

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
 Data File : BM024271.D
 Acq On : 25 Dec 2019 01:36
 Operator : JU
 Sample : K6240-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFQW9

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	2.993	16	18	23	rBV	52382	62746	0.98%	0.084%
2	3.322	73	74	81	rVB3	18374	23859	0.37%	0.032%
3	5.528	445	449	455	rVB8	6939	13671	0.21%	0.018%
4	6.134	546	552	556	rBV8	9070	17494	0.27%	0.023%
5	6.634	632	637	651	rVB	273761	529523	8.24%	0.710%
6	6.781	657	662	682	rBV	848278	1421643	22.12%	1.906%
7	6.969	688	694	708	rVV	1003067	1636933	25.47%	2.194%
8	7.081	708	713	718	rVB6	12098	23546	0.37%	0.032%
9	7.428	764	772	784	rBV	1092515	1716143	26.70%	2.300%
10	7.534	789	790	797	rVB5	14650	20494	0.32%	0.027%
11	8.157	889	896	912	rBV	804161	1404907	21.86%	1.883%
12	8.581	962	968	983	rVV	1027375	1791724	27.88%	2.402%
13	9.010	1035	1041	1045	rBV	30357	49969	0.78%	0.067%
14	9.057	1045	1049	1057	rVB	57216	93753	1.46%	0.126%
15	9.298	1083	1090	1104	rBV	902688	1538444	23.94%	2.062%
16	9.486	1116	1122	1127	rBV9	13816	25768	0.40%	0.035%
17	9.592	1133	1140	1141	rBV5	8437	14869	0.23%	0.020%
18	9.610	1141	1143	1150	rVB7	9217	12681	0.20%	0.017%
19	9.739	1158	1165	1171	rBV9	9605	24981	0.39%	0.033%
20	9.839	1174	1182	1203	rBV	1329055	2534196	39.43%	3.397%
21	9.992	1203	1208	1214	rVV10	15324	33666	0.52%	0.045%
22	10.198	1236	1243	1250	rBV	1436088	2434233	37.88%	3.263%
23	10.304	1258	1261	1267	rVV4	13990	24035	0.37%	0.032%
