

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
 Data File : BM024867.D
 Acq On : 13 Feb 2020 22:15
 Operator : CG/JU
 Sample : L1404-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6N4

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-BM020620MA.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	3.034	22	25	36	rVB	37301	88990	1.30%	0.089%
2	3.522	103	108	116	rBV	74010	133810	1.95%	0.134%
3	3.722	136	142	148	rBV	40252	84454	1.23%	0.085%
4	3.946	174	180	187	rBV	69241	116368	1.70%	0.117%
5	4.334	241	246	253	rBV	61542	100274	1.46%	0.101%
6	4.599	286	291	300	rVB	77362	144762	2.11%	0.145%
7	6.599	619	631	645	rBV	874997	1512282	22.09%	1.519%
8	6.752	650	657	671	rVB	786940	1268745	18.53%	1.274%
9	6.940	682	689	703	rVB	1020265	1674929	24.46%	1.682%
10	7.393	759	766	777	rBV	1426706	2365524	34.55%	2.376%
11	8.110	881	888	899	rBV	778337	1286007	18.78%	1.292%
12	8.210	899	905	911	rVB2	35785	69065	1.01%	0.069%
13	8.534	953	960	971	rBV	874161	1438801	21.01%	1.445%
14	8.722	987	992	1001	rVB5	50549	83016	1.21%	0.083%
15	9.022	1037	1043	1049	rBV	181530	255177	3.73%	0.256%
16	9.245	1074	1081	1089	rBV	756391	1249693	18.25%	1.255%
17	9.781	1165	1172	1187	rVV	1129562	1979360	28.91%	1.988%
18	10.145	1226	1234	1240	rBV	1844892	3078378	44.96%	3.092%
19	10.192	1240	1242	1249	rVB2	73618	114607	1.67%	0.115%
20	10.292	1251	1259	1277	rBV	575755	1160027	16.94%	1.165%
21	11.704	1491	1499	1504	rVV	171856	318019	4.64%	0.319%
22	11.822	1515	1519	1530	rVB	43975	82792	1.21%	0.083%
