

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
 Data File : BM024282.D
 Acq On : 25 Dec 2019 10:54
 Operator : JU
 Sample : K6254-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0C14

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	25	rVB	31684	44372	1.24%	0.093%
2	3.493	100	103	108	rBV	27417	34620	0.97%	0.072%
3	3.604	118	122	128	rVB2	26252	44006	1.23%	0.092%
4	3.687	133	136	141	rVB2	16229	22410	0.63%	0.047%
5	4.063	197	200	207	rBV8	8188	19200	0.54%	0.040%
6	4.122	207	210	214	rVB5	8525	13311	0.37%	0.028%
7	4.593	285	290	298	rBV	35054	70190	1.96%	0.147%
8	5.110	374	378	380	rBV5	4170	6634	0.19%	0.014%
9	5.475	435	440	443	rVB6	8528	15659	0.44%	0.033%
10	5.504	443	445	450	rBV5	3118	5304	0.15%	0.011%
11	6.581	625	628	631	rBV4	5393	8445	0.24%	0.018%
12	6.628	631	636	649	rVV2	578376	1162093	32.43%	2.429%
13	6.734	651	654	657	rVV4	15561	23844	0.67%	0.050%
14	6.781	657	662	677	rVB	490837	831037	23.19%	1.737%
15	6.963	687	693	706	rBV	661352	1111933	31.03%	2.324%
16	7.057	706	709	715	rVB6	9766	19071	0.53%	0.040%
17	7.422	764	771	783	rBV	959648	1565817	43.69%	3.272%
18	7.510	783	786	797	rVB9	8028	24463	0.68%	0.051%
19	8.157	890	896	910	rBV	430020	834988	23.30%	1.745%
