

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
 Data File : BN009941.D
 Acq On : 26 Feb 2020 22:55
 Operator : CG/JU
 Sample : L1612-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBDL4

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_N\METHODS\SOM-EPA-BN021220MA.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	3.928	158	160	162	rBV2	3584	2659	0.17%	0.015%
2	4.234	210	212	215	rVV3	4301	4824	0.30%	0.027%
3	4.281	218	220	221	rBV2	4149	3710	0.23%	0.021%
4	4.587	267	272	277	rVV2	21633	35314	2.22%	0.198%
5	4.946	331	333	335	rBV2	2241	2040	0.13%	0.011%
6	5.170	367	371	375	rVB5	3204	4277	0.27%	0.024%
7	5.205	375	377	380	rBV4	2874	2110	0.13%	0.012%
8	6.587	607	612	631	rBV	159664	309431	19.44%	1.738%
9	6.740	633	638	649	rBV	132448	225186	14.15%	1.265%
10	6.922	664	669	681	rBV	176547	308823	19.40%	1.735%
11	7.016	684	685	688	rVB3	2794	2286	0.14%	0.013%
12	7.146	705	707	713	rBV5	1218	2197	0.14%	0.012%
13	7.264	725	727	730	rBV2	1734	2382	0.15%	0.013%
14	7.381	740	747	762	rVV	367201	605274	38.02%	3.400%
15	8.105	864	870	882	rBV	182450	333134	20.93%	1.872%
16	8.216	886	889	893	rBV4	6653	9853	0.62%	0.055%
17	8.534	935	943	953	rBV	173318	324183	20.37%	1.821%
18	8.734	973	977	980	rBV4	2074	2488	0.16%	0.014%
19	8.852	994	997	1003	rVB5	1577	3478	0.22%	0.020%
20	8.958	1014	1015	1020	rVB3	4419	4744	0.30%	0.027%
