

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122619\
 Data File : BM024300.D
 Acq On : 26 Dec 2019 16:22
 Operator : JU
 Sample : K6270-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETK85

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_M\METHODS\SOM-EPA-BM121719MA.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	2.999	17	19	27	rVB2	24919	40593	1.21%	0.119%
2	3.787	151	153	158	rVB5	11754	13680	0.41%	0.040%
3	4.593	286	290	296	rBV	23850	42611	1.27%	0.125%
4	5.269	402	405	407	rBV4	2618	3971	0.12%	0.012%
5	5.845	499	503	510	rVB7	7903	12296	0.37%	0.036%
6	6.428	598	602	607	rVB7	3018	5420	0.16%	0.016%
7	6.587	626	629	631	rBV4	3898	4219	0.13%	0.012%
8	6.628	631	636	653	rBV2	231638	520262	15.48%	1.529%
9	6.781	657	662	675	rBV	293547	514357	15.31%	1.512%
10	6.963	687	693	706	rBV	300708	523234	15.57%	1.538%
11	7.057	706	709	713	rVB6	6897	9093	0.27%	0.027%
12	7.422	764	771	784	rBV	776591	1264082	37.62%	3.715%
13	7.610	799	803	806	rBV4	2763	4096	0.12%	0.012%
14	8.157	889	896	913	rBV	309886	632904	18.83%	1.860%
15	8.269	913	915	920	rVV6	8233	14991	0.45%	0.044%
16	8.310	920	922	928	rVB4	3346	6213	0.18%	0.018%
17	8.516	954	957	962	rVB5	3751	4343	0.13%	0.013%