23	12.051	1551	1558	1568	rVB	43264	71807	1.05%	0.072%
24	13.363	1775	1781	1786	rBV2	42660	71935	1.05%	0.072%
25	13.469	1793	1799	1804	rVV	2107286	2879677	42.06%	2.892%
26	13.516	1804	1807	1811	rVB	54555	75911	1.11%	0.076%
27	13.728	1836	1843	1856	rBV	2520551	3779765	55.20%	3.796%
28	13.892	1865	1871	1878	rBV3	32223	74544	1.09%	0.075%
29	14.045	1891	1897	1903	rVV	2752682	4043951	59.06%	4.061%
30	14.104	1903	1907	1918	rVV	109338	182800	2.67%	0.184%
31	14.269	1929	1935	1948	rBV	578834	1087044	15.88%	1.092%
32	14.351	1948	1949	1957	rVV6	35658	67164	0.98%	0.067%
33	14.451	1958	1966	1971	rVV	102516	214801	3.14%	0.216%
34	15.045	2061	2067	2073	rBV	3172737	4449094	64.98%	4.468%

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
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35	15.104	2073	2077	2084	rVB	144402	224728	3.28%	0.226%
36	15.180	2084	2090	2097	rBV	789117	1148583	16.77%	1.153%
37	15.404	2124	2128	2141	rVB	53655	99026	1.45%	0.099%
38	15.551	2148	2153	2161	rVV2	47867	102204	1.49%	0.103%
39	15.780	2186	2192	2197	rVV6	31005	64223	0.94%	0.064%
40	16.116	2238	2249	2254	rBV5	43316	128796	1.88%	0.129%
41	16.369	2285	2292	2298	rVV6	76406	194739	2.84%	0.196%
42	16.457	2303	2307	2316	rVB2	82590	146214	2.14%	0.147%
43	16.557	2317	2324	2329	rVV4	43934	109861	1.60%	0.110%
44	16.616	2330	2334	2339	rVV	109091	157116	2.29%	0.158%
45	16.798	2359	2365	2369	rBV	3282373	4553905	66.51%	4.573%
46	16.839	2369	2372	2377	rVV	1794354	2363932	34.52%	2.374%
47	16.898	2377	2382	2386	rVV	2954565	4179385	61.04%	4.197%