20	8.263	911	914	924	rVB2	20690	41381	1.15%	0.086%
21	8.363	929	931	935	rVB5	4397	5350	0.15%	0.011%
22	8.498	950	954	957	rVB5	3381	4867	0.14%	0.010%
23	8.581	962	968	982	rBV	586521	1044958	29.16%	2.184%
24	8.963	1031	1033	1037	rBV4	3377	4465	0.12%	0.009%
25	9.010	1037	1041	1046	rVB3	12811	19916	0.56%	0.042%
26	9.298	1084	1090	1109	rBV	472820	852983	23.80%	1.783%
27	9.522	1125	1128	1131	rVB5	3468	4480	0.13%	0.009%
28	9.839	1175	1182	1204	rBV	644331	1268408	35.39%	2.651%
29	10.192	1232	1242	1258	rBV	1393100	2288669	63.86%	4.783%
30	10.351	1262	1269	1292	rBV	489806	1137029	31.73%	2.376%
31	11.498	1461	1464	1468	rVB4	5294	6350	0.18%	0.013%
32	11.804	1512	1516	1524	rVB4	7844	17390	0.49%	0.036%
33	11.875	1524	1528	1530	rBV4	3105	4521	0.13%	0.009%
34	12.110	1562	1568	1569	rBV4	4217	5383	0.15%	0.011%

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35	12.592	1649	1650	1654	rBV4	2881	4455	0.12%	0.009%
36	12.698	1663	1668	1671	rBV6	6001	7321	0.20%	0.015%
37	12.922	1702	1706	1711	rBV4	6650	11854	0.33%	0.025%
38	12.998	1716	1719	1724	rVB5	4477	6572	0.18%	0.014%
39	13.398	1779	1787	1790	rBV7	5818	11244	0.31%	0.023%
40	13.463	1796	1798	1801	rBV4	3471	4499	0.13%	0.009%