21	9.246	1058	1064	1077	rBV	133548	254076	15.96%	1.427%
22	9.493	1103	1106	1108	rVV3	1805	2143	0.13%	0.012%
23	9.569	1118	1119	1123	rBV3	2051	2164	0.14%	0.012%
24	9.781	1147	1155	1170	rBV	150492	342435	21.51%	1.924%
25	9.887	1172	1173	1177	rBV2	3327	3303	0.21%	0.019%
26	10.128	1205	1214	1226	rBV	537070	882800	55.46%	4.959%
27	10.299	1236	1243	1266	rBV	107929	311572	19.57%	1.750%
28	10.446	1266	1268	1273	rVB	1677	2532	0.16%	0.014%
29	11.281	1406	1410	1413	rBV3	1833	2611	0.16%	0.015%
30	11.493	1444	1446	1449	rBV2	1880	2441	0.15%	0.014%
31	11.775	1491	1494	1496	rBV2	2204	2871	0.18%	0.016%
32	11.999	1529	1532	1537	rVB4	1574	2509	0.16%	0.014%
33	12.304	1580	1584	1587	rVB3	1421	2198	0.14%	0.012%
34	12.375	1591	1596	1599	rBV5	1968	4082	0.26%	0.023%

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35	12.740	1654	1658	1664	rBV4	3215	5192	0.33%	0.029%
36	12.940	1687	1692	1694	rVV4	3427	5060	0.32%	0.028%
37	13.016	1702	1705	1708	rBV3	2232	3399	0.21%	0.019%
38	13.451	1773	1779	1785	rVV	385441	601384	37.78%	3.379%
39	13.498	1785	1787	1796	rVB	38490	62561	3.93%	0.351%
40	13.710	1817	1823	1832	rBV	438299	652747	41.01%	3.667%
41	13.963	1863	1866	1870	rBV5	2110	2988	0.19%	0.017%
42	14.022	1870	1876	1889	rVV2	815754	1174062	73.75%	6.596%
43	14.298	1917	1923	1936	rBV4	51337	162123	10.18%	0.911%
44	14.387	1936	1938	1943	rVB5	6359	8421	0.53%	0.047%