48	16.933	2386	2388	2396	rVV	302750	355150	5.19%	0.357%
49	17.210	2430	2435	2441	rBV	119892	206737	3.02%	0.208%
50	17.380	2461	2464	2471	rVB3	53635	78189	1.14%	0.079%
51	17.527	2485	2489	2493	rVB	40099	62419	0.91%	0.063%
52	17.674	2509	2514	2518	rBV	270449	387469	5.66%	0.389%
53	17.721	2518	2522	2530	rVB	372547	561914	8.21%	0.564%
54	17.804	2531	2536	2541	rVV	123832	169985	2.48%	0.171%
55	17.868	2541	2547	2551	rVV2	373433	637240	9.31%	0.640%
56	17.904	2551	2553	2559	rVB	199825	259391	3.79%	0.261%
57	18.027	2571	2574	2581	rVV5	54451	104895	1.53%	0.105%
58	18.186	2596	2601	2604	rVV	230575	313700	4.58%	0.315%
59	18.221	2604	2607	2613	rVB3	110316	161623	2.36%	0.162%
60	18.439	2635	2644	2648	rBV3	100633	203561	2.97%	0.204%
61	18.486	2649	2652	2655	rVV	83094	112810	1.65%	0.113%
62	18.527	2655	2659	2663	rVB2	72969	108385	1.58%	0.109%
63	18.610	2668	2673	2678	rBV	230773	353538	5.16%	0.355%
64	18.668	2678	2683	2686	rBV3	90776	159880	2.33%	0.161%
65	18.745	2692	2696	2705	rBV3	149808	310458	4.53%	0.312%
66	18.868	2709	2717	2723	rVV	2686720	3588745	52.41%	3.604%
67	18.951	2727	2731	2733	rVV	52962	65581	0.96%	0.066%
68	19.021	2740	2743	2748	rVV	46679	67557	0.99%	0.068%
69	19.110	2756	2758	2765	rVB3	65843	103974	1.52%	0.104%
70	19.204	2769	2774	2777	rVV	4176543	6084552	88.86%	6.111%
71	19.233	2777	2779	2784	rVV	2492886	2857446	41.73%	2.870%

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72	19.274	2784	2786	2789	rVV4	97356	117571	1.72%	0.118%
73	19.315	2789	2793	2800	rVB2	113162	234983	3.43%	0.236%