41	13.516	1801	1807	1812	rVV	1417960	1962464	54.76%	4.101%
42	13.563	1812	1815	1824	rVB	319510	453600	12.66%	0.948%
43	13.780	1845	1852	1866	rBV	1557836	2400928	66.99%	5.018%
44	13.886	1868	1870	1876	rVB6	4057	6786	0.19%	0.014%
45	14.016	1889	1892	1896	rVB2	11503	12844	0.36%	0.027%
46	14.092	1898	1905	1915	rBV	1968527	2943760	82.14%	6.152%
47	14.357	1944	1950	1972	rBV	203495	626196	17.47%	1.309%
48	14.557	1980	1984	1996	rVB9	24193	48697	1.36%	0.102%
49	14.710	2007	2010	2012	rBV4	3602	4523	0.13%	0.009%
50	14.780	2018	2022	2024	rBV4	3109	5192	0.14%	0.011%
51	14.921	2042	2046	2048	rBV2	5814	7463	0.21%	0.016%
52	14.980	2053	2056	2061	rVB4	13570	17517	0.49%	0.037%
53	15.027	2062	2064	2069	rBV5	3638	4560	0.13%	0.010%
54	15.092	2069	2075	2086	rVV	2029733	2949045	82.29%	6.163%
55	15.174	2086	2089	2093	rVV3	8231	12262	0.34%	0.026%
56	15.251	2097	2102	2113	rVV	245679	427159	11.92%	0.893%
57	15.333	2113	2116	2123	rVV3	24661	41125	1.15%	0.086%
58	15.380	2123	2124	2129	rVB5	5658	5972	0.17%	0.012%
59	15.539	2147	2151	2155	rVB4	8445	11780	0.33%	0.025%
60	15.598	2155	2161	2163	rBV7	4207	6671	0.19%	0.014%
61	15.792	2191	2194	2197	rVB4	4480	4624	0.13%	0.010%
62	15.845	2199	2203	2207	rVV5	12268	20526	0.57%	0.043%
