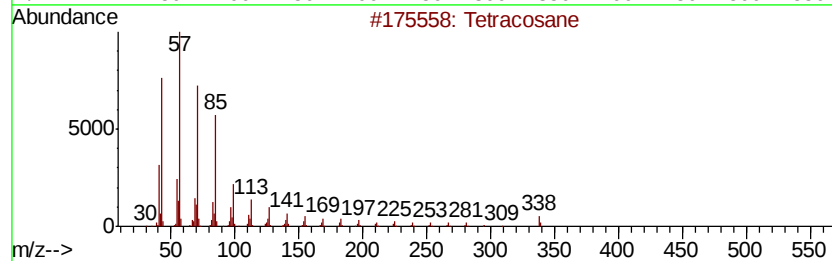
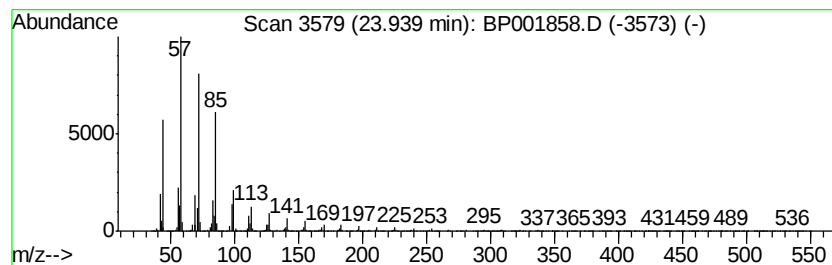
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	5.43 ng/ul	1656510	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	98
2		Tetracosane	338	C24H50	000646-31-1	95
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
4		Heptadecane	240	C17H36	000629-78-7	94
5		triacontane	422	C30H62	000638-68-6	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001858.D
Acq On : 24 Feb 2020 13:48
Operator : CG/JU
Sample : L1536-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB6R8

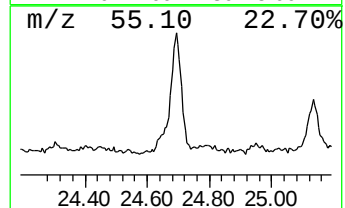
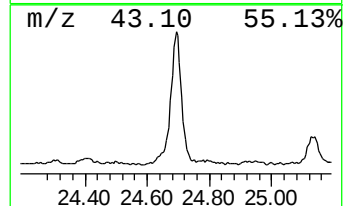
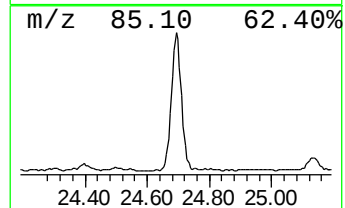
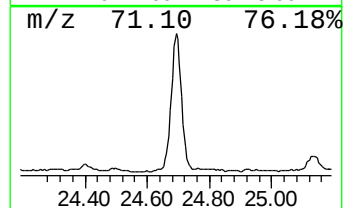
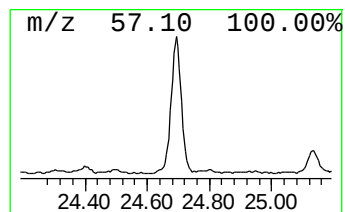
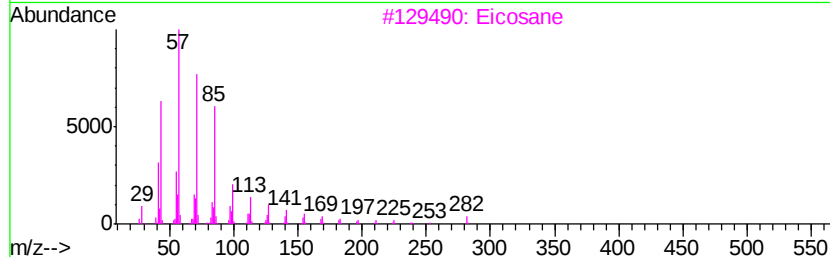
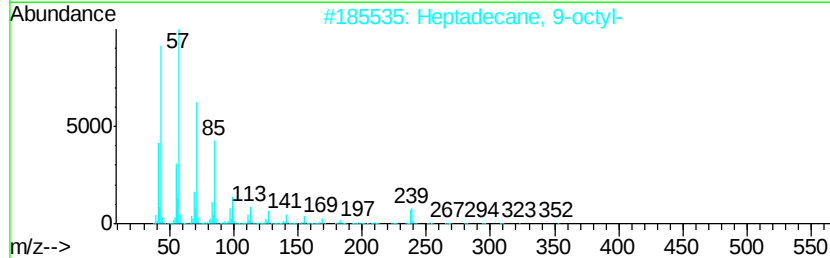
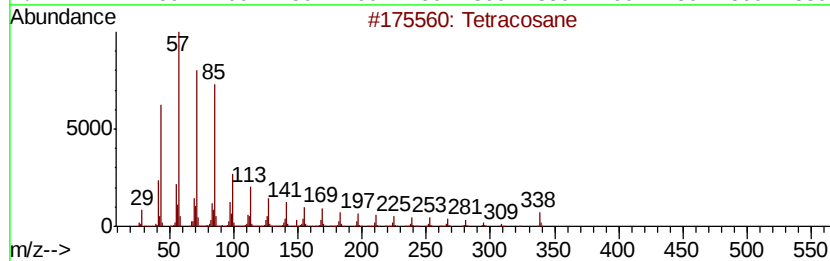
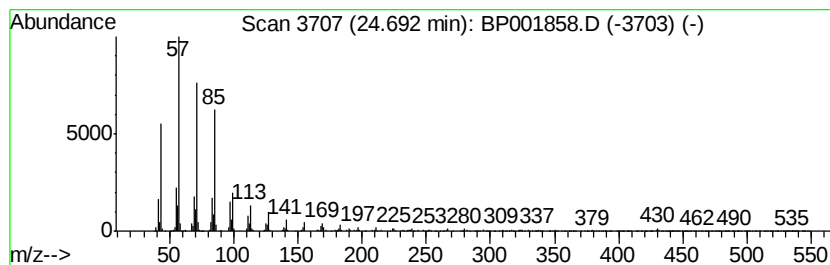