18	8.581	962	968	987	rBV	323283	642862	19.13%	1.889%
19	8.775	997	1001	1004	rBV6	3133	4030	0.12%	0.012%
20	9.004	1035	1040	1047	rVB4	11628	17621	0.52%	0.052%
21	9.298	1083	1090	1104	rBV	254751	493744	14.69%	1.451%
22	9.463	1117	1118	1123	rVB5	3233	3738	0.11%	0.011%
23	9.845	1176	1183	1204	rBV	239684	554757	16.51%	1.630%
24	10.192	1233	1242	1260	rBV	1097106	1882412	56.02%	5.532%
25	10.357	1263	1270	1288	rBV	245960	615512	18.32%	1.809%
26	11.233	1413	1419	1421	rBV4	4815	7642	0.23%	0.022%
27	11.645	1482	1489	1495	rBV4	10193	19633	0.58%	0.058%
28	11.822	1511	1519	1522	rVV8	3224	7445	0.22%	0.022%
29	12.298	1597	1600	1604	rBV5	2323	3758	0.11%	0.011%
30	12.351	1604	1609	1615	rVB5	3786	6920	0.21%	0.020%
31	12.416	1617	1620	1621	rBV2	3636	4168	0.12%	0.012%
32	12.433	1621	1623	1628	rVB5	2621	3929	0.12%	0.012%
33	12.616	1651	1654	1656	rBV4	5925	7188	0.21%	0.021%
34	12.686	1663	1666	1672	rVB5	5021	8046	0.24%	0.024%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	12.922	1701	1706	1712	rBV2	14680	25374	0.76%	0.075%
36	12.998	1716	1719	1725	rVB5	5718	9382	0.28%	0.028%
37	13.063	1729	1730	1734	rBV4	2977	4131	0.12%	0.012%
38	13.510	1800	1806	1811	rBV	991427	1488155	44.29%	4.373%