63	15.880	2207	2209	2214	rVB3	9622	12304	0.34%	0.026%
64	16.015	2226	2232	2236	rBV7	5612	11869	0.33%	0.025%
65	16.092	2241	2245	2250	rVB4	10408	17114	0.48%	0.036%
66	16.186	2259	2261	2264	rBV3	3306	4318	0.12%	0.009%
67	16.251	2270	2272	2276	rVB3	5096	4696	0.13%	0.010%
68	16.345	2284	2288	2289	rBV4	4218	4155	0.12%	0.009%
69	16.410	2294	2299	2307	rVB	64902	94912	2.65%	0.198%
70	16.533	2316	2320	2323	rBV5	6283	9898	0.28%	0.021%
71	16.639	2334	2338	2342	rBV2	21520	29044	0.81%	0.061%

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72	16.686	2344	2346	2350	rVB5	6148	7162	0.20%	0.015%
73	16.851	2367	2374	2384	rBV	2358883	3273568	91.34%	6.842%
74	16.945	2384	2390	2404	rVB2	1947271	2865778	79.96%	5.989%
75	17.104	2415	2417	2421	rVB5	6528	5195	0.14%	0.011%
76	17.162	2423	2427	2428	rBV4	5224	6847	0.19%	0.014%
77	17.180	2428	2430	2432	rVV3	4933	4782	0.13%	0.010%
78	17.374	2461	2463	2469	rVB5	12400	17765	0.50%	0.037%
79	17.651	2508	2510	2515	rVB5	5522	5690	0.16%	0.012%
80	17.774	2527	2531	2541	rBV	92075	162617	4.54%	0.340%
81	17.951	2559	2561	2562	rBV2	4915	4033	0.11%	0.008%
82	18.062	2576	2580	2581	rBV4	11018	14594	0.41%	0.031%
83	18.092	2582	2585	2592	rVB3	28407	56084	1.56%	0.117%