74	19.421	2807	2811	2815	rBV	134677	185441	2.71%	0.186%
75	19.574	2830	2837	2842	rBV4	215651	513201	7.50%	0.515%
76	19.709	2856	2860	2862	rVV3	164702	280154	4.09%	0.281%
77	19.739	2862	2865	2871	rVB	314377	476973	6.97%	0.479%
78	19.845	2880	2883	2886	rVB	195516	221309	3.23%	0.222%
79	19.898	2888	2892	2896	rBV2	314769	428282	6.25%	0.430%
80	20.039	2912	2916	2919	rBV	234405	287122	4.19%	0.288%
81	20.086	2920	2924	2928	rVV	179658	248604	3.63%	0.250%
82	20.492	2990	2993	2999	rVB	218595	293969	4.29%	0.295%
83	20.657	3018	3021	3025	rVB2	184293	237695	3.47%	0.239%
84	20.698	3025	3028	3031	rBV	213266	238232	3.48%	0.239%
85	20.727	3031	3033	3036	rVV	155449	163894	2.39%	0.165%
86	20.768	3036	3040	3052	rVB4	818462	1353463	19.77%	1.359%
87	21.009	3075	3081	3085	rBV2	4198937	6847176	100.00%	6.876%
88	21.051	3085	3088	3095	rVB	1317179	1702137	24.86%	1.709%
89	21.221	3114	3117	3121	rBV3	154276	186718	2.73%	0.188%
90	21.551	3171	3173	3177	rVB	299864	302666	4.42%	0.304%
91	21.639	3185	3188	3194	rBV4	322789	480886	7.02%	0.483%
92	22.498	3329	3334	3338	rBV	1282973	2469368	36.06%	2.480%
93	22.580	3345	3348	3357	rVB2	526982	738678	10.79%	0.742%
94	22.933	3404	3408	3411	rBV	674007	1018181	14.87%	1.023%
95	22.980	3411	3416	3420	rVV	2814614	4813542	70.30%	4.834%
96	23.021	3420	3423	3428	rVB	923796	1335557	19.51%	1.341%
97	23.109	3433	3438	3444	rVV	2641141	4292777	62.69%	4.311%
98	23.662	3528	3532	3538	rVB	571649	968179	14.14%	0.972%
99	23.727	3540	3543	3550	rVB	376673	609789	8.91%	0.612%