39	13.563	1811	1815	1824	rVV	310306	496457	14.77%	1.459%
40	13.627	1824	1826	1830	rVB4	3137	4491	0.13%	0.013%
41	13.774	1845	1851	1864	rBV	737158	1104051	32.86%	3.244%
42	14.016	1886	1892	1897	rBV3	22330	30804	0.92%	0.091%
43	14.086	1898	1904	1916	rVV	1750024	2547389	75.81%	7.486%
44	14.368	1946	1952	1975	rBV2	97205	365573	10.88%	1.074%
45	14.557	1980	1984	1989	rVV7	10565	19976	0.59%	0.059%
46	14.639	1995	1998	2001	rVB5	7922	10192	0.30%	0.030%
47	14.716	2005	2011	2013	rBV7	4469	6347	0.19%	0.019%
48	14.845	2027	2033	2035	rBV5	4577	4918	0.15%	0.014%
49	14.874	2035	2038	2041	rVB5	3737	5178	0.15%	0.015%
50	14.915	2041	2045	2048	rBV4	6118	9263	0.28%	0.027%
51	14.974	2052	2055	2061	rVB	26229	34139	1.02%	0.100%
52	15.092	2068	2075	2087	rBV	1217778	1786021	53.15%	5.249%
53	15.251	2097	2102	2113	rBV	244774	435984	12.97%	1.281%
54	15.333	2113	2116	2119	rVV4	15986	25122	0.75%	0.074%
55	15.380	2122	2124	2129	rVB4	16527	23431	0.70%	0.069%
56	15.439	2131	2134	2136	rBV4	3713	4667	0.14%	0.014%
57	15.474	2136	2140	2145	rBV8	5623	8356	0.25%	0.025%
58	15.539	2145	2151	2153	rBV7	13480	17324	0.52%	0.051%
59	15.574	2155	2157	2160	rBV3	2630	3650	0.11%	0.011%
60	15.680	2172	2175	2179	rVB5	4854	5842	0.17%	0.017%