84	18.204	2602	2604	2608	rVB4	16801	17076	0.48%	0.036%
85	18.486	2650	2652	2657	rBV6	6378	8060	0.22%	0.017%
86	18.715	2687	2691	2693	rBV4	16845	21691	0.61%	0.045%
87	18.892	2717	2721	2724	rBV	24753	36477	1.02%	0.076%
88	19.074	2749	2752	2758	rBV7	16626	28437	0.79%	0.059%
89	19.256	2777	2783	2794	rBV	2664873	3575683	99.77%	7.473%
90	20.298	2957	2960	2962	rBV2	49340	55278	1.54%	0.116%
91	20.380	2970	2974	2978	rBV	273845	330490	9.22%	0.691%
92	20.668	3019	3023	3027	rBV3	136549	165439	4.62%	0.346%
93	20.803	3042	3046	3053	rBV	659339	871732	24.32%	1.822%
94	21.062	3086	3090	3100	rVB	2425163	3224887	89.98%	6.740%
95	21.245	3118	3121	3125	rBV	138337	156324	4.36%	0.327%
96	21.662	3189	3192	3202	rBV2	221754	354057	9.88%	0.740%
97	22.103	3264	3267	3271	rVB	252495	305278	8.52%	0.638%
98	22.580	3344	3348	3353	rVB	365207	480755	13.41%	1.005%
99	23.062	3424	3430	3435	rBV	2007389	3437140	95.91%	7.183%
100	23.191	3446	3452	3462	rVB	2044104	3583868	100.00%	7.490%

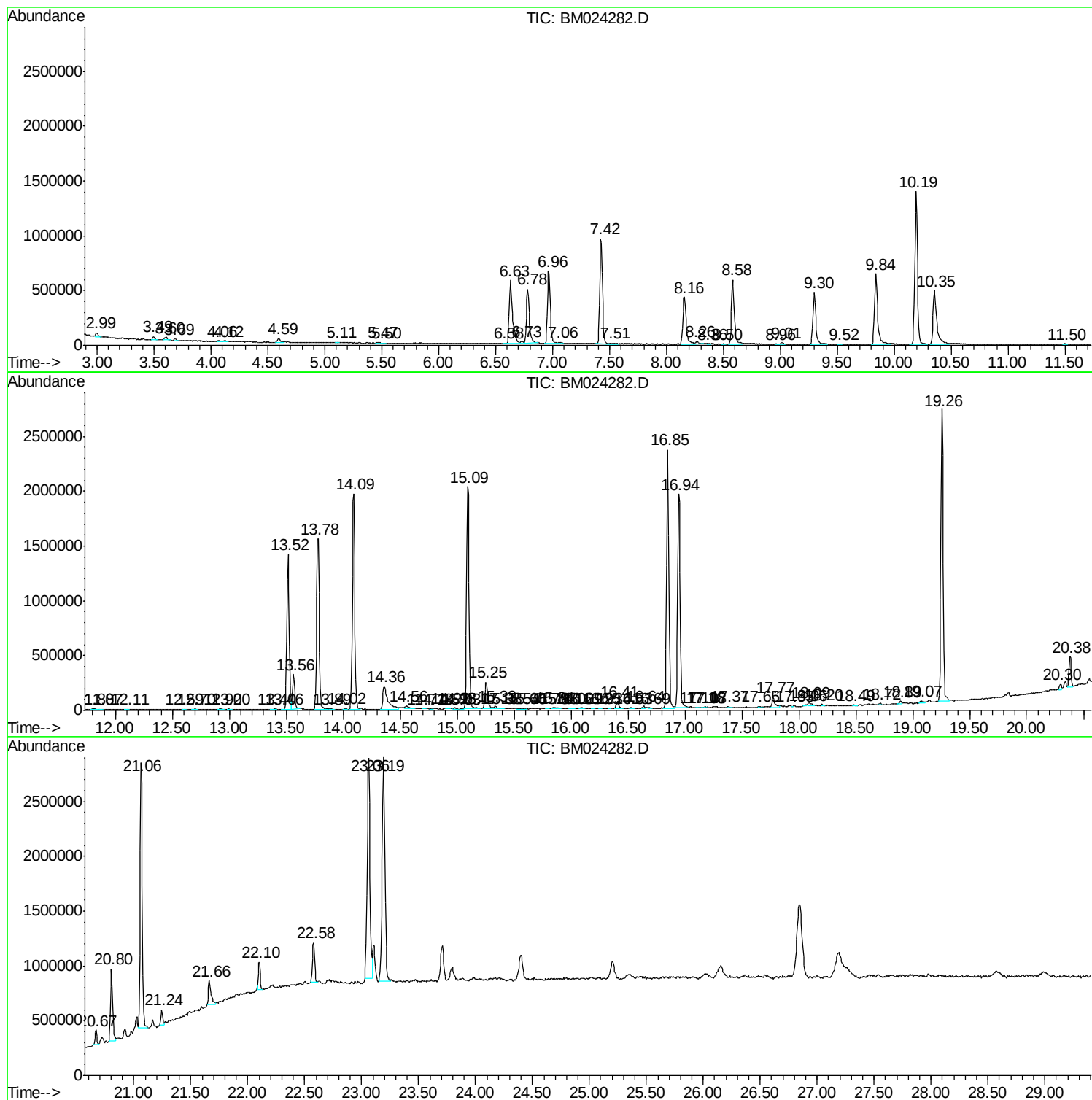
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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



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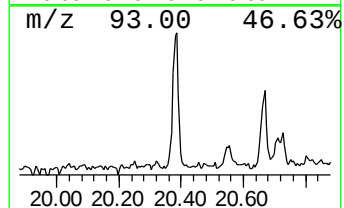