100	25.150	3779	3785	3795	rVB3	725755	2136072	31.20%	2.145%

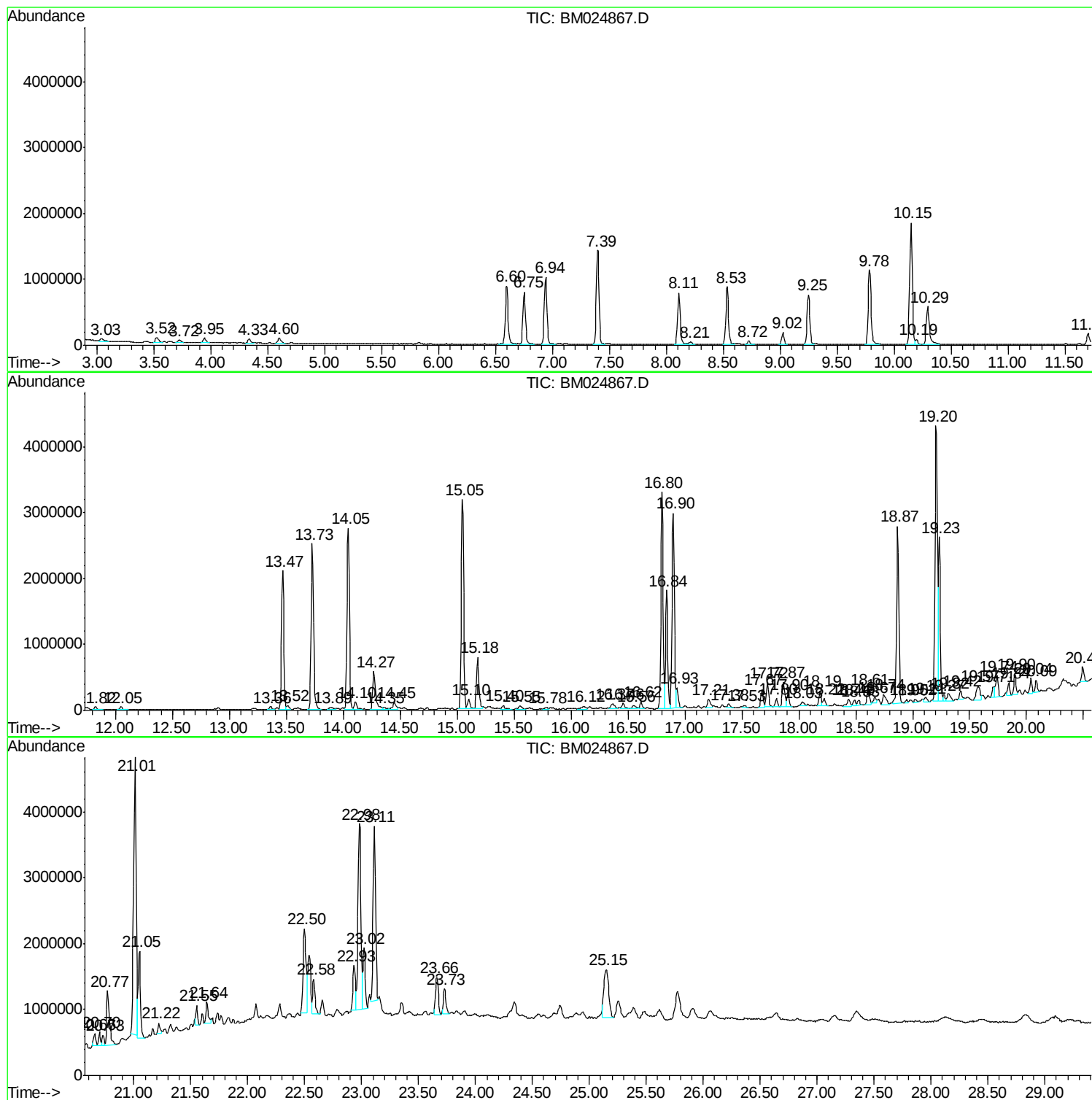
Sum of corrected areas: 99574103

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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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



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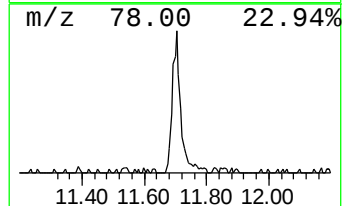
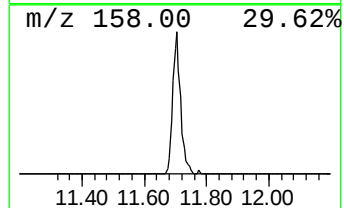
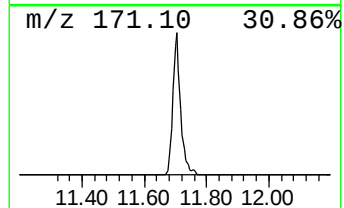
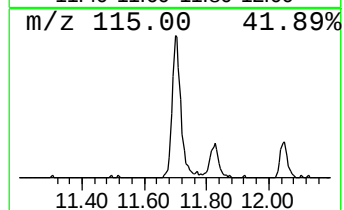
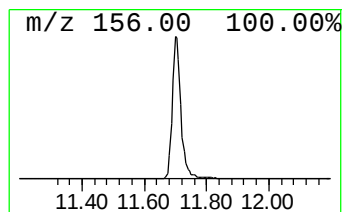
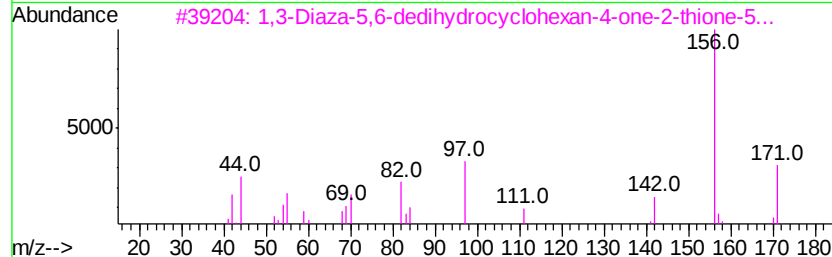
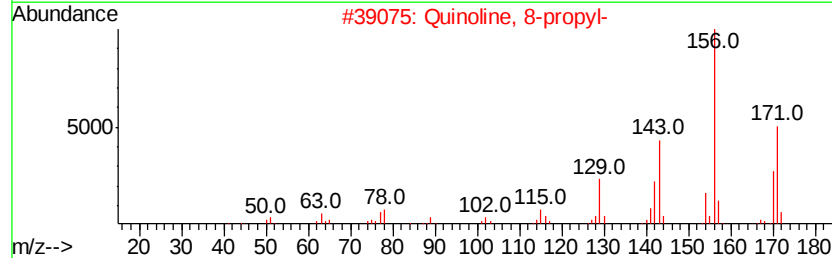
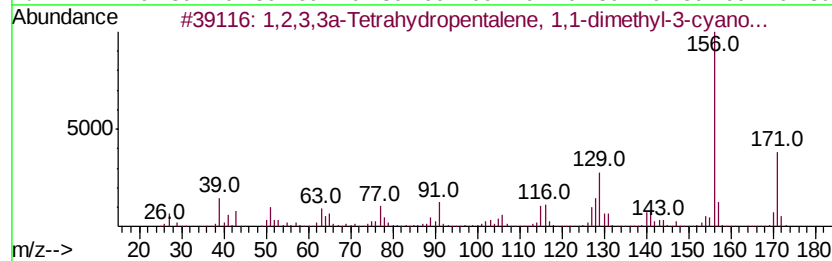
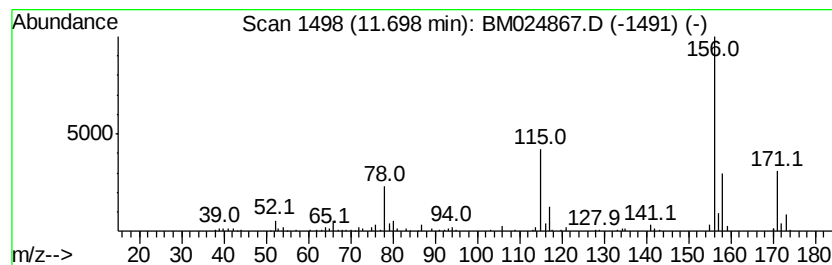
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	2.07 ng/ul	318019	Naphthalene-d8	10.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2,3,3a-Tetrahydropentalene, 1,...	171	C12H13N	1000217-17-0	37
2		Quinoline, 8-propyl-	171	C12H13N	007661-53-2	32
3		1,3-Diaza-5,6-dedihydrocyclohexa...	171	C6H9N3OS	021263-85-4	32
4		Benzene, 1-chloro-4-methoxy-2-me...	156	C8H9ClO	013334-71-9	32
5		Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	28



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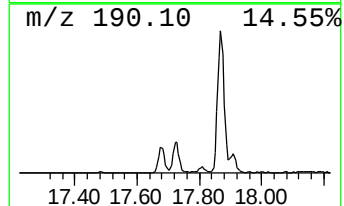
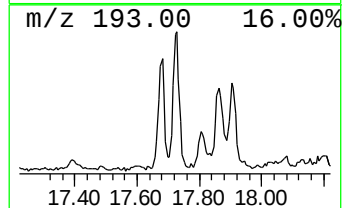
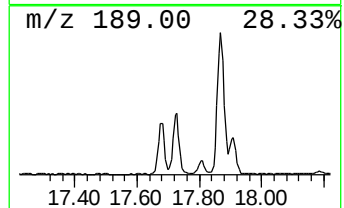
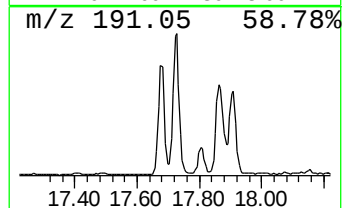
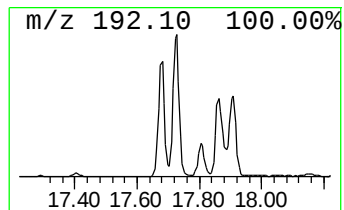
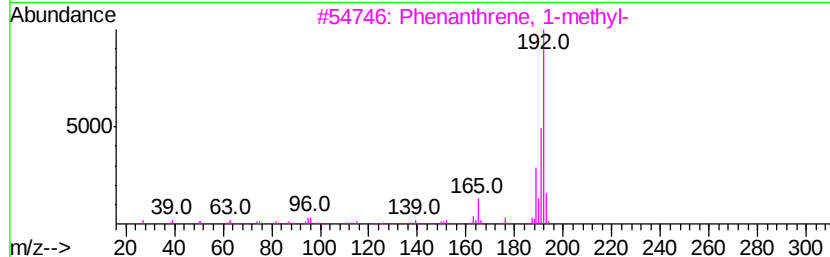