61	15.757	2185	2188	2189	rVB3	3895	3661	0.11%	0.011%
62	15.786	2189	2193	2197	rBV7	5954	10180	0.30%	0.030%
63	15.845	2197	2203	2204	rVV2	29733	41426	1.23%	0.122%
64	15.857	2204	2205	2214	rVB5	27295	44595	1.33%	0.131%
65	15.962	2221	2223	2225	rVB3	4904	4602	0.14%	0.014%
66	16.015	2228	2232	2234	rVV5	4975	6443	0.19%	0.019%
67	16.092	2242	2245	2249	rBV5	4247	5255	0.16%	0.015%
68	16.180	2256	2260	2261	rBV4	4480	5582	0.17%	0.016%
69	16.245	2268	2271	2274	rBV4	4908	6644	0.20%	0.020%
70	16.292	2276	2279	2283	rBV4	7987	9443	0.28%	0.028%
71	16.351	2287	2289	2292	rVB4	4985	4804	0.14%	0.014%

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72	16.427	2297	2302	2304	rBV4	5909	10204	0.30%	0.030%
73	16.633	2333	2337	2342	rBV	32588	45114	1.34%	0.133%
74	16.686	2342	2346	2350	rVB4	17667	25109	0.75%	0.074%
75	16.845	2367	2373	2384	rBV	2125660	2920599	86.91%	8.583%
76	16.945	2384	2390	2406	rVB2	1173066	1725500	51.35%	5.071%
77	17.057	2406	2409	2410	rBV3	5941	5964	0.18%	0.018%
78	17.157	2424	2426	2431	rVB6	5973	8043	0.24%	0.024%
79	17.268	2437	2445	2453	rBV6	9101	27254	0.81%	0.080%
80	17.374	2460	2463	2469	rVB3	23639	28378	0.84%	0.083%
81	17.468	2477	2479	2481	rBV2	5972	4936	0.15%	0.015%