24	10.369	1267	1272	1279	rVB	32505	57916	0.90%	0.078%
25	10.504	1288	1295	1301	rBV5	35041	71619	1.11%	0.096%
26	10.616	1306	1314	1332	rVV	1267132	2158789	33.59%	2.894%
27	10.757	1332	1338	1343	rVV	43357	116658	1.82%	0.156%
28	10.816	1346	1348	1353	rVV3	48802	80765	1.26%	0.108%
29	10.869	1353	1357	1366	rVB4	26706	61060	0.95%	0.082%
30	11.039	1381	1386	1388	rVV2	54470	89162	1.39%	0.120%
31	11.063	1388	1390	1398	rVV2	67520	120713	1.88%	0.162%
32	11.133	1398	1402	1406	rVV2	27374	47791	0.74%	0.064%
33	11.180	1406	1410	1421	rVB4	29538	66375	1.03%	0.089%
34	11.422	1440	1451	1454	rBV2	25443	53232	0.83%	0.071%

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35	11.463	1454	1458	1459	rVV2	24149	30542	0.48%	0.041%
36	11.486	1460	1462	1466	rVB2	31763	38391	0.60%	0.051%
37	11.533	1466	1470	1477	rVB	26944	40517	0.63%	0.054%
38	11.710	1491	1500	1506	rBV	62734	151990	2.36%	0.204%
39	11.769	1506	1510	1514	rBV	38350	61154	0.95%	0.082%
40	11.916	1531	1535	1539	rBV5	13820	22433	0.35%	0.030%
41	11.963	1539	1543	1550	rVB4	19223	37899	0.59%	0.051%
42	12.086	1560	1564	1570	rVB	83632	123749	1.93%	0.166%
43	12.439	1618	1624	1634	rVV3	23343	57606	0.90%	0.077%
44	12.545	1639	1642	1644	rVV3	16754	25135	0.39%	0.034%
45	12.568	1644	1646	1652	rVV6	23386	47890	0.75%	0.064%
46	12.627	1654	1656	1660	rVV5	10148	13090	0.20%	0.018%
47	12.698	1664	1668	1674	rVB3	31807	48499	0.75%	0.065%
48	12.792	1680	1684	1689	rBV7	7223	14304	0.22%	0.019%