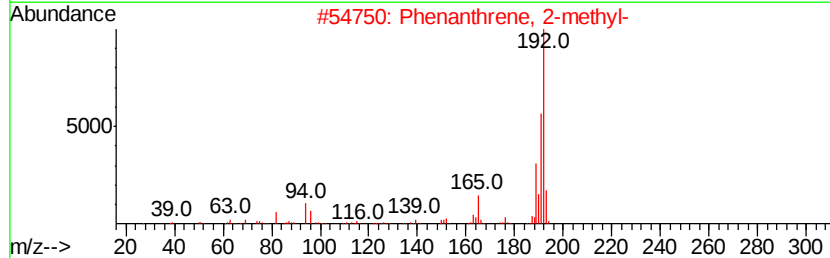
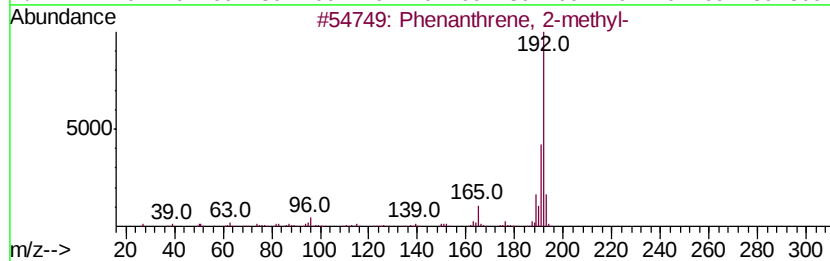
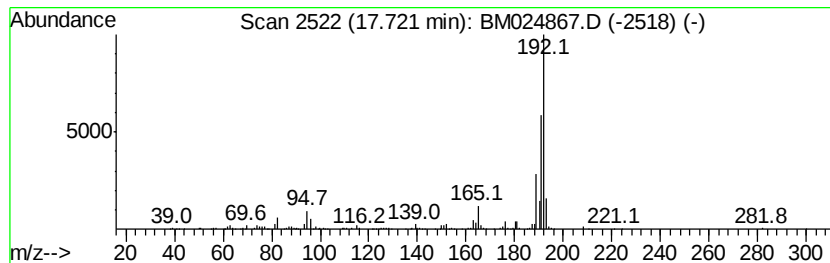
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	2.47 ng/ul	561914	Phenanthrene-d10	16.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95



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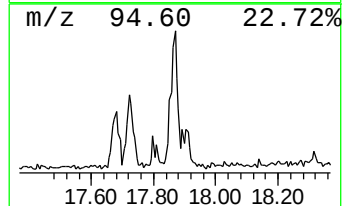
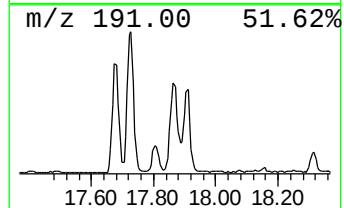
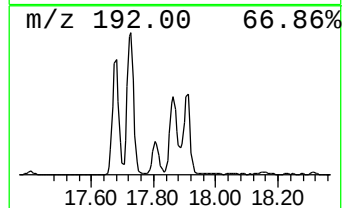
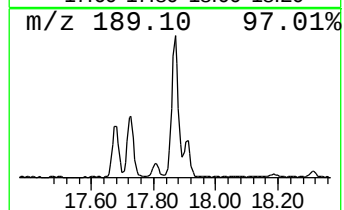
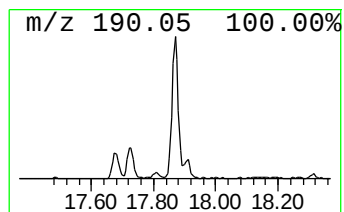
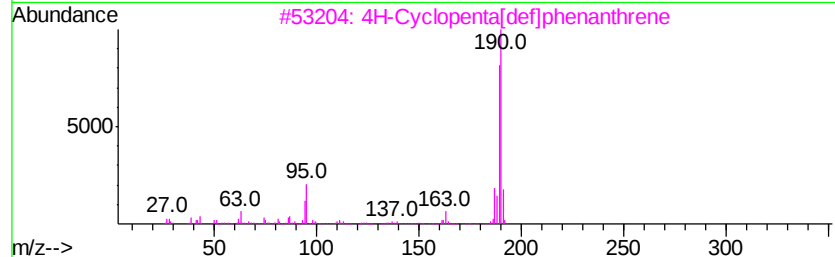
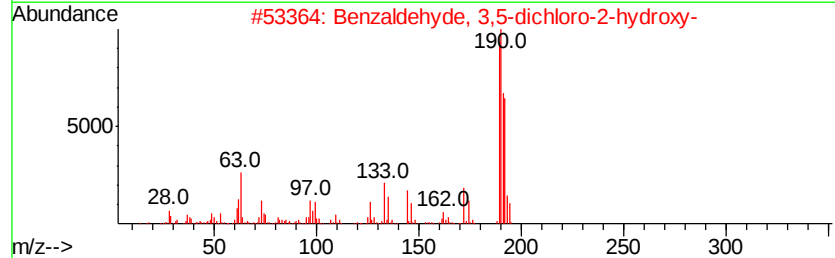
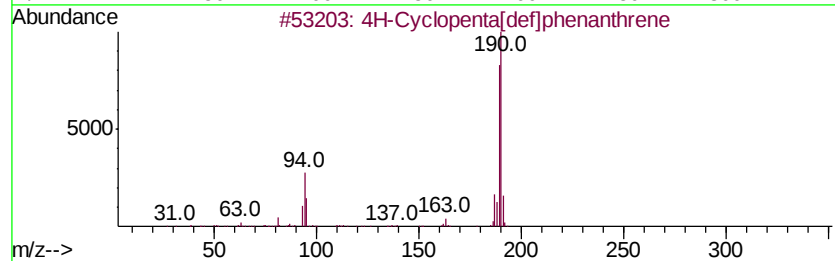
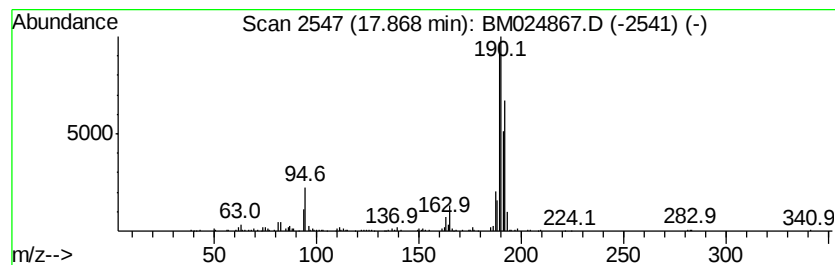
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TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.80 ng/ul	637240	Phenanthrene-d10	16.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
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Operator : CG/JU
Sample : L1404-10
Misc :
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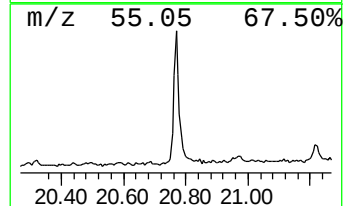
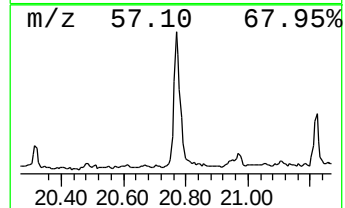
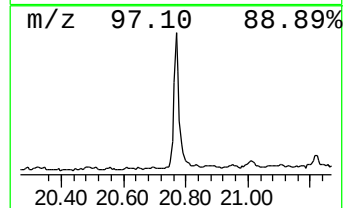
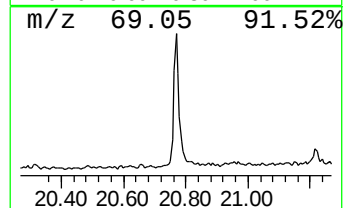
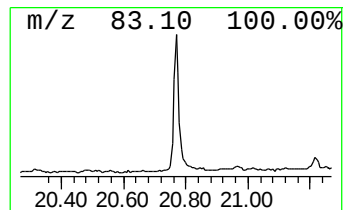
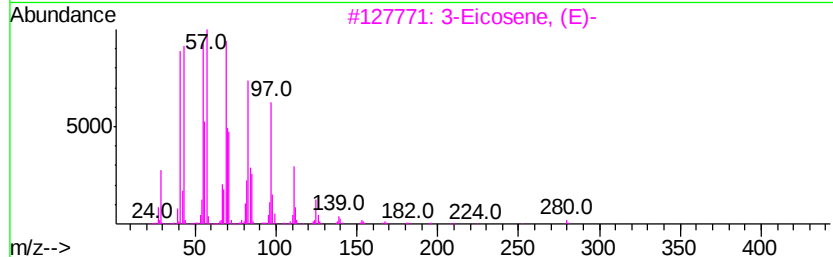
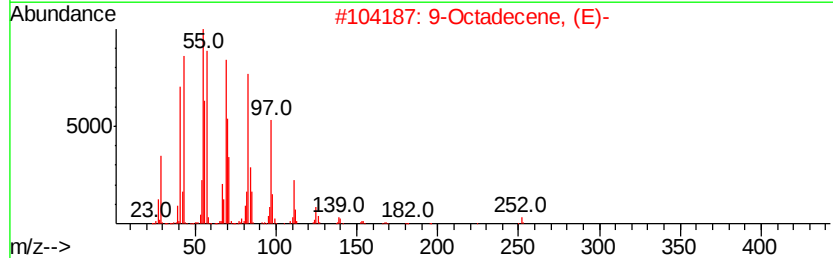
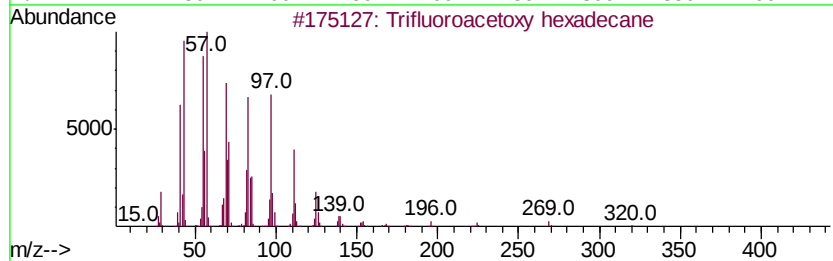
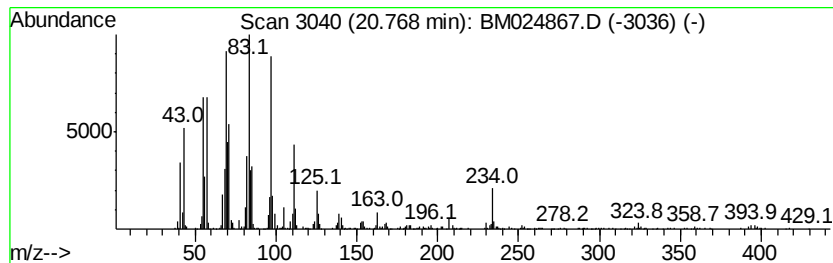
Instrument :
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ClientSampleId :