45	14.504	1955	1958	1961	rBV4	3422	3841	0.24%	0.022%
46	14.563	1966	1968	1971	rVB3	2461	2506	0.16%	0.014%
47	14.863	2016	2019	2021	rVB3	2110	2098	0.13%	0.012%
48	14.922	2024	2029	2033	rBV6	3017	4341	0.27%	0.024%
49	15.028	2042	2047	2058	rVV	569422	854199	53.66%	4.799%
50	15.198	2071	2076	2087	rBV	104518	203969	12.81%	1.146%
51	15.357	2100	2103	2106	rVB4	2015	2329	0.15%	0.013%
52	15.451	2116	2119	2122	rBV	2568	3354	0.21%	0.019%
53	15.781	2173	2175	2178	rBV4	2957	3617	0.23%	0.020%
54	16.128	2232	2234	2238	rBV2	2218	3251	0.20%	0.018%
55	16.581	2307	2311	2316	rBV5	4440	7546	0.47%	0.042%
56	16.634	2316	2320	2322	rVB4	2277	2966	0.19%	0.017%
57	16.781	2339	2345	2356	rVV	1030037	1402937	88.13%	7.882%
58	16.881	2356	2362	2379	rVV	586443	921766	57.90%	5.178%
59	17.098	2395	2399	2404	rVB4	1825	3188	0.20%	0.018%
60	17.198	2408	2416	2425	rBV6	8724	21266	1.34%	0.119%
61	17.392	2446	2449	2452	rVB4	1736	2359	0.15%	0.013%
62	17.710	2499	2503	2510	rBV4	27769	46466	2.92%	0.261%
63	17.863	2526	2529	2532	rBV4	2452	2904	0.18%	0.016%
64	17.898	2532	2535	2537	rVV4	2631	2780	0.17%	0.016%
65	17.945	2539	2543	2544	rVV3	2006	2464	0.15%	0.014%
66	18.010	2552	2554	2558	rVB4	3102	3448	0.22%	0.019%
67	18.139	2574	2576	2580	rBV3	5641	5608	0.35%	0.032%
68	18.328	2606	2608	2611	rVB2	1915	2029	0.13%	0.011%
69	18.386	2616	2618	2620	rBV4	2146	2096	0.13%	0.012%