49	12.921	1703	1706	1714	rVB6	12644	27706	0.43%	0.037%
50	13.004	1714	1720	1726	rBV2	40475	70537	1.10%	0.095%
51	13.080	1731	1733	1740	rVV7	8679	16317	0.25%	0.022%
52	13.521	1801	1808	1813	rVV	2638487	3712322	57.76%	4.976%
53	13.568	1813	1816	1824	rVV	118925	173713	2.70%	0.233%
54	13.639	1824	1828	1832	rVV7	14838	23317	0.36%	0.031%
55	13.674	1832	1834	1840	rVB7	10425	15053	0.23%	0.020%
56	13.780	1845	1852	1861	rBV	3182756	4671139	72.68%	6.261%
57	13.921	1872	1876	1882	rVB2	24272	35515	0.55%	0.048%
58	14.021	1889	1893	1898	rVB6	15467	22259	0.35%	0.030%
59	14.092	1899	1905	1914	rBV	2174692	3176099	49.42%	4.257%
60	14.198	1919	1923	1927	rVB6	10516	15086	0.23%	0.020%
61	14.362	1945	1951	1960	rBV	155131	365252	5.68%	0.490%
62	14.510	1974	1976	1980	rVB5	18202	20037	0.31%	0.027%
63	14.557	1980	1984	1987	rBV5	19160	25640	0.40%	0.034%
64	14.645	1996	1999	2005	rVB8	13836	21687	0.34%	0.029%
65	14.874	2033	2038	2043	rBV2	90298	142846	2.22%	0.191%
66	14.945	2047	2050	2054	rVV	29237	41829	0.65%	0.056%
67	14.980	2054	2056	2060	rVB4	18454	19155	0.30%	0.026%
68	15.098	2069	2076	2083	rBV	4086240	5719013	88.99%	7.665%
69	15.198	2090	2093	2097	rBV4	13845	18193	0.28%	0.024%
70	15.251	2097	2102	2111	rBV	663043	973456	15.15%	1.305%
71	15.339	2113	2117	2119	rBV	38362	51888	0.81%	0.070%

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72	15.439	2131	2134	2137	rBV2	23413	21838	0.34%	0.029%
73	15.492	2138	2143	2153	rVB4	71898	126702	1.97%	0.170%