82	17.651	2508	2510	2513	rVB4	8860	7248	0.22%	0.021%
83	17.774	2526	2531	2538	rBV3	63168	117114	3.49%	0.344%
84	18.068	2577	2581	2587	rBV	23771	31981	0.95%	0.094%
85	18.203	2601	2604	2607	rVB4	11614	13594	0.40%	0.040%
86	18.645	2677	2679	2684	rVB6	12964	18195	0.54%	0.053%
87	18.715	2687	2691	2695	rVB4	28795	39044	1.16%	0.115%
88	18.886	2717	2720	2725	rBV3	13580	23234	0.69%	0.068%
89	19.256	2777	2783	2788	rBV	1328899	1837782	54.69%	5.401%
90	19.839	2880	2882	2885	rVB2	43236	38427	1.14%	0.113%
91	20.339	2964	2967	2970	rBV3	61982	75193	2.24%	0.221%
92	20.803	3042	3046	3052	rBV	638335	841532	25.04%	2.473%
93	21.068	3086	3091	3101	rBV	2265421	3190011	94.93%	9.374%
94	21.244	3118	3121	3126	rBV	160058	185137	5.51%	0.544%
95	21.662	3189	3192	3202	rBV	242685	370312	11.02%	1.088%
96	22.103	3264	3267	3272	rVB	300147	341181	10.15%	1.003%
97	22.221	3284	3287	3293	rVB	224230	271303	8.07%	0.797%
98	22.580	3345	3348	3353	rVB	315621	397217	11.82%	1.167%
99	23.056	3425	3429	3434	rBV	931729	1550238	46.13%	4.556%
100	23.191	3447	3452	3463	rVB	1880772	3360331	100.00%	9.875%

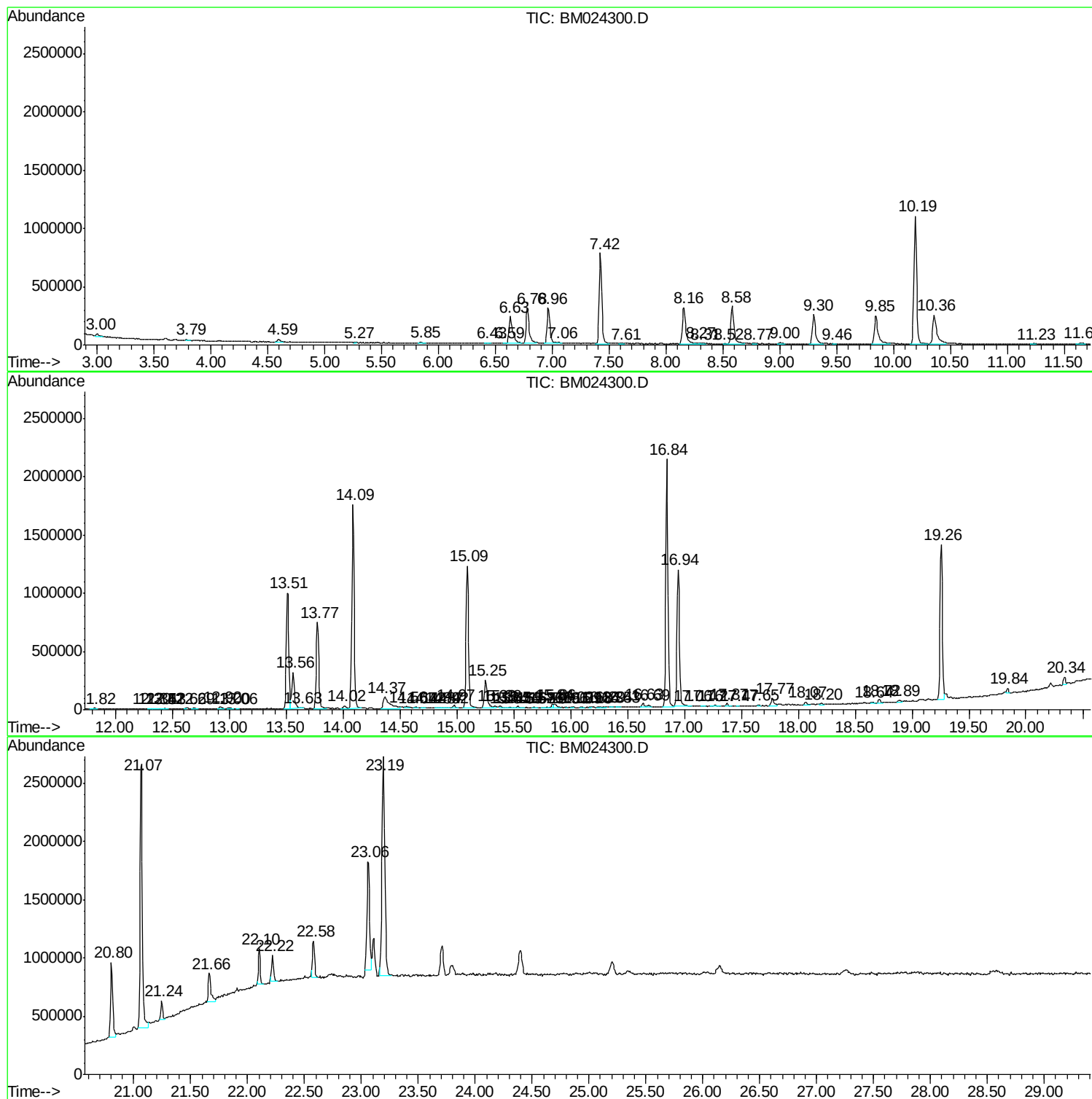
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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