CB6N4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Trifluoroacetoxy hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.77	3.95 ng/ul	1353460	Chrysene-d12	21.01		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
2		9-Octadecene, (E)-	252	C18H36	007206-25-9	90
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	81
4		Cyclotetracosane	336	C24H48	000297-03-0	76
5		1-Docosene	308	C22H44	001599-67-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024867.D
Acq On : 13 Feb 2020 22:15
Operator : CG/JU
Sample : L1404-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

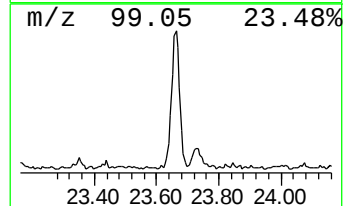
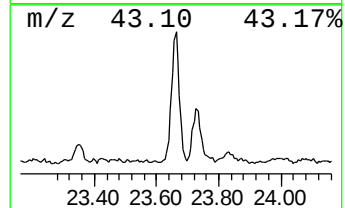
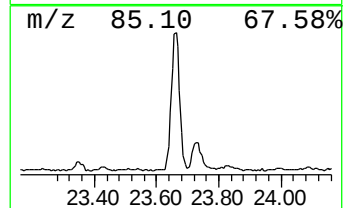
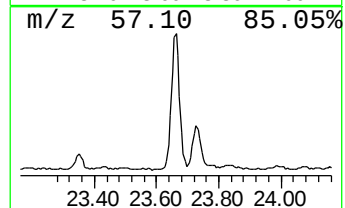
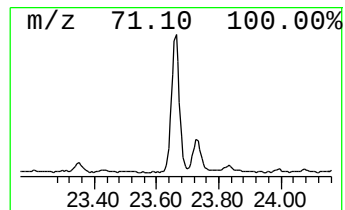
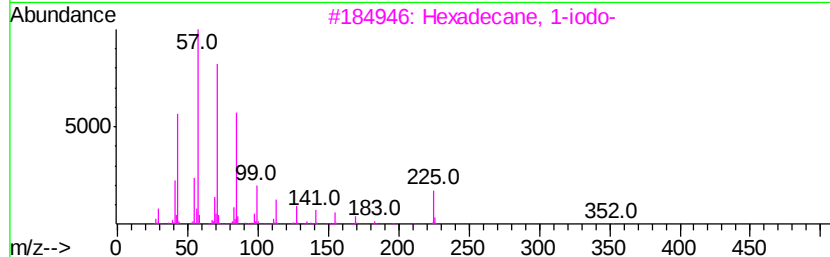
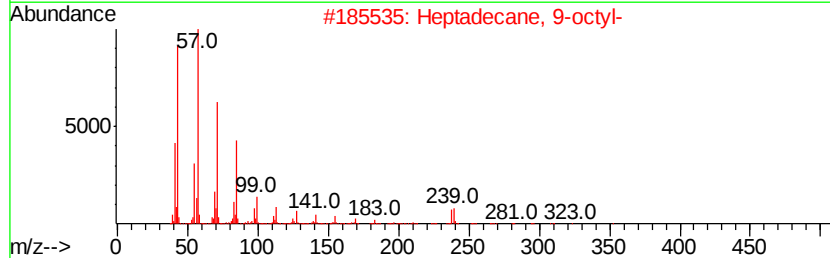
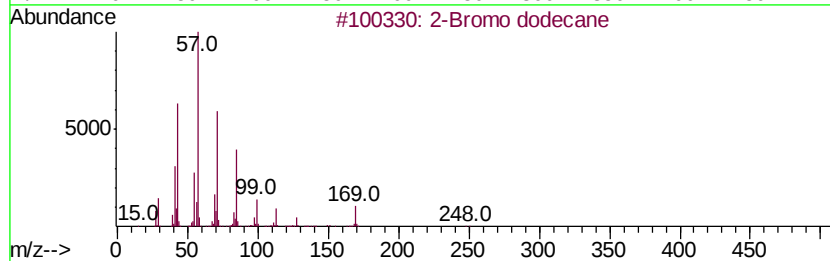
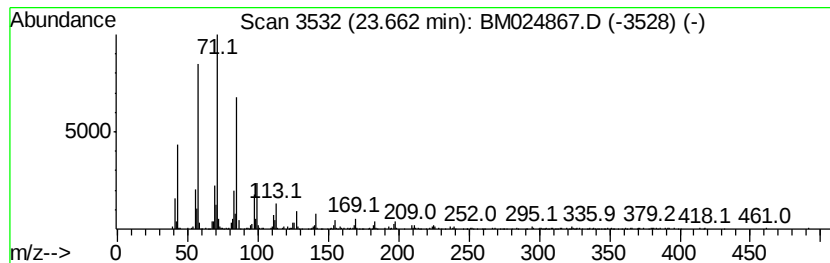
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 2-Bromo dodecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.66	4.51 ng/ul	968179	Perylene-d12	23.11
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Bromo dodecane		248 C12H25Br	013187-99-0 95
2	Heptadecane, 9-octyl-		352 C25H52	007225-64-1 89
3	Hexadecane, 1-iodo-		352 C16H33I	000544-77-4 87
4	Heptacosane		380 C27H56	000593-49-7 84
5	2-methyloctacosane		408 C29H60	1000376-72-8 83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
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Sample : L1404-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6N4