74	15.615	2162	2164	2168	rBV5	11953	13695	0.21%	0.018%
75	15.662	2168	2172	2173	rBV3	19940	25067	0.39%	0.034%
76	15.739	2183	2185	2188	rBV4	10614	13314	0.21%	0.018%
77	15.845	2200	2203	2207	rBV6	18508	18900	0.29%	0.025%
78	16.215	2263	2266	2271	rVB6	19848	29313	0.46%	0.039%
79	16.427	2299	2302	2305	rBV5	11850	15302	0.24%	0.021%
80	16.639	2334	2338	2341	rBV2	67611	86532	1.35%	0.116%
81	16.680	2342	2345	2351	rVB4	40762	65196	1.01%	0.087%
82	16.851	2368	2374	2384	rBV	2543823	3489693	54.30%	4.677%
83	16.951	2385	2391	2404	rVV	4322171	5906991	91.91%	7.917%
84	17.374	2461	2463	2467	rBV3	19661	23587	0.37%	0.032%
85	17.780	2527	2532	2539	rBV2	356922	611328	9.51%	0.819%
86	18.227	2605	2608	2615	rBV3	53365	72045	1.12%	0.097%
87	18.715	2689	2691	2696	rVB3	55523	61863	0.96%	0.083%
88	19.074	2749	2752	2758	rBV2	133574	198494	3.09%	0.266%
89	19.262	2778	2784	2789	rBV	4896801	6426742	100.00%	8.614%
90	19.844	2880	2883	2887	rVB2	113245	117420	1.83%	0.157%
91	20.339	2964	2967	2971	rVB2	193287	249025	3.87%	0.334%
92	20.803	3042	3046	3052	rBV	1053512	1338472	20.83%	1.794%
93	21.068	3086	3091	3100	rBV	2866194	3733833	58.10%	5.005%
94	21.244	3118	3121	3126	rBV	393003	423325	6.59%	0.567%
95	21.580	3176	3178	3183	rVB	329288	366855	5.71%	0.492%
96	21.662	3189	3192	3202	rBV	524265	788693	12.27%	1.057%
97	22.103	3264	3267	3275	rVB	653778	777464	12.10%	1.042%
98	22.580	3345	3348	3353	rVB	671196	839178	13.06%	1.125%
99	23.062	3425	3430	3435	rBV	3697134	6417016	99.85%	8.601%