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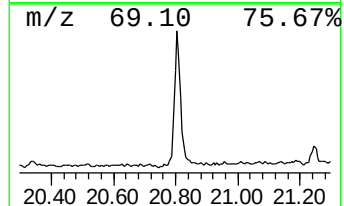
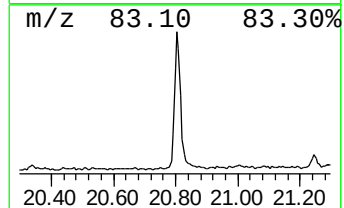
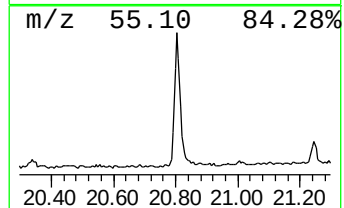
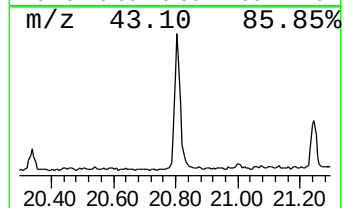
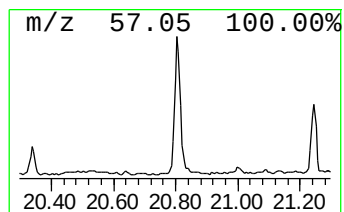
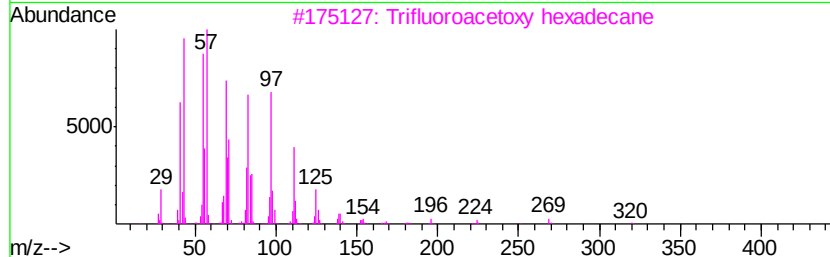
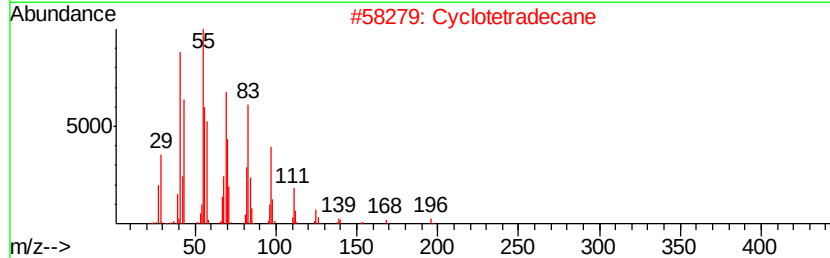
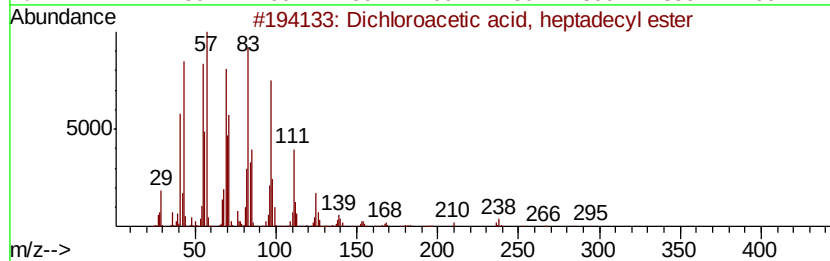
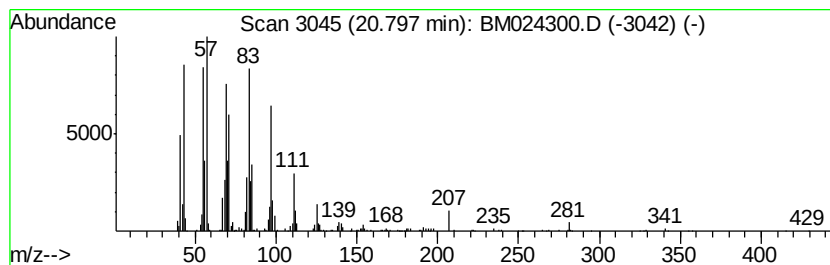
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Dichloroacetic acid, heptad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.80	5.28 ng/ul	841532	Chrysene-d12	21.07		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
2		Cyclotetradecane	196	C14H28	000295-17-0	90
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
4		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90
5		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	87



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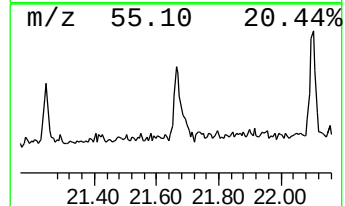
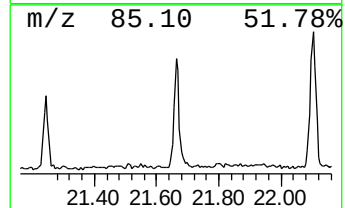
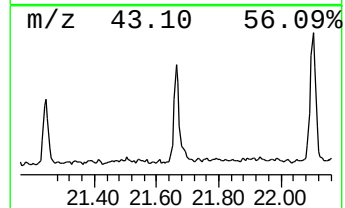
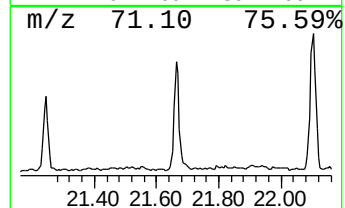
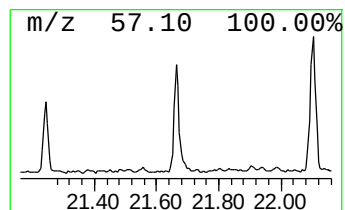
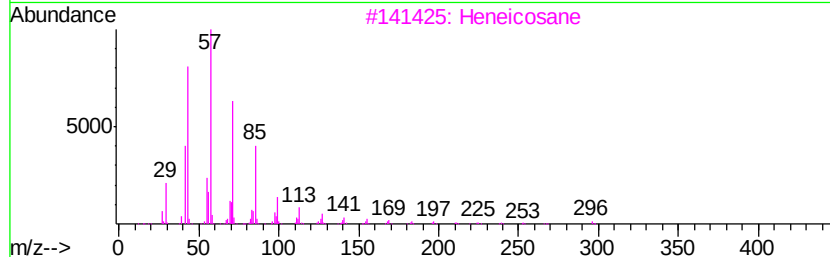