70	18.481	2633	2634	2637	rVB3	2741	2613	0.16%	0.015%
71	18.516	2637	2640	2642	rBV2	3598	4335	0.27%	0.024%

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72	18.539	2642	2644	2646	rVB3	3139	2084	0.13%	0.012%
73	18.575	2646	2650	2651	rBV4	5049	6032	0.38%	0.034%
74	18.781	2684	2685	2687	rBV2	3529	3298	0.21%	0.019%
75	18.828	2690	2693	2695	rVV3	6831	8298	0.52%	0.047%
76	18.863	2695	2699	2703	rVV2	11950	17361	1.09%	0.098%
77	18.898	2703	2705	2707	rVB3	2897	2361	0.15%	0.013%
78	18.945	2711	2713	2714	rBV	3210	2448	0.15%	0.014%
79	19.016	2721	2725	2732	rVB7	8263	14886	0.94%	0.084%
80	19.081	2732	2736	2740	rBV4	5931	9679	0.61%	0.054%
81	19.192	2749	2755	2766	rVV2	749255	1124173	70.62%	6.315%
82	19.281	2768	2770	2773	rVB4	4614	3601	0.23%	0.020%
83	19.445	2794	2798	2800	rBV5	7508	9414	0.59%	0.053%
84	19.581	2819	2821	2823	rBV3	3702	3051	0.19%	0.017%
85	19.745	2846	2849	2853	rBV5	11148	13570	0.85%	0.076%
86	20.139	2914	2916	2918	rBV3	5377	4459	0.28%	0.025%
87	20.275	2937	2939	2945	rBV5	11307	15880	1.00%	0.089%
88	20.739	3014	3018	3025	rBV	174978	224840	14.12%	1.263%
89	21.004	3057	3063	3074	rBV	1131260	1591860	100.00%	8.943%
90	21.186	3091	3094	3098	rBV	52229	55770	3.50%	0.313%
91	21.604	3162	3165	3172	rVB2	99351	125887	7.91%	0.707%
92	22.033	3235	3238	3243	rVB	133536	154702	9.72%	0.869%
93	22.504	3313	3318	3322	rBV	254156	340476	21.39%	1.913%