100	23.197	3447	3453	3463	rVB	2203609	3904770	60.76%	5.234%

Sum of corrected areas: 74607269

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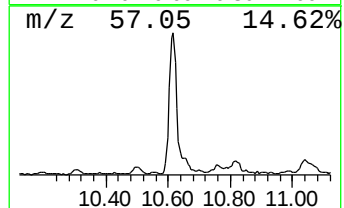
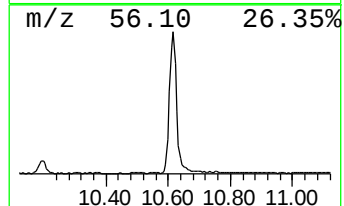
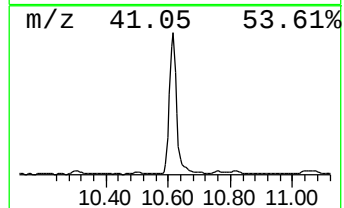
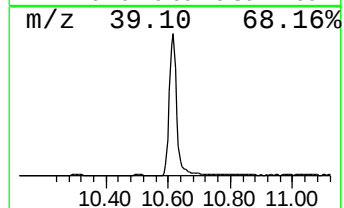
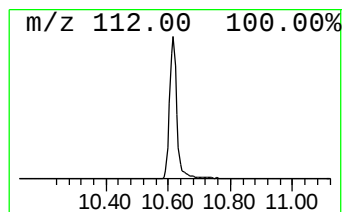
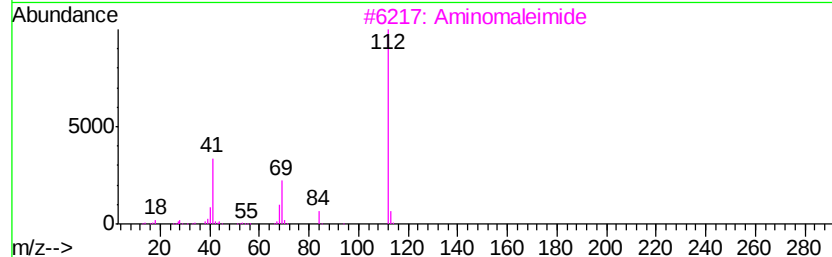
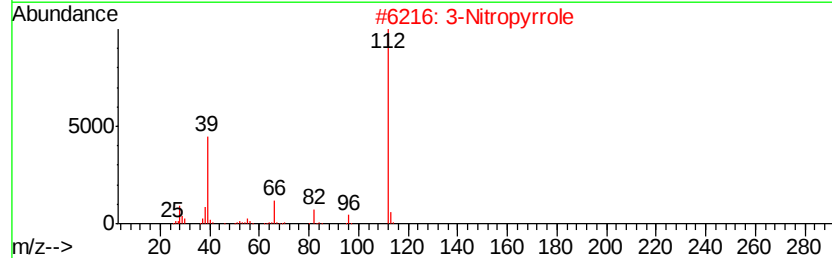
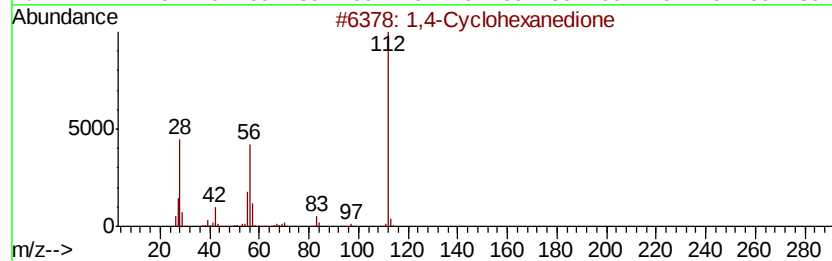
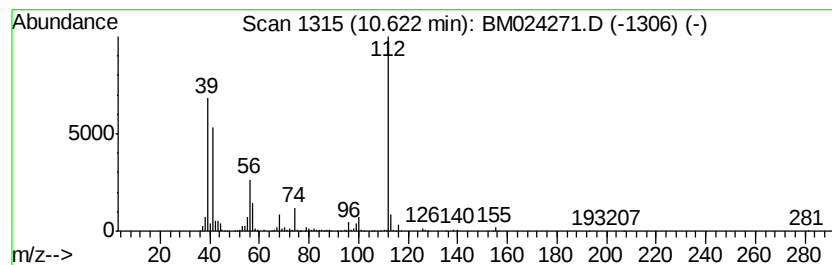
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	17.74 ng/ul	2158790	Naphthalene-d8	10.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Cyclohexanedione	112	C6H8O2	000637-88-7	47
2		3-Nitropyrrole	112	C4H4N2O2	005930-94-9	38
3		Aminomaleimide	112	C4H4N2O2	037770-94-8	38
4		Emimycin	112	C4H4N2O2	003735-46-4	35
5		Methanamine, N-(1-methyl-2-pyrro...	112	C6H12N2	007544-83-4	28



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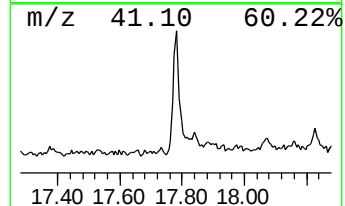
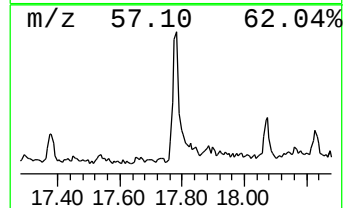
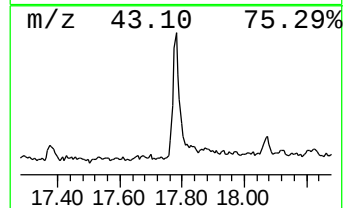
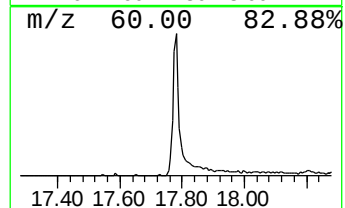
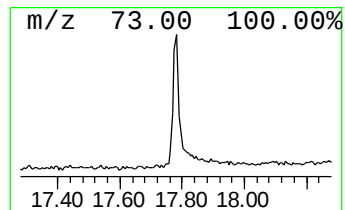
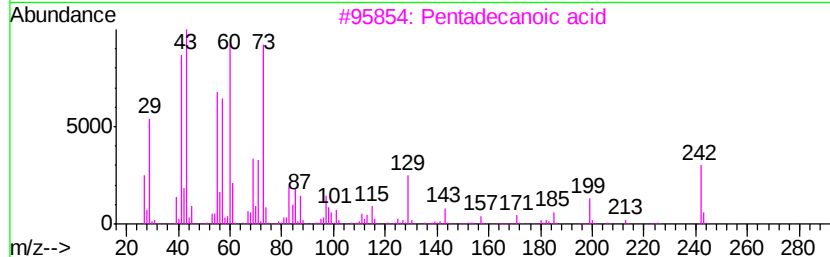
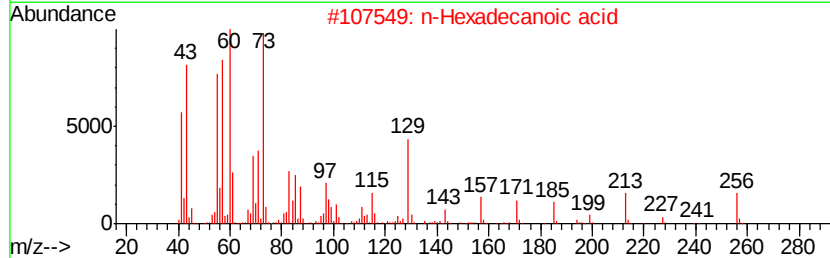
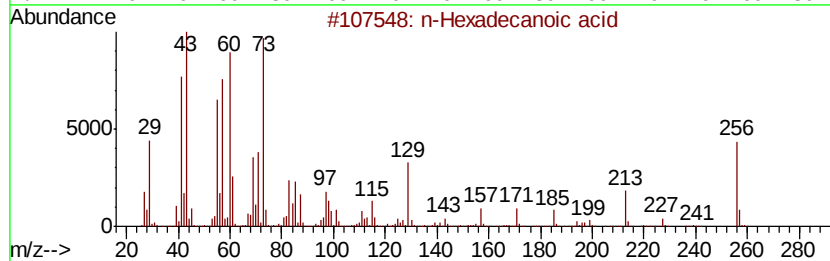
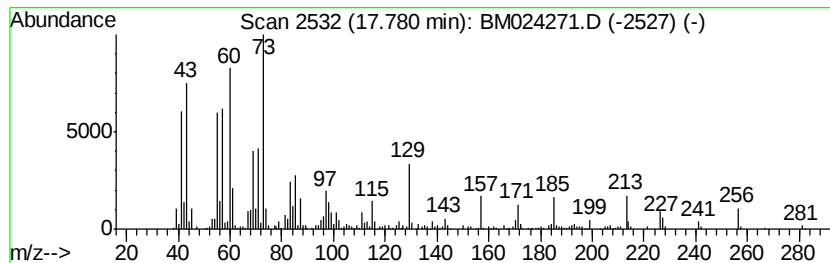
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	3.50 ng/ul	611328	Phenanthrene-d10	16.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87	