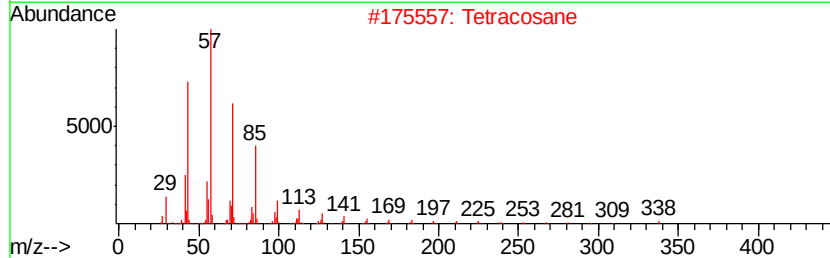
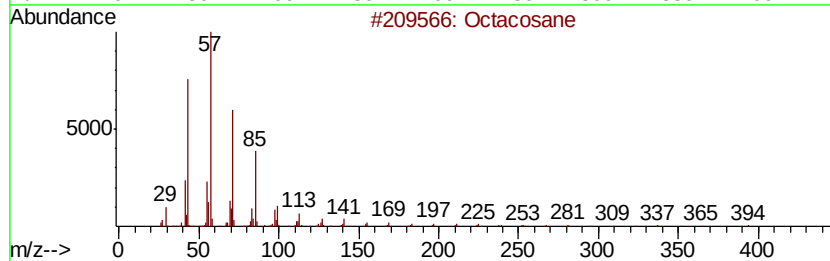
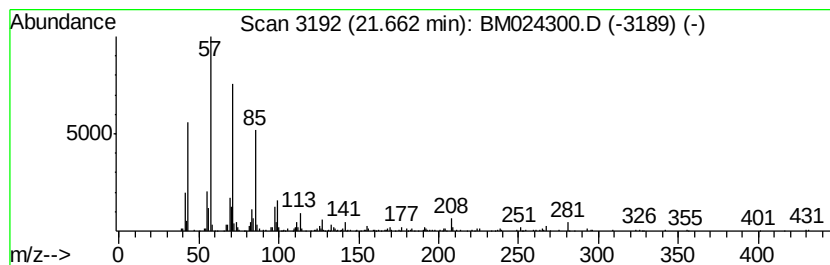
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	2.32 ng/ul	370312	Chrysene-d12	21.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octacosane	394 C28H58	000630-02-4 90
2		Tetracosane	338 C24H50	000646-31-1 87
3		Heneicosane	296 C21H44	000629-94-7 87
4		Hexadecane, 1-iodo-	352 C16H33I	000544-77-4 86
5		Pentadecane	212 C15H32	000629-62-9 83



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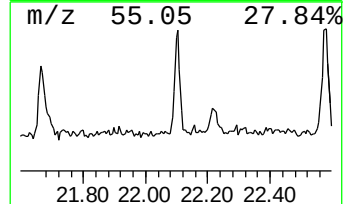
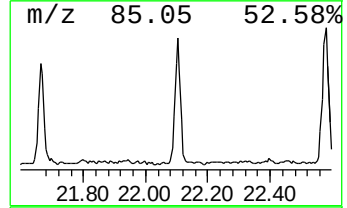
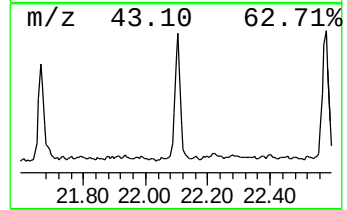
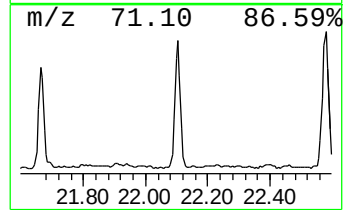
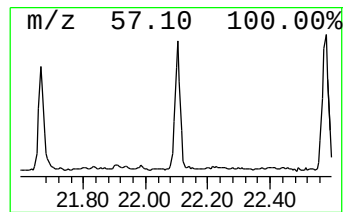
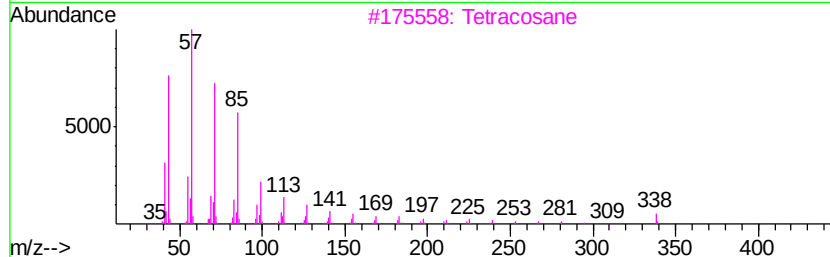
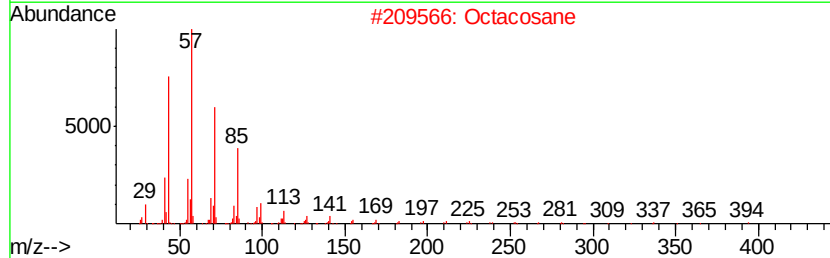
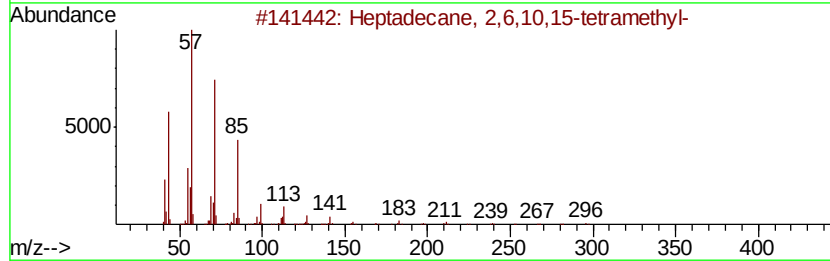
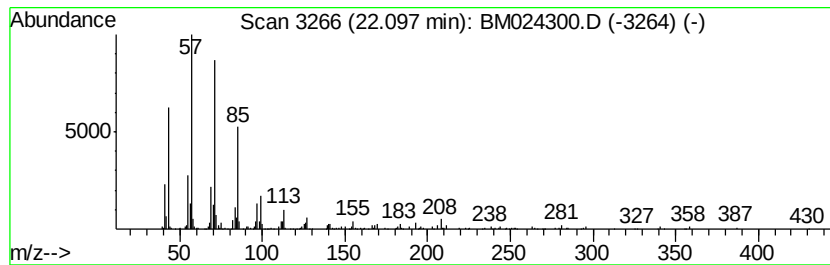
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.10	2.14 ng/ul	341181	Chrysene-d12	21.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2		Octacosane	394	C28H58	000630-02-4	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Hentriacontane	437	C31H64	000630-04-6	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122619\