94	22.969	3392	3397	3402	rBV	574300	993096	62.39%	5.579%
95	23.016	3402	3405	3411	rVB	227447	328307	20.62%	1.844%
96	23.104	3413	3420	3434	rVB	827701	1557499	97.84%	8.750%
97	23.598	3499	3504	3511	rVB	211169	347102	21.80%	1.950%
98	23.674	3513	3517	3522	rVB4	78212	130788	8.22%	0.735%
99	24.263	3613	3617	3626	rVB2	148986	285274	17.92%	1.603%
100	24.663	3681	3685	3692	rVB3	121671	219705	13.80%	1.234%

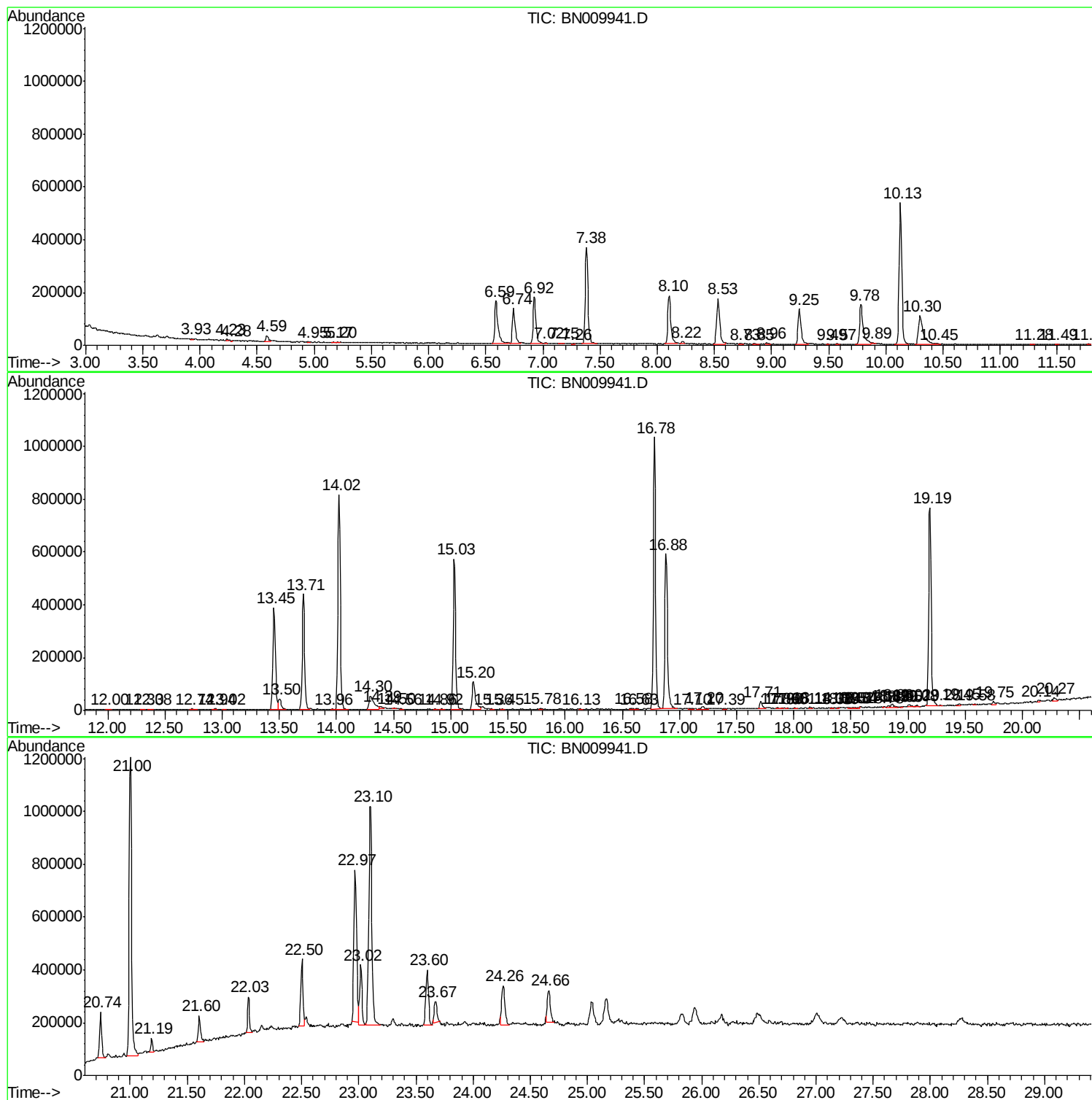
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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



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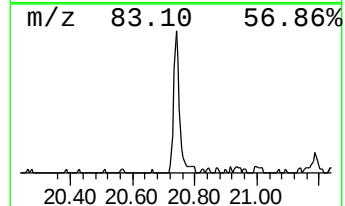
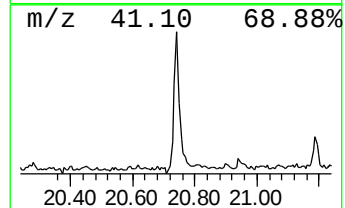
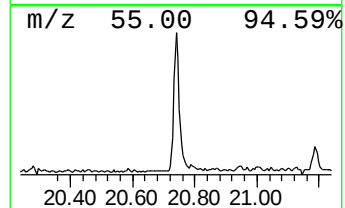
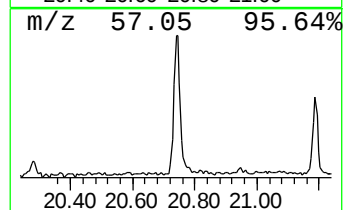
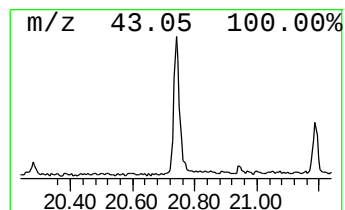
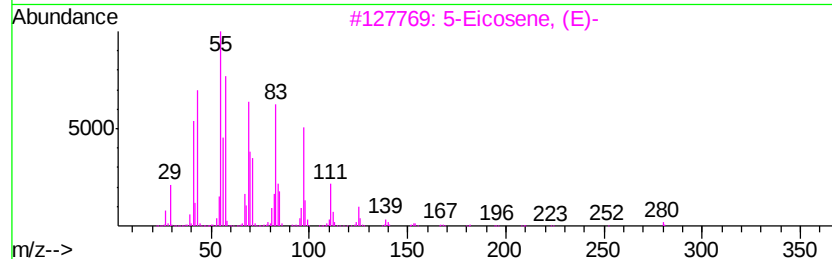
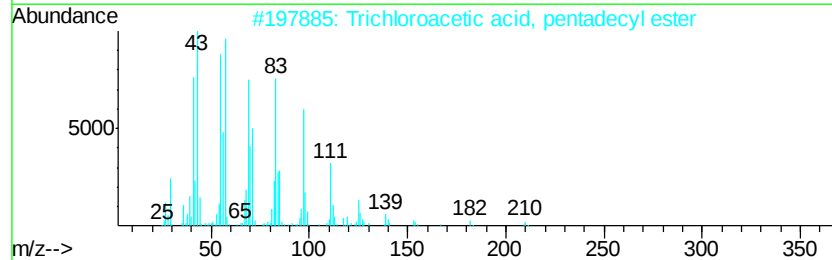
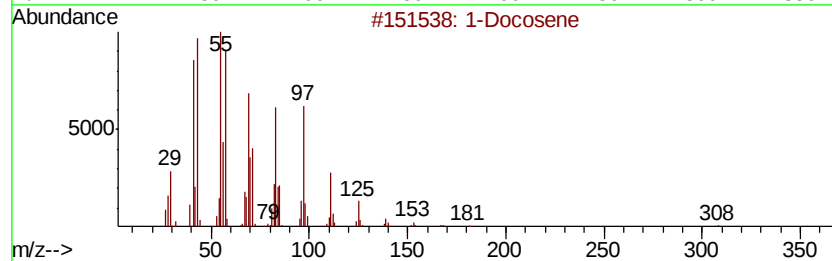
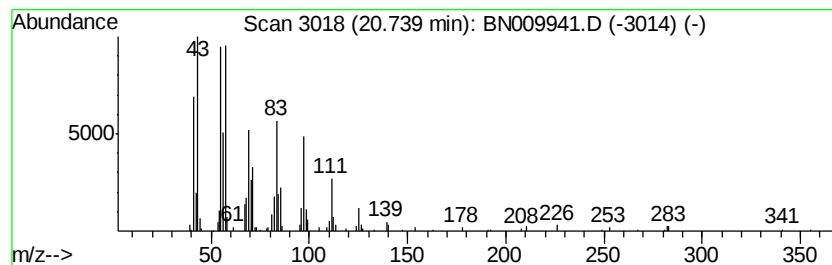
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	2.82 ng/ul	224840	Chrysene-d12	21.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Docosene	308	C22H44	001599-67-3	93
2			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3			5-Eicosene, (E)-	280	C20H40	074685-30-6	91
4			Cyclotetracosane	336	C24H48	000297-03-0	91
5			Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	90