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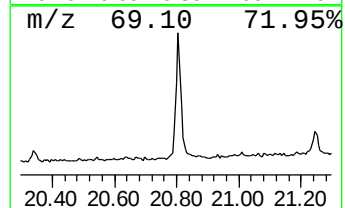
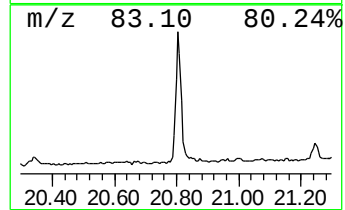
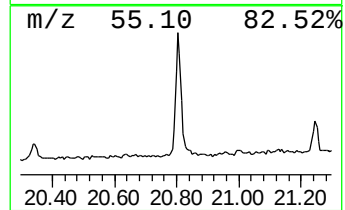
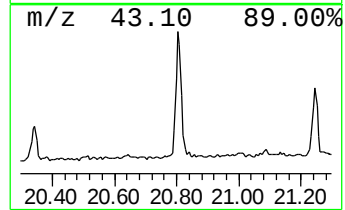
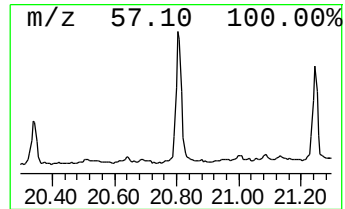
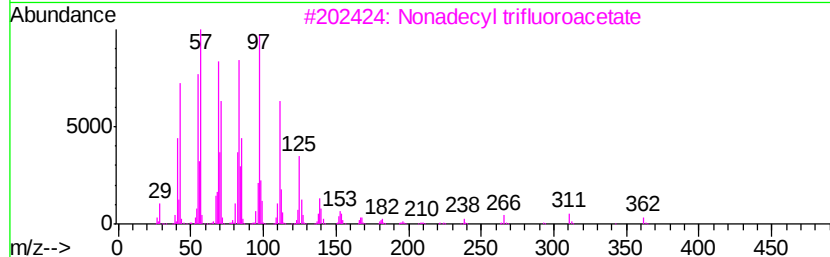
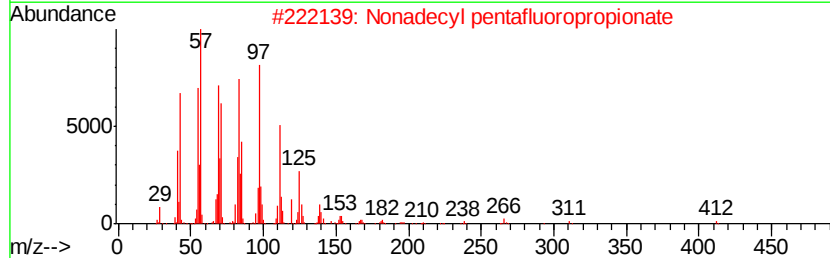
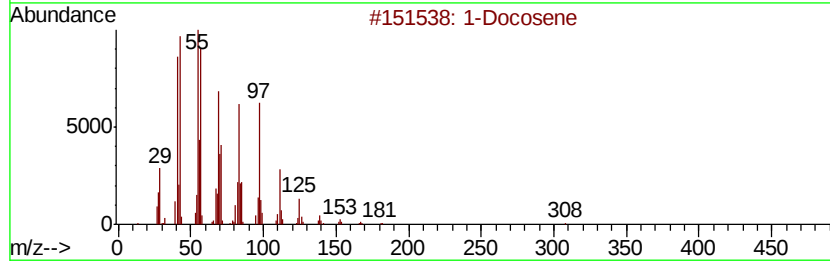
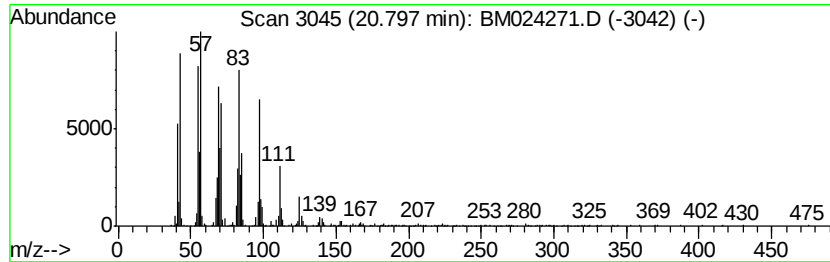
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic20.80 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	7.17 ng/ul	1338470	Chrysene-d12	21.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	96
2		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87



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ClientSampleId :
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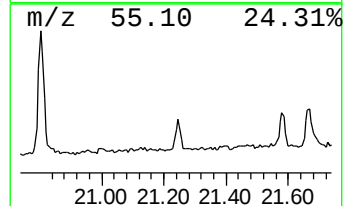
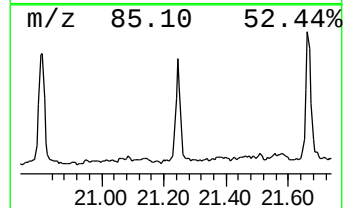
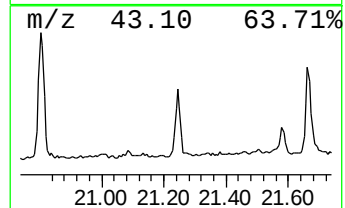
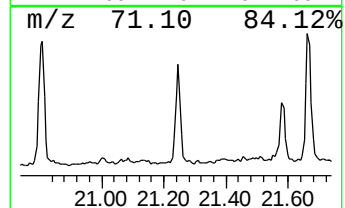
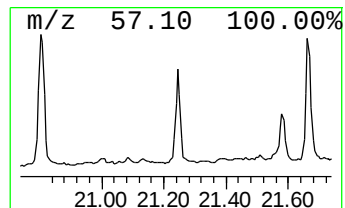
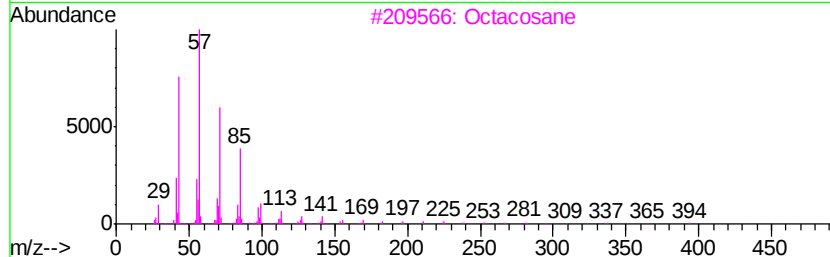
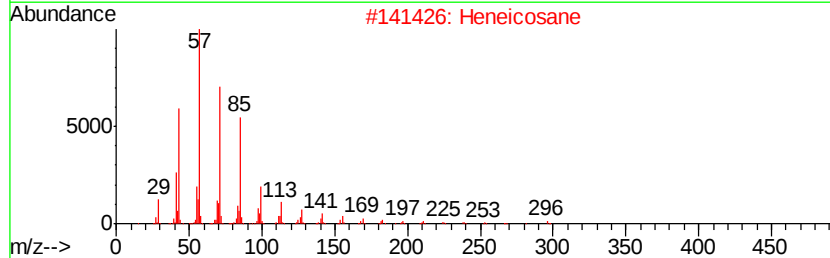
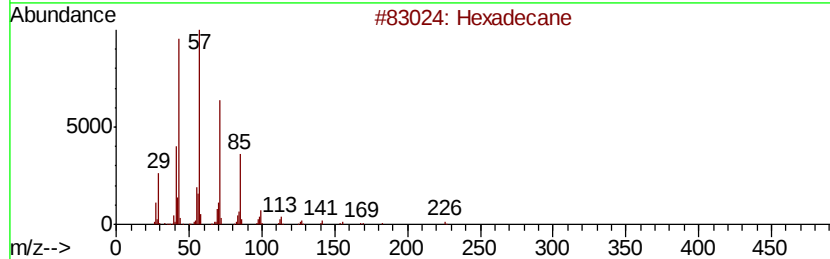
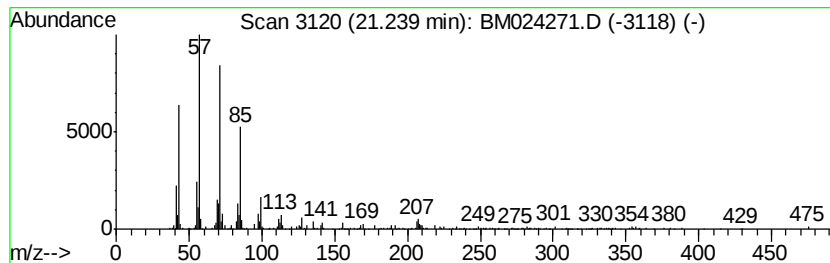
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.24	2.27 ng/ul	423325	Chrysene-d12	21.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Hexacosane	366	C26H54	000630-01-3	87