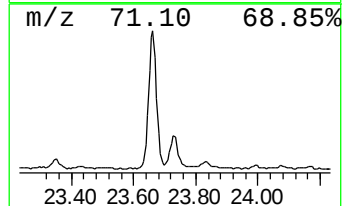
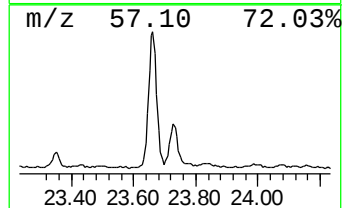
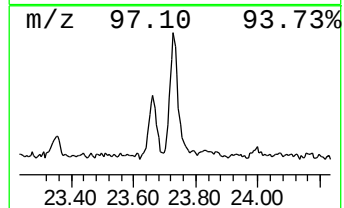
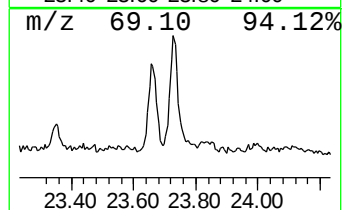
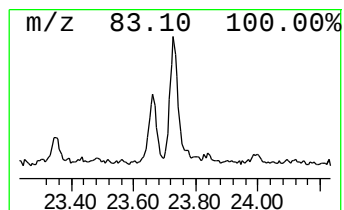
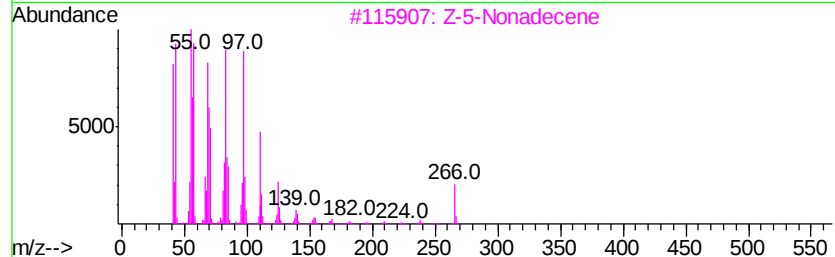
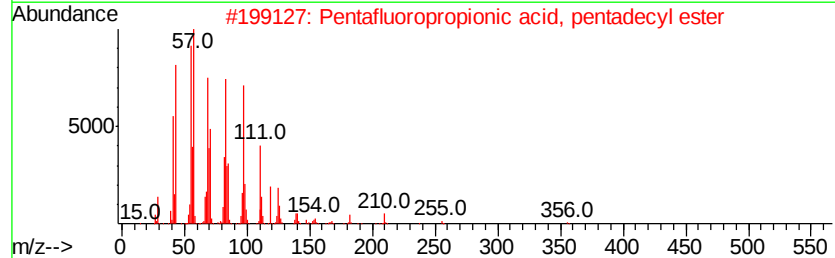
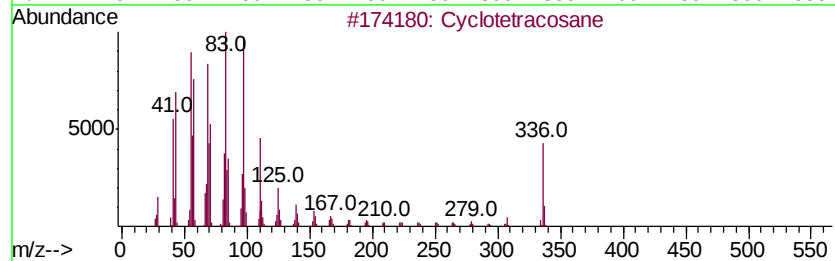
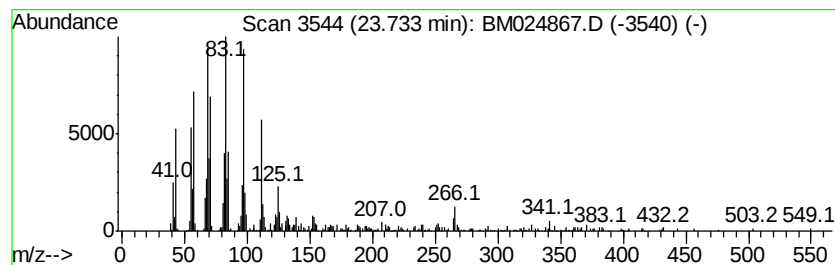
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic23.73 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.73	2.84 ng/ul	609789	Perylene-d12	23.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	93
2		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90
3		Z-5-Nonadecene	266	C19H38	1000131-11-8	87
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	86
5		1-Nonadecene	266	C19H38	018435-45-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021320\
Data File : BM024867.D
Acq On : 13 Feb 2020 22:15
Operator : CG/JU
Sample : L1404-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6N4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.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	11.70	2.1	ng/ul	318019	2	10.15	3078380	20.0
Phenanthrene, 2-m...	17.72	2.5	ng/ul	561914	4	16.80	4553910	20.0
4H-Cyclopenta[def...	17.87	2.8	ng/ul	637240	4	16.80	4553910	20.0
Trifluoroacetoxy ...	20.77	4.0	ng/ul	1353460	5	21.01	6847180	20.0
2-Bromo dodecane	23.66	4.5	ng/ul	968179	6	23.11	4292780	20.0
(DEL) Alkane: Cyc...	23.73	2.8	ng/ul	609789	6	23.11	4292780	20.0