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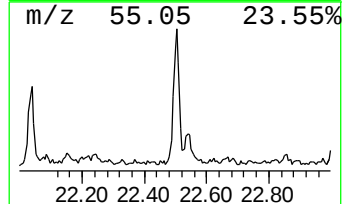
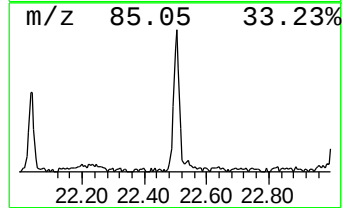
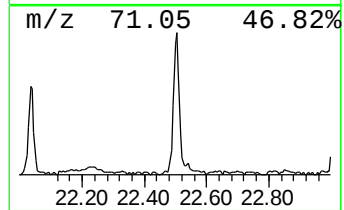
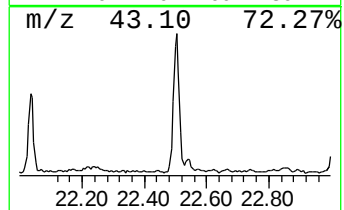
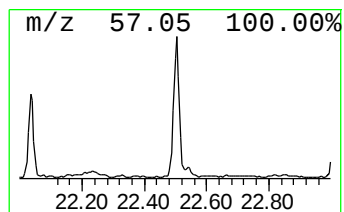
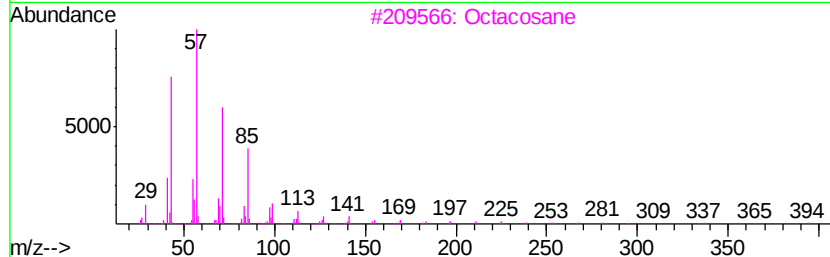
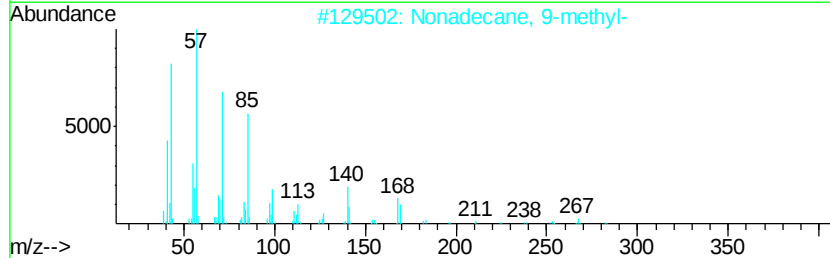
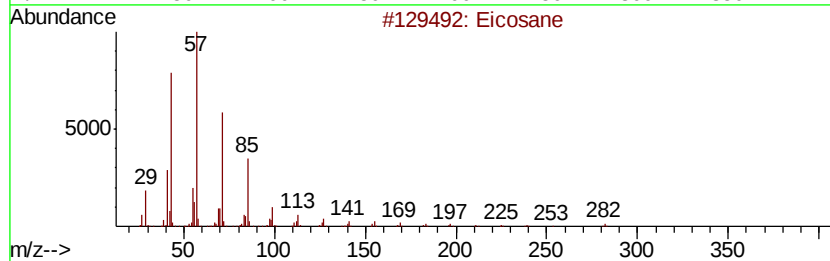
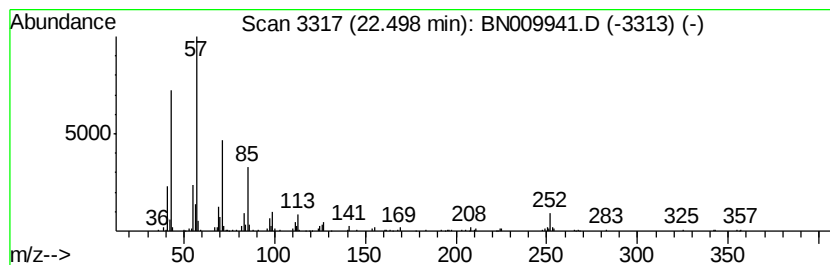
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	4.37 ng/ul	340476	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87
3		Octacosane	394	C28H58	000630-02-4	81
4		Decane, 1-iodo-	268	C10H21I	002050-77-3	76
5		Heptacosane	380	C27H56	000593-49-7	76



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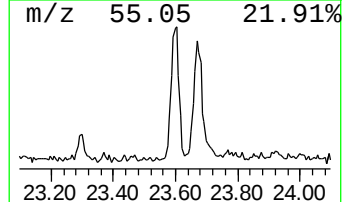
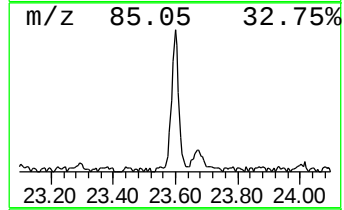
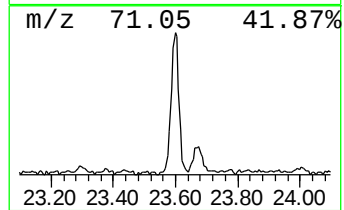
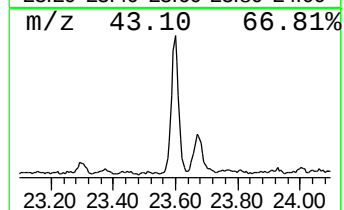
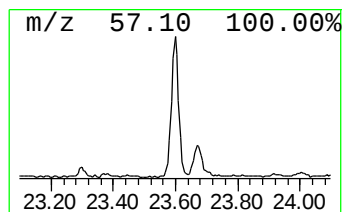
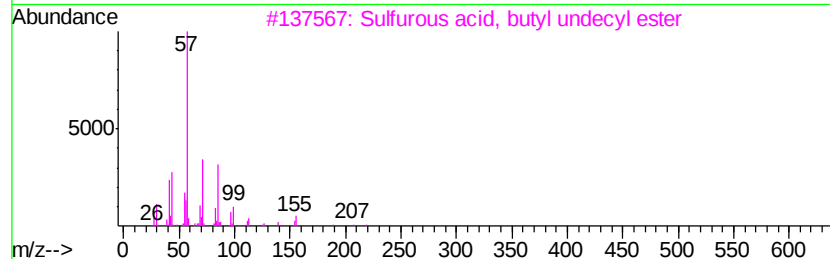
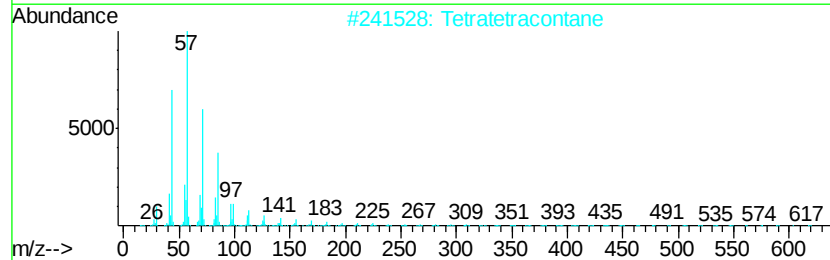
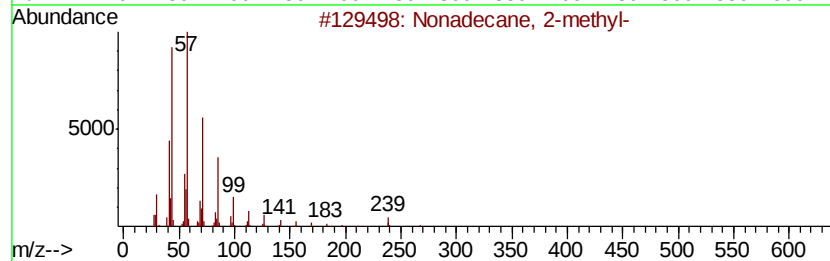
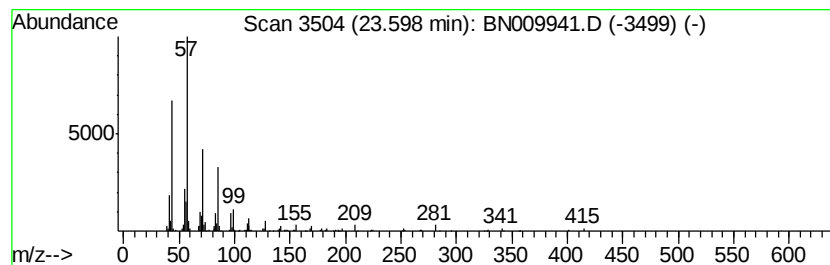
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	4.46 ng/ul	347102	Perylene-d12	23.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane, 2-methyl-	282	C20H42	001560-86-7	83
2			Tetratetracontane	619	C44H90	007098-22-8	81