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.69	2.46 ng/ul	749448	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	95
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3		Eicosane	282	C20H42	000112-95-8	93
4		Heneicosane	296	C21H44	000629-94-7	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001858.D
Acq On : 24 Feb 2020 13:48
Operator : CG/JU
Sample : L1536-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB6R8

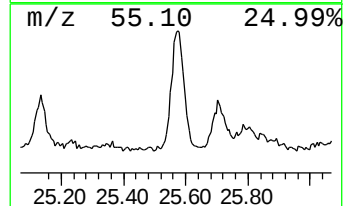
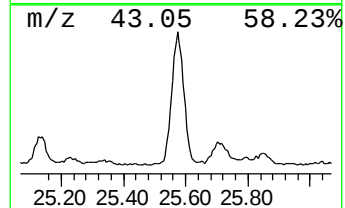
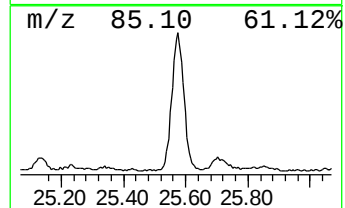
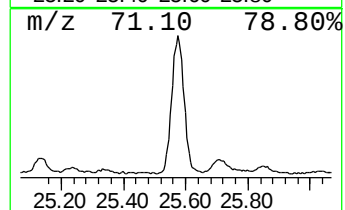
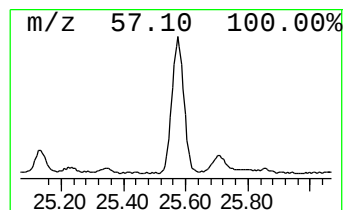
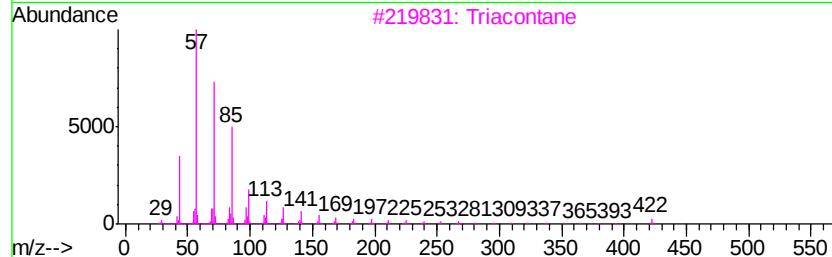
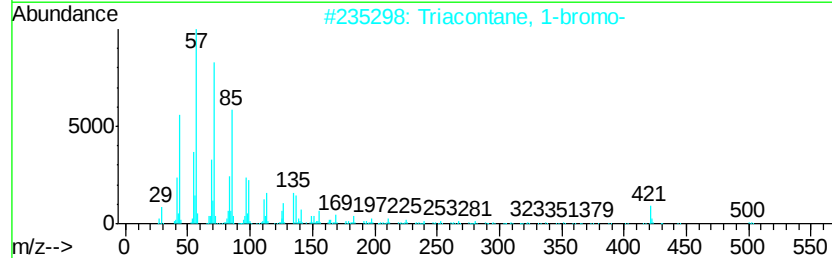
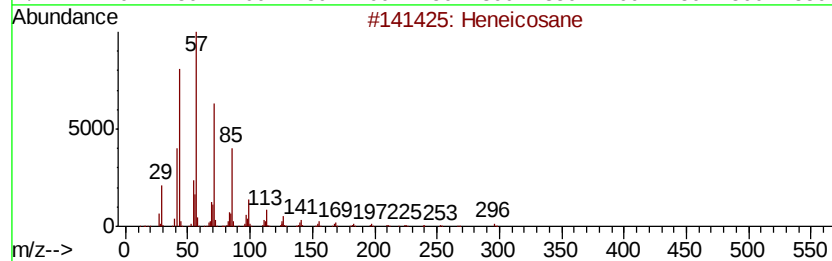
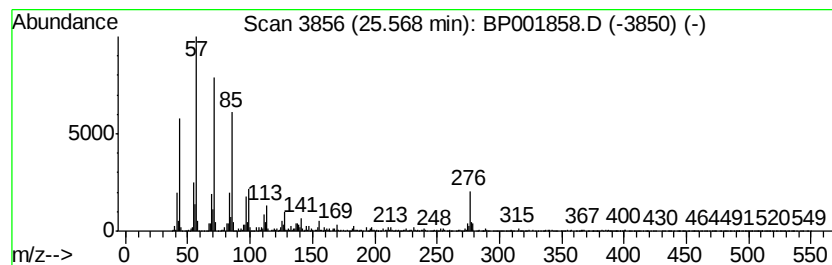
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.57	3.62 ng/ul	1103630	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Triacotane, 1-bromo-	500	C30H61Br	004209-22-7	96