5		Tricosane	324	C23H48	000638-67-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024271.D
Acq On : 25 Dec 2019 01:36
Operator : JU
Sample : K6240-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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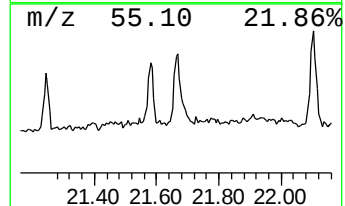
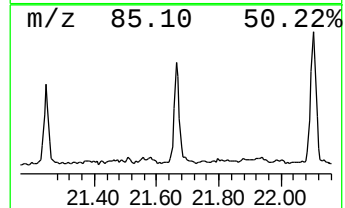
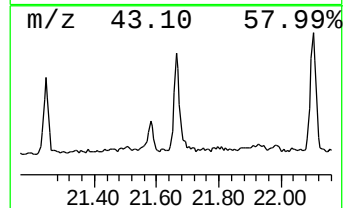
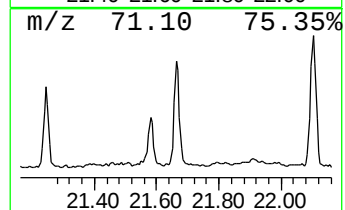
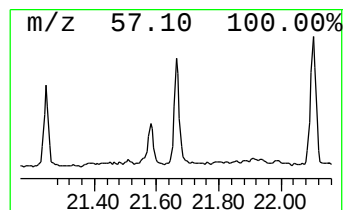
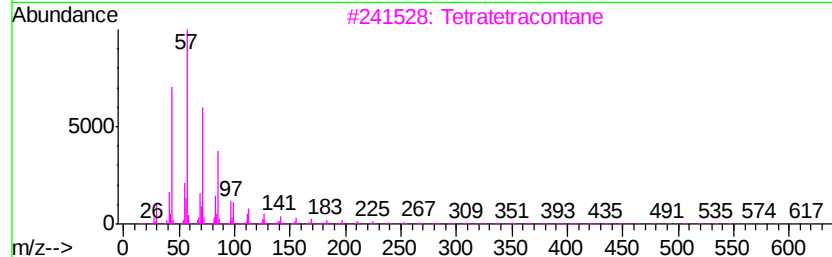
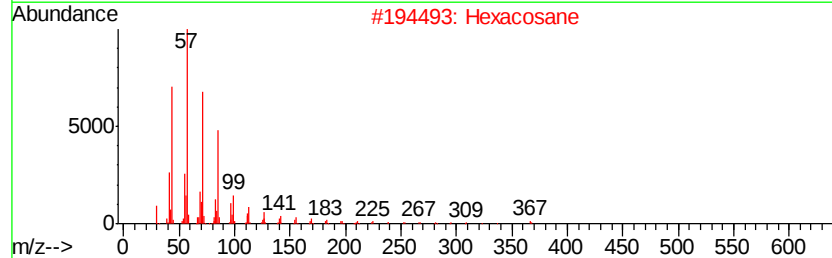
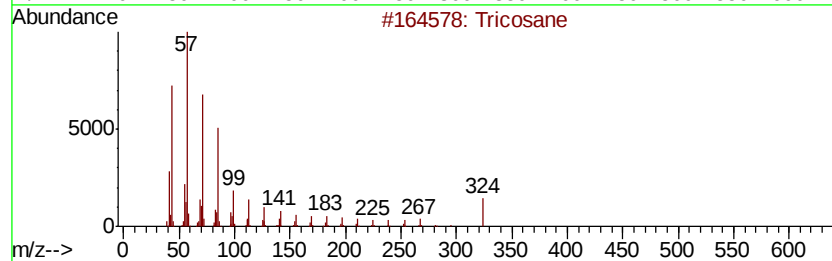
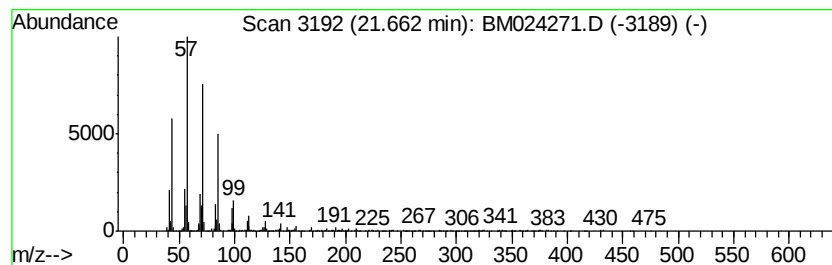
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	4.22 ng/ul	788693	Chrysene-d12	21.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	91
2		Hexacosane	366	C26H54	000630-01-3	90
3		Tetratetracontane	619	C44H90	007098-22-8	87
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024271.D
Acq On : 25 Dec 2019 01:36
Operator : JU
Sample : K6240-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFQW9

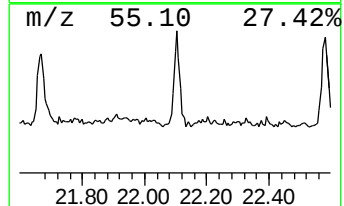
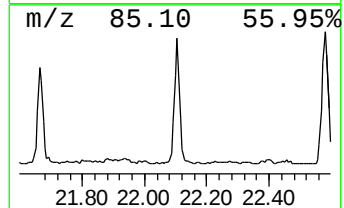
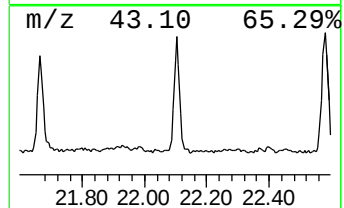
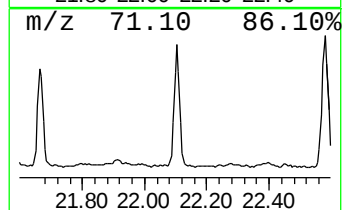
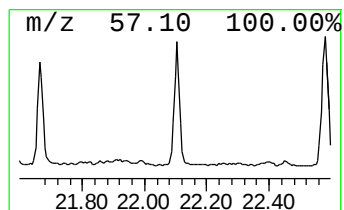
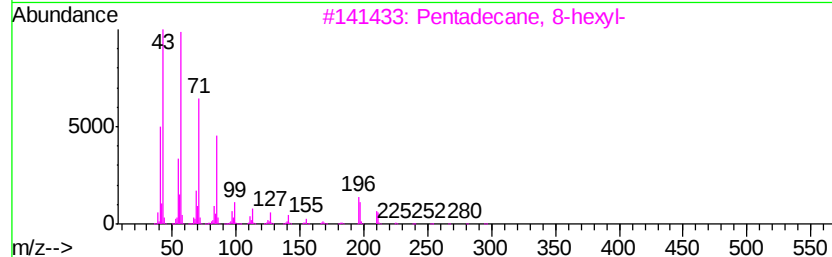
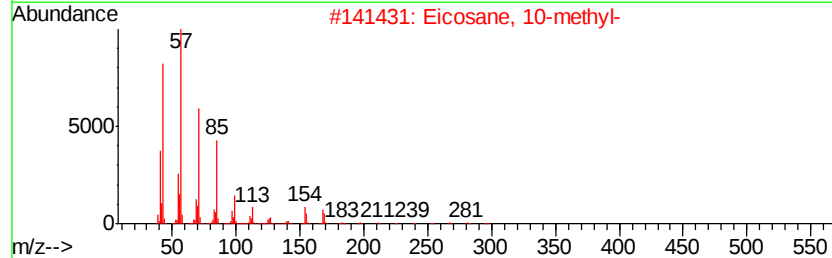
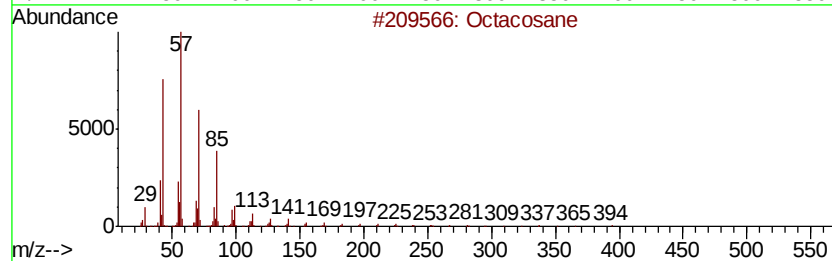
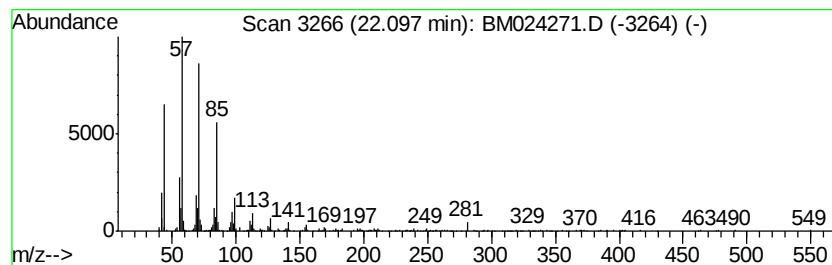
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.10	4.16 ng/ul	777464	Chrysene-d12	21.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	95