Data File : BM024300.D
Acq On : 26 Dec 2019 16:22
Operator : JU
Sample : K6270-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETK85

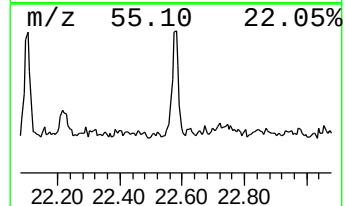
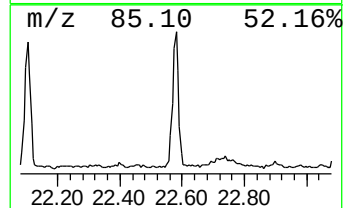
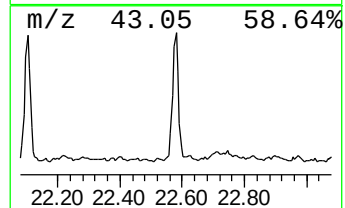
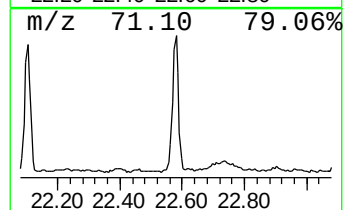
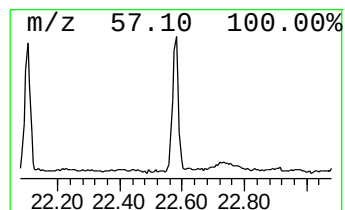
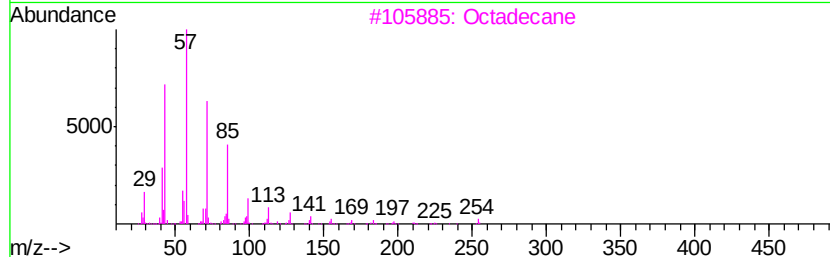
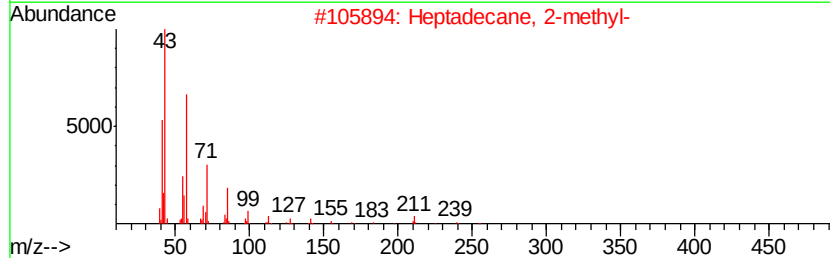
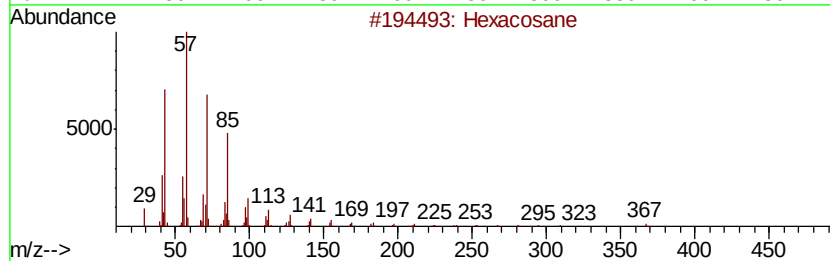
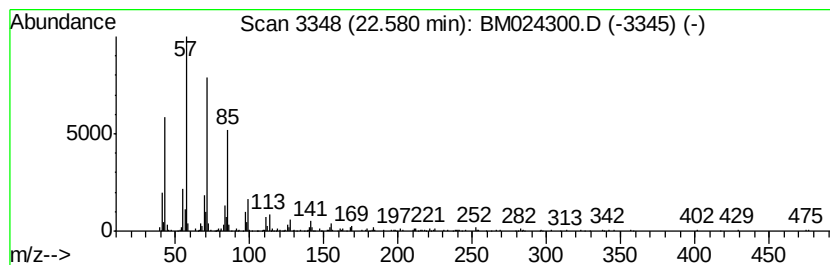
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	2.36 ng/ul	397217	Perylene-d12	23.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	90
3		Octadecane	254	C18H38	000593-45-3	87
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122619\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETK85

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.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
Dichloroacetic ac...	20.80	5.3	ng/ul	841532	5	21.07	3190010	20.0
(DEL) Alkane: Str...	21.66	2.3	ng/ul	370312	5	21.07	3190010	20.0
(DEL) Alkane: Str...	22.10	2.1	ng/ul	341181	5	21.07	3190010	20.0
(DEL) Alkane: Str...	22.58	2.4	ng/ul	397217	6	23.19	3360330	20.0