3		Triacotane	422	C30H62	000638-68-6	95
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
5		Octadecane	254	C18H38	000593-45-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001858.D
Acq On : 24 Feb 2020 13:48
Operator : CG/JU
Sample : L1536-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

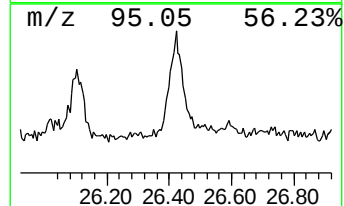
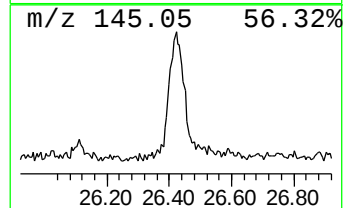
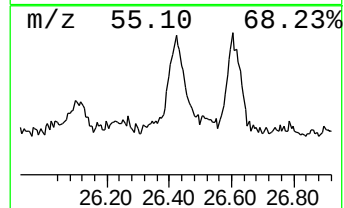
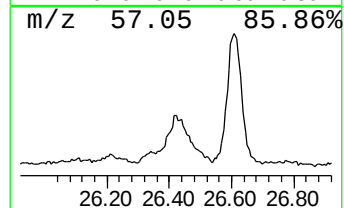
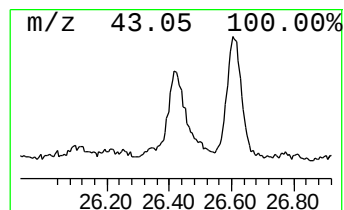
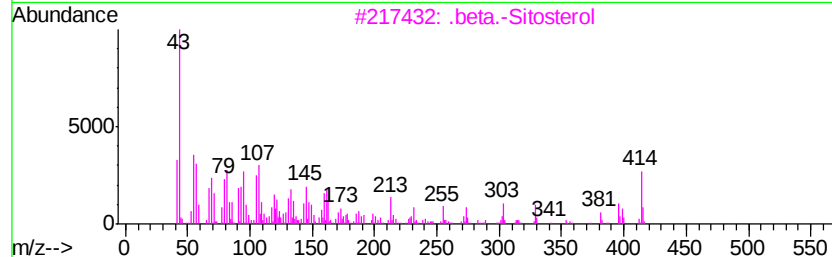
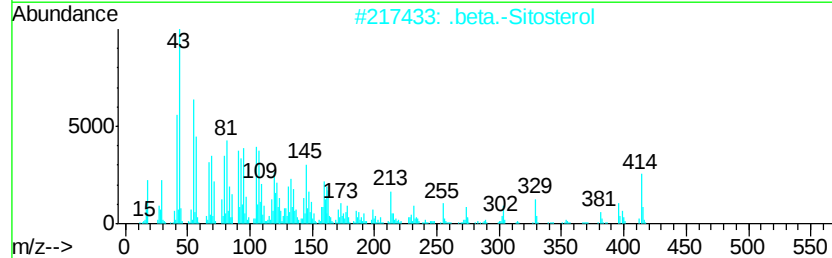
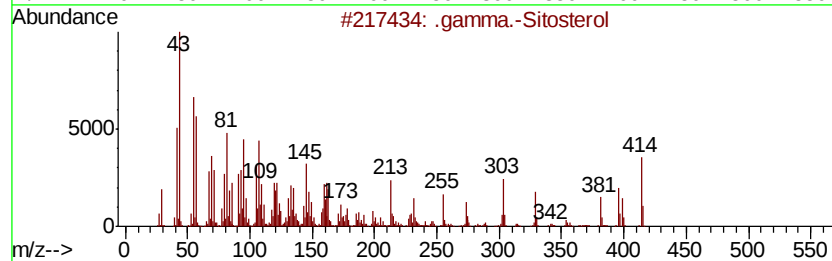
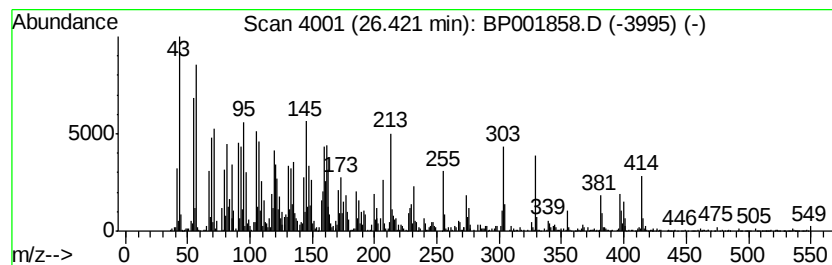
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 .gamma.-Sitosterol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.42	2.20 ng/ul	670647	Perylene-d12	23.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.gamma.-Sitosterol	414 C29H50O	000083-47-6 98
2		.beta.-Sitosterol	414 C29H50O	000083-46-5 78
3		.beta.-Sitosterol	414 C29H50O	000083-46-5 78
4		Ergost-5-en-3-ol, (3.beta.)-	400 C28H48O	004651-51-8 32
5		.gamma.-Sitosterol	414 C29H50O	000083-47-6 12



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022420\
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Operator : CG/JU
Sample : L1536-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB6R8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Heneicosyl formate	20.87	3.6	ng/ul	1110280	5	21.13	6202870	20.0
(DEL) Alkane: Str...	22.72	3.2	ng/ul	981142	6	23.34	6103510	20.0
(DEL) Alkane: Str...	23.29	2.4	ng/ul	719827	6	23.34	6103510	20.0
(DEL) Alkane: Str...	23.94	5.4	ng/ul	1656510	6	23.34	6103510	20.0
(DEL) Alkane: Str...	24.69	2.5	ng/ul	749448	6	23.34	6103510	20.0
(DEL) Alkane: Str...	25.57	3.6	ng/ul	1103630	6	23.34	6103510	20.0
.gamma.-Sitosterol	26.42	2.2	ng/ul	670647	6	23.34	6103510	20.0