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024271.D
Acq On : 25 Dec 2019 01:36
Operator : JU
Sample : K6240-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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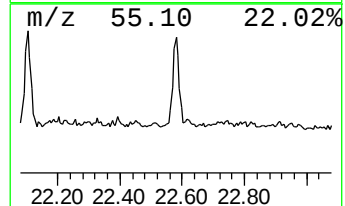
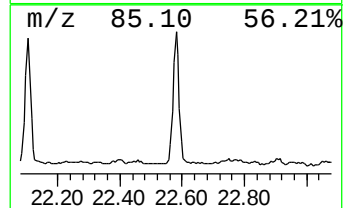
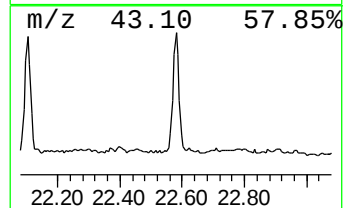
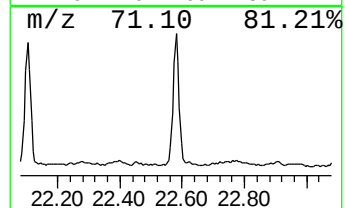
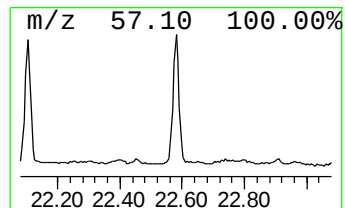
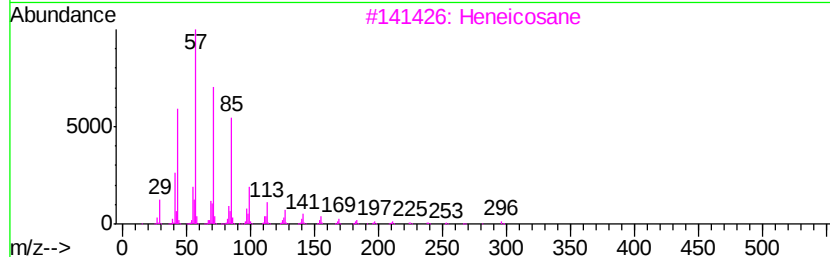
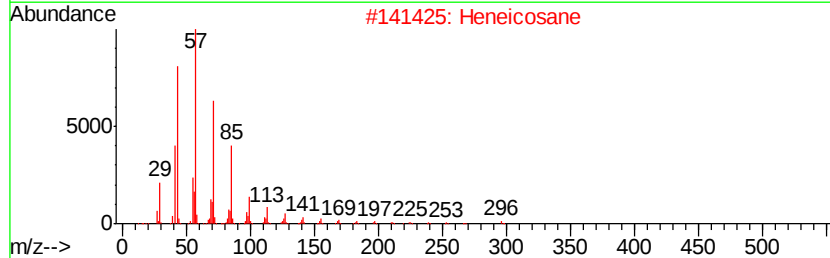
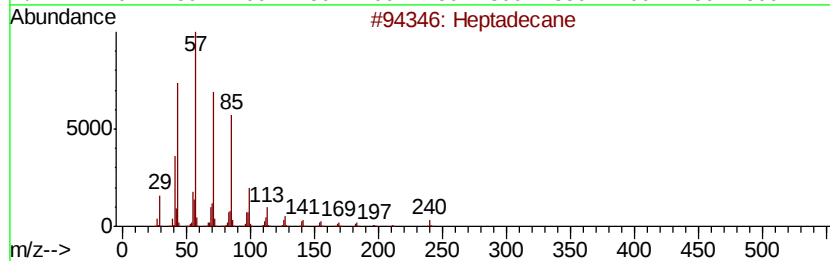
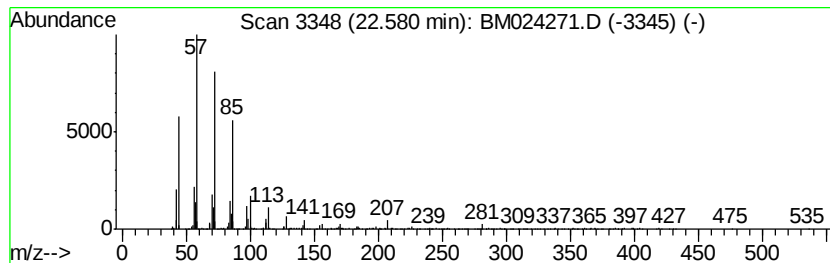
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	4.30 ng/ul	839178	Perylene-d12	23.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122319\
Data File : BM024271.D
Acq On : 25 Dec 2019 01:36
Operator : JU
Sample : K6240-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFQW9

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
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n-Hexadecanoic acid	17.78	3.5	ng/ul	611328	4	16.85	3489690	20.0
(DEL) Alkane: Cyc...	20.80	7.2	ng/ul	1338470	5	21.07	3733830	20.0
(DEL) Alkane: Str...	21.24	2.3	ng/ul	423325	5	21.07	3733830	20.0
(DEL) Alkane: Str...	21.66	4.2	ng/ul	788693	5	21.07	3733830	20.0
(DEL) Alkane: Str...	22.10	4.2	ng/ul	777464	5	21.07	3733830	20.0
(DEL) Alkane: Str...	22.58	4.3	ng/ul	839178	6	23.20	3904770	20.0