3			Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	80
4			2-methyloctacosane	408	C29H60	1000376-72-8	74
5			Eicosane, 2-methyl-	296	C21H44	001560-84-5	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009941.D
Acq On : 26 Feb 2020 22:55
Operator : CG/JU
Sample : L1612-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBDL4

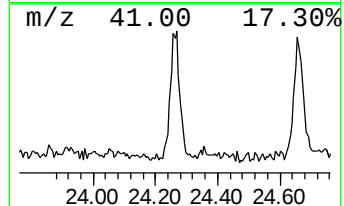
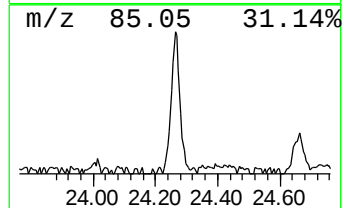
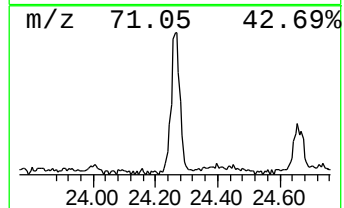
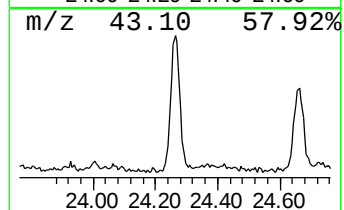
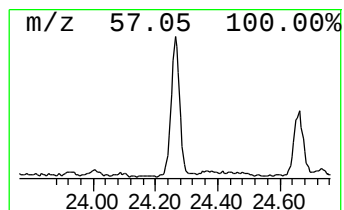
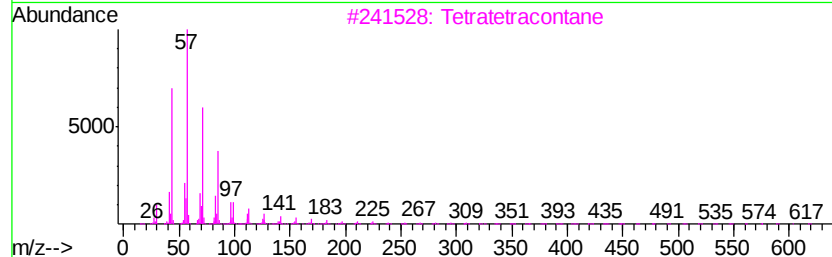
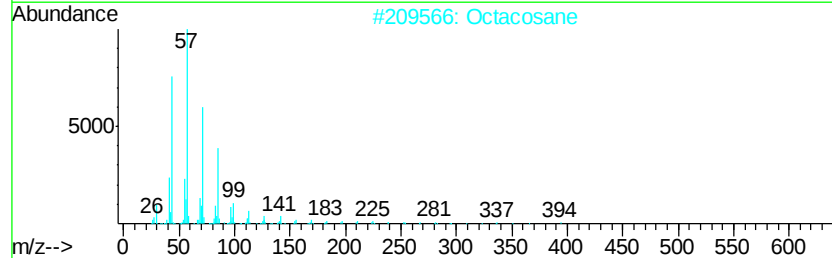
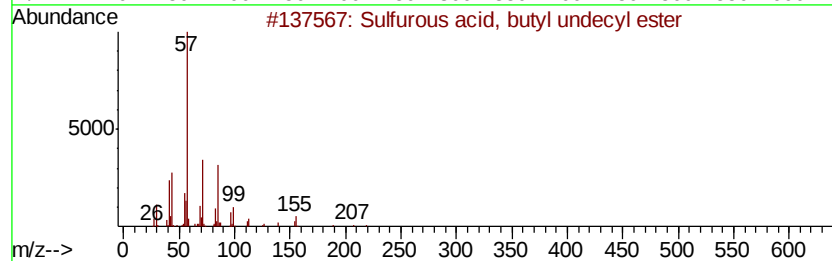
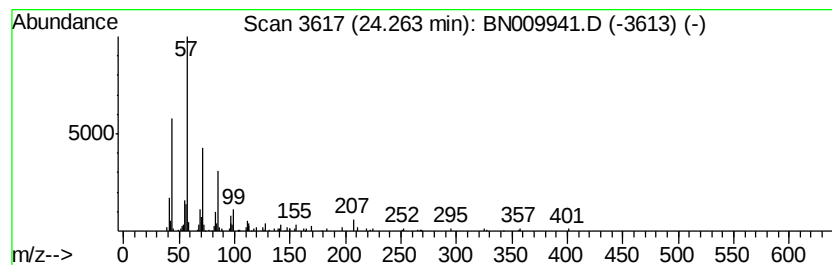
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Sulfurous acid, butyl undec... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.26	3.66 ng/ul	285274	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	80
2		Octacosane	394	C28H58	000630-02-4	76
3		Tetratetracontane	619	C44H90	007098-22-8	76
4		Hexadecane	226	C16H34	000544-76-3	72
5		Heptacosane	380	C27H56	000593-49-7	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009941.D
Acq On : 26 Feb 2020 22:55
Operator : CG/JU
Sample : L1612-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

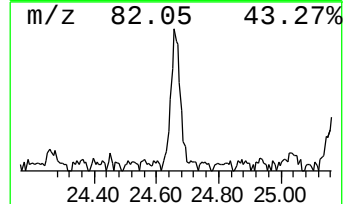
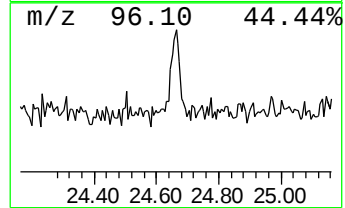
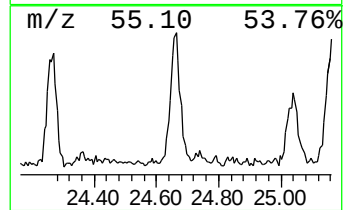