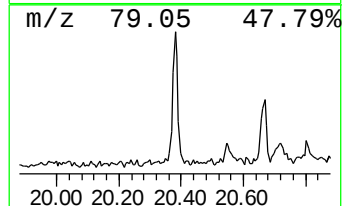
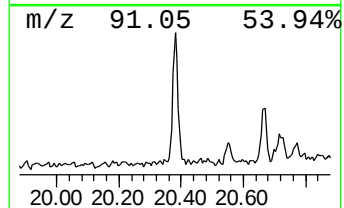
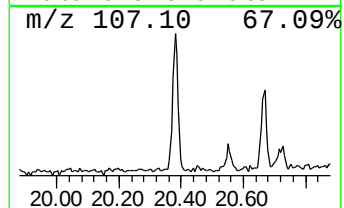
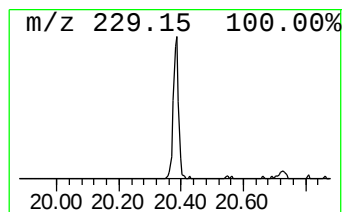
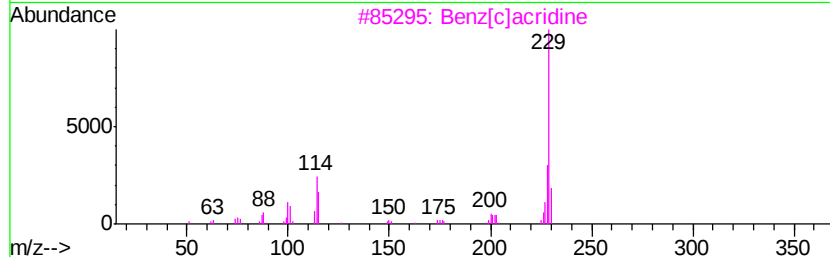
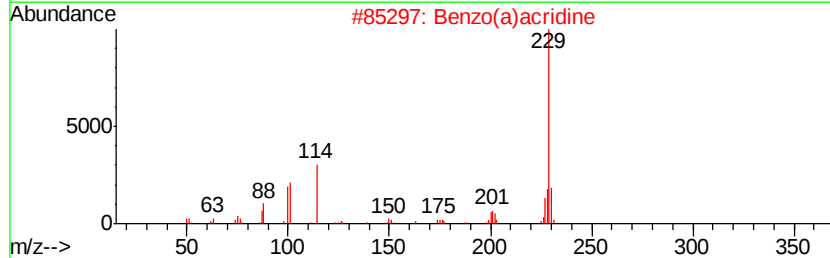
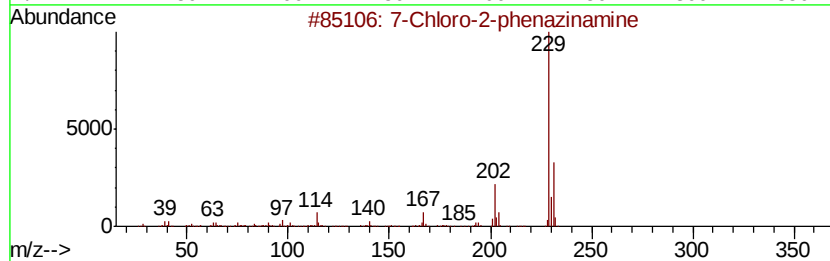
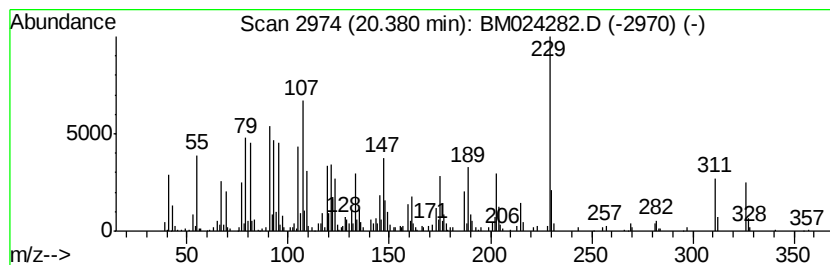
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	2.05 ng/ul	330490	Chrysene-d12	21.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Chloro-2-phenaziname	229	C12H8ClN3	023677-11-4	25
2		Benzo(a)acridine	229	C17H11N	000225-11-6	22
3		Benz[c]acridine	229	C17H11N	000225-51-4	22
4		Benzoic acid, 4-(4-propylcyclohe...	340	C22H25FO2	087592-61-8	22
5		Phenol, 2,4-di(2-penten-4-yl)-6-...	244	C17H24O	017258-43-4	22



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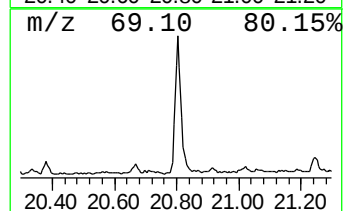
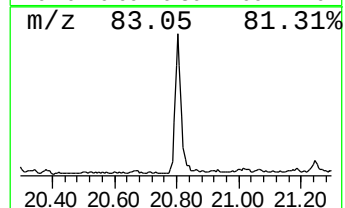
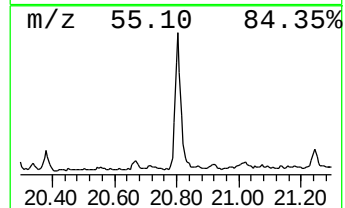
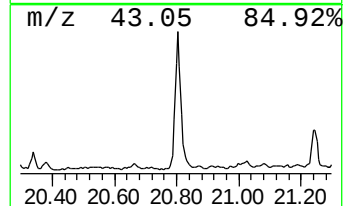
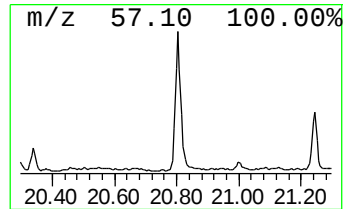
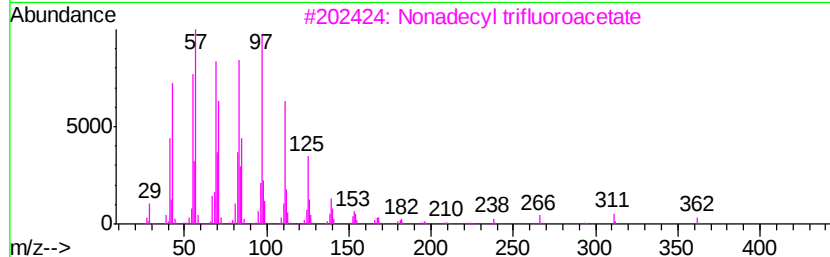
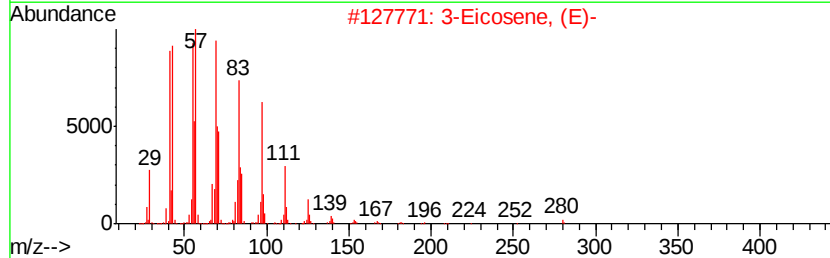
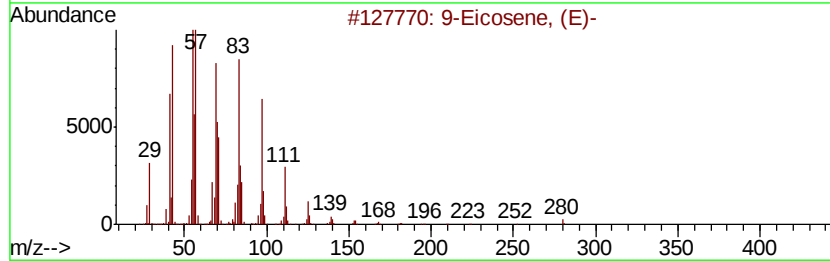
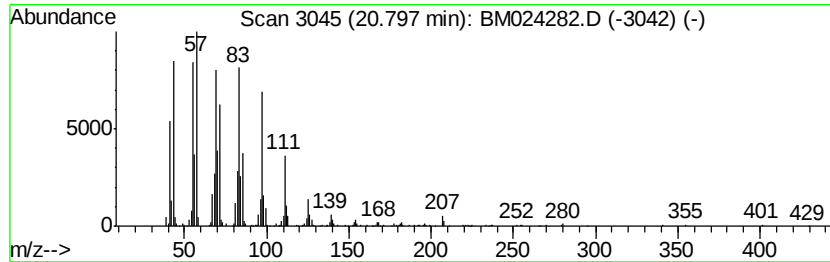