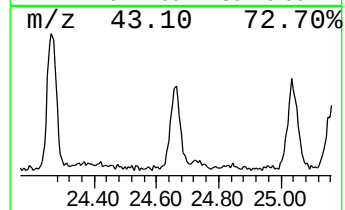
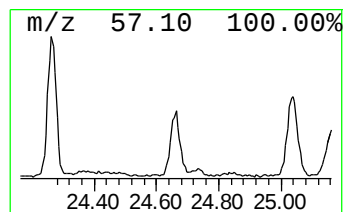
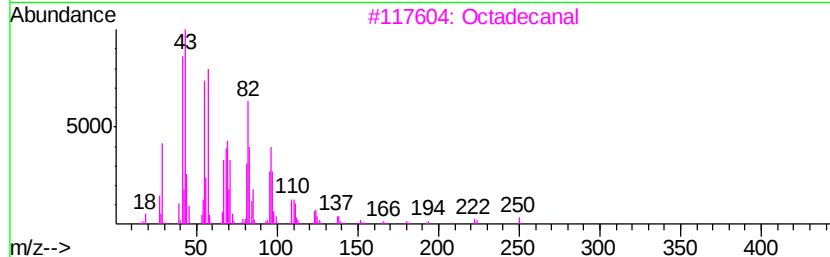
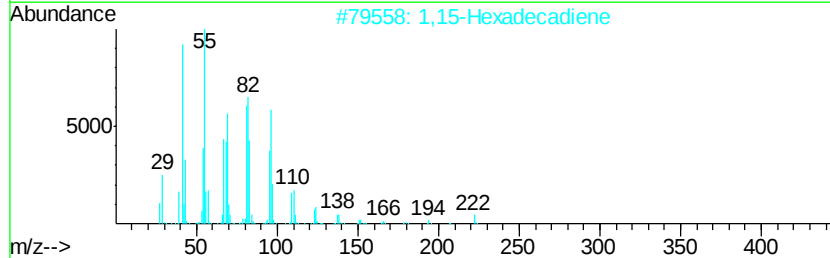
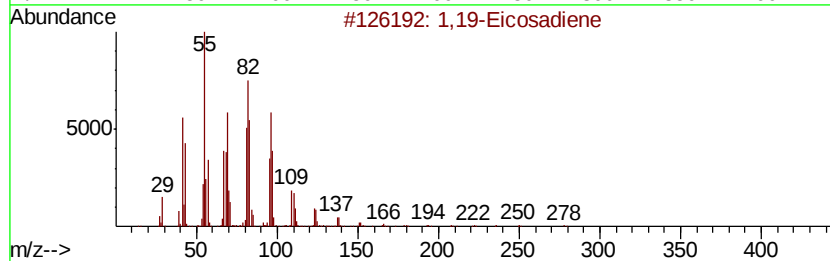
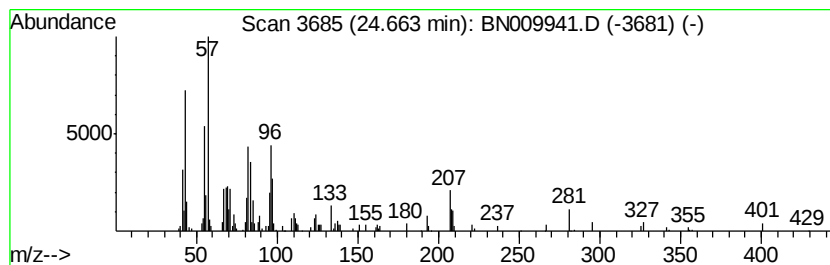
Instrument :
BNA_N
ClientSampleId :
DBDL4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 1,19-Eicosadiene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.66	2.82 ng/ul	219705	Perylene-d12	23.10
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,19-Eicosadiene		278 C20H38	014811-95-1 64
2	1,15-Hexadecadiene		222 C16H30	021964-51-2 53
3	Octadecanal		268 C18H36O	000638-66-4 43
4	Octadecanal		268 C18H36O	000638-66-4 38
5	Tridecanal		198 C13H26O	010486-19-8 38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022620\
Data File : BN009941.D
Acq On : 26 Feb 2020 22:55
Operator : CG/JU
Sample : L1612-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBDL4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.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
(DEL) Alkane: Str...	20.74	2.8	ng/ul	224840	5	21.00	1591860	20.0
(DEL) Alkane: Str...	22.50	4.4	ng/ul	340476	6	23.10	1557500	20.0
(DEL) Alkane: Str...	23.60	4.5	ng/ul	347102	6	23.10	1557500	20.0
Sulfurous acid, b...	24.26	3.7	ng/ul	285274	6	23.10	1557500	20.0
1,19-Eicosadiene	24.66	2.8	ng/ul	219705	6	23.10	1557500	20.0