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Peak Number 2 (DEL) Alkane: Cyclic20.80 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	5.41 ng/ul	871732	Chrysene-d12	21.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	93
3		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
4		Nonadecyl heptafluorobutyrte	480	C23H39F7O2	1000351-83-9	91
5		Behenic alcohol	326	C22H46O	000661-19-8	90



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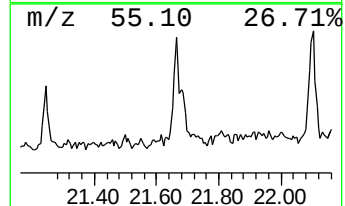
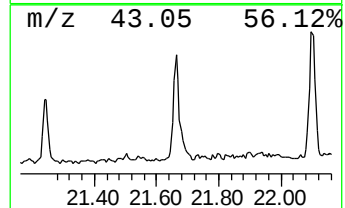
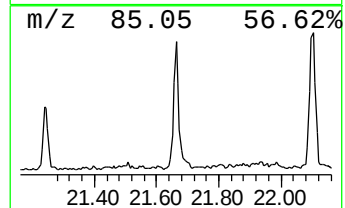
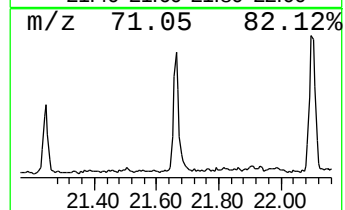
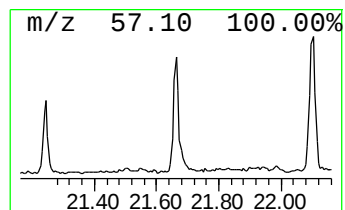
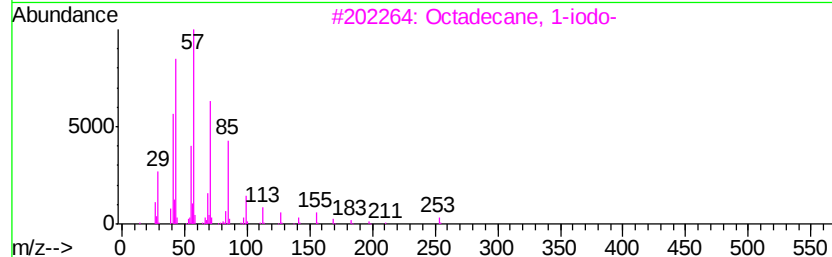
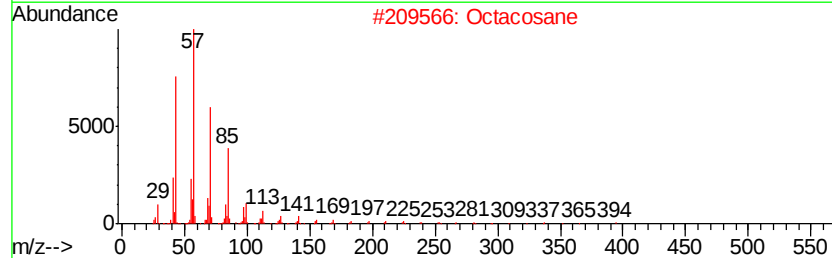
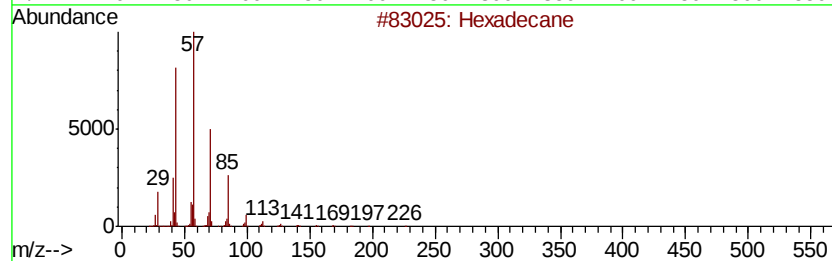
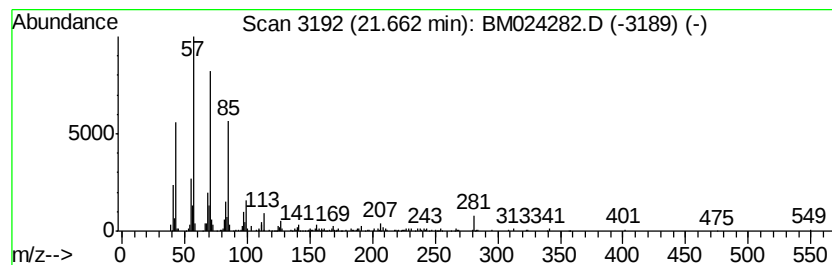
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	2.20 ng/ul	354057	Chrysene-d12	21.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane		226 C16H34	000544-76-3 93
2	Octacosane		394 C28H58	000630-02-4 87
3	Octadecane, 1-iodo-		380 C18H37I	000629-93-6 86
4	Pentadecane		212 C15H32	000629-62-9 80
5	Undecane, 6-ethyl-		184 C13H28	017312-60-6 76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024282.D
Acq On : 25 Dec 2019 10:54
Operator : JU
Sample : K6254-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C14

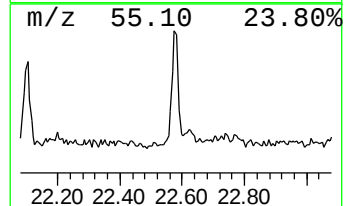
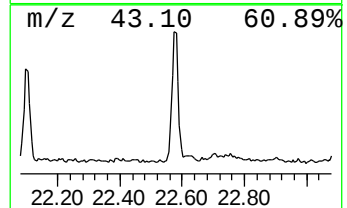
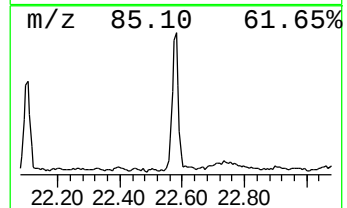
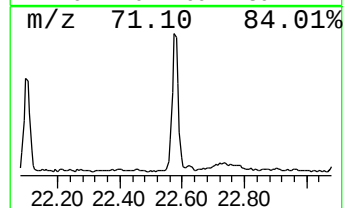
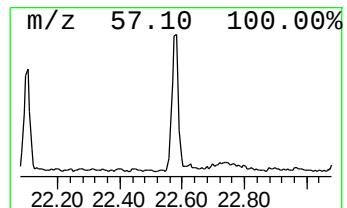
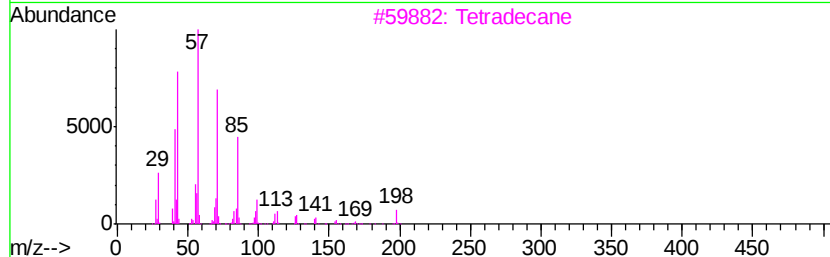
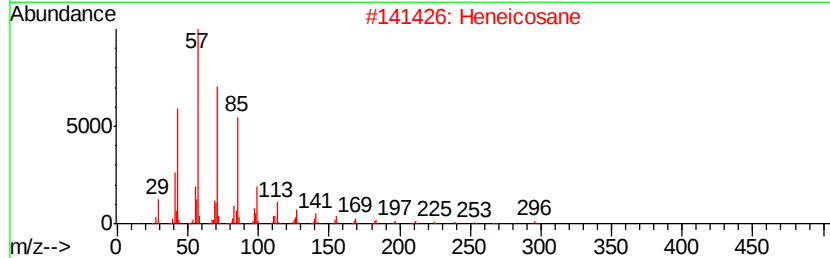
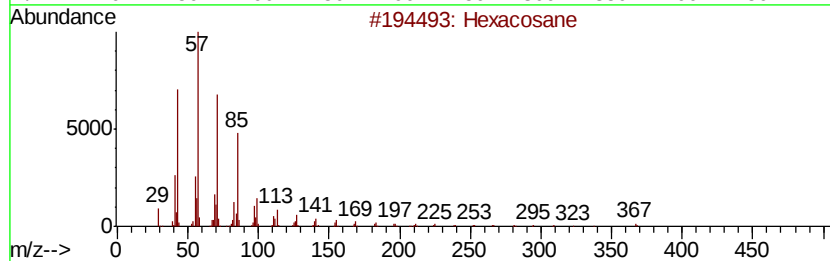
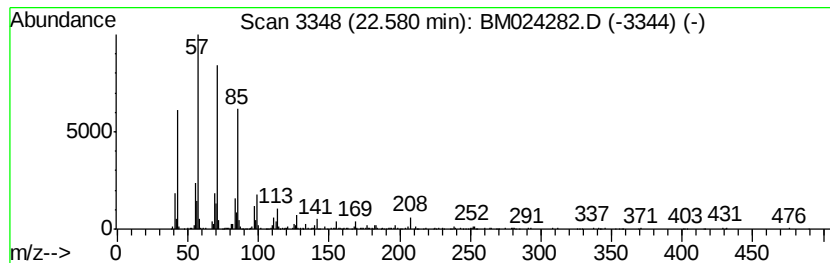
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Quant Title : SVOA CALIBRATION

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	2.68 ng/ul	480755	Perylene-d12	23.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122319\
Data File : BM024282.D
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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C14

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
unknown-01	20.38	2.0	ng/ul	330490	5	21.06	3224890	20.0
(DEL) Alkane: Cyc...	20.80	5.4	ng/ul	871732	5	21.06	3224890	20.0
(DEL) Alkane: Str...	21.66	2.2	ng/ul	354057	5	21.06	3224890	20.0
(DEL) Alkane: Str...	22.58	2.7	ng/ul	480755	6	23.19	3583870	20.0