

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
 Data File : BN002971.D
 Acq On : 05 Oct 2018 20:10
 Operator : MJ/SJ
 Sample : J5230-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z04

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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-BN091418MA.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	3.199	32	36	44	rVB2	23148	35942	1.10%	0.071%
2	3.693	116	120	129	rVB	29951	42594	1.30%	0.084%
3	6.822	646	652	671	rVB2	420425	870206	26.60%	1.718%
4	6.969	671	677	692	rBV	362116	589665	18.03%	1.164%
5	7.169	704	711	721	rBV	457276	757067	23.14%	1.494%
6	7.622	780	788	797	rBV	486033	811462	24.81%	1.602%
7	8.346	904	911	922	rBV	490649	867719	26.52%	1.713%
8	8.775	977	984	991	rBV	453782	760831	23.26%	1.502%
9	9.493	1099	1106	1116	rBV	398376	690522	21.11%	1.363%
10	10.034	1192	1198	1218	rVB	557511	1071690	32.76%	2.115%
11	10.393	1246	1259	1266	rBV	782253	1344408	41.10%	2.654%
12	10.446	1266	1268	1274	rVB	34421	43431	1.33%	0.086%
13	10.546	1278	1285	1299	rBV	389823	769492	23.52%	1.519%
14	11.416	1426	1433	1438	rVB2	27615	42585	1.30%	0.084%
15	11.822	1494	1502	1508	rBV2	22337	39353	1.20%	0.078%
16	12.069	1537	1544	1552	rVB	44523	77225	2.36%	0.152%
17	12.287	1577	1581	1587	rVB	39688	59084	1.81%	0.117%
18	13.087	1710	1717	1727	rVB2	41028	72969	2.23%	0.144%
19	13.581	1796	1801	1806	rBV3	52807	92605	2.83%	0.183%
20	13.634	1806	1810	1812	rVV	27097	36510	1.12%	0.072%
21	13.681	1812	1818	1822	rVV	1094597	1604838	49.06%	3.168%
22	13.722	1822	1825	1834	rVB	360670	563698	17.23%	1.113%
23	13.951	1855	1864	1876	rBV	1333165	2221233	67.90%	4.384%
24	14.169	1892	1901	1905	rBV2	42215	65045	1.99%	0.128%
25	14.263	1907	1917	1925	rBV2	1181336	1902002	58.14%	3.754%
26	14.522	1955	1961	1976	rBV	211895	548707	16.77%	1.083%
27	14.669	1981	1986	1990	rBV2	44041	68306	2.09%	0.135%
28	14.887	2014	2023	2029	rBV5	21976	54558	1.67%	0.108%
29	14.981	2036	2039	2045	rVB8	24998	38398	1.17%	0.076%
30	15.057	2045	2052	2056	rBV7	37205	74254	2.27%	0.147%
31	15.122	2061	2063	2070	rVB2	47412	64330	1.97%	0.127%
32	15.263	2081	2087	2093	rBV	1750650	2494832	76.26%	4.924%
33	15.316	2093	2096	2101	rVB3	25071	39795	1.22%	0.079%
34	15.416	2107	2113	2122	rBV	419162	659362	20.16%	1.301%

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 Title : SVOA CALIBRATION

35	15.504	2124	2128	2130	rVV2	29008	40529	1.24%	0.080%
36	15.534	2130	2133	2141	rVV5	31578	62411	1.91%	0.123%
37	15.616	2143	2147	2153	rVB3	30716	55822	1.71%	0.110%
38	15.757	2166	2171	2180	rVB2	211124	315553	9.65%	0.623%
39	15.851	2180	2187	2192	rBV7	21424	35917	1.10%	0.071%
40	16.010	2206	2214	2220	rBV	97648	234290	7.16%	0.462%
41	16.563	2303	2308	2311	rBV6	37123	64633	1.98%	0.128%
42	16.681	2323	2328	2334	rBV3	44510	82057	2.51%	0.162%
43	16.781	2342	2345	2351	rVV2	76631	111698	3.41%	0.220%
44	16.834	2351	2354	2365	rVB6	36308	69158	2.11%	0.137%
45	17.016	2379	2385	2390	rBV2	1490104	2216020	67.74%	4.374%
46	17.063	2390	2393	2397	rVV	212399	275195	8.41%	0.543%
47	17.116	2397	2402	2414	rVB2	1829501	2711164	82.88%	5.351%
48	17.210	2414	2418	2425	rBV6	23625	48415	1.48%	0.096%
49	17.434	2452	2456	2463	rBV3	30689	69169	2.11%	0.137%
50	17.516	2467	2470	2477	rVB2	60839	97354	2.98%	0.192%
51	17.639	2487	2491	2497	rVB	174839	227113	6.94%	0.448%
52	17.892	2531	2534	2536	rBV	64318	80014	2.45%	0.158%
53	17.928	2536	2540	2541	rBV	86912	109479	3.35%	0.216%
54	17.992	2547	2551	2555	rBV	148745	193742	5.92%	0.382%
55	18.081	2562	2566	2571	rBV2	88863	157779	4.82%	0.311%
56	18.128	2571	2574	2579	rVB	66144	89131	2.72%	0.176%
57	18.216	2584	2589	2593	rBV2	89321	124204	3.80%	0.245%
58	18.292	2599	2602	2607	rVB6	32921	45299	1.38%	0.089%
59	18.398	2616	2620	2625	rBV2	71334	115117	3.52%	0.227%
60	18.457	2626	2630	2638	rVB	52985	97194	2.97%	0.192%
61	18.616	2654	2657	2659	rBV3	27750	33552	1.03%	0.066%
62	18.698	2669	2671	2675	rVB2	35327	38147	1.17%	0.075%
63	18.739	2676	2678	2681	rVB	36280	38584	1.18%	0.076%
64	18.816	2682	2691	2695	rBV4	92370	249553	7.63%	0.493%
65	18.857	2695	2698	2705	rVV3	92370	179228	5.48%	0.354%
66	18.916	2705	2708	2712	rVB	45207	52128	1.59%	0.103%
67	18.969	2712	2717	2722	rBV2	78234	140525	4.30%	0.277%
68	19.086	2732	2737	2743	rVB	874596	1169230	35.74%	2.308%
69	19.151	2746	2748	2751	rVV2	34094	35651	1.09%	0.070%
70	19.239	2760	2763	2767	rVB	49607	64239	1.96%	0.127%
71	19.422	2788	2794	2797	rBV	2316070	3271359	100.00%	6.457%

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72	19.451	2797	2799	2809	rVV	856089	1100867	33.65%	2.173%
73	19.528	2809	2812	2822	rVB2	64683	125144	3.83%	0.247%
74	19.780	2850	2855	2863	rBV4	92709	248653	7.60%	0.491%
75	19.916	2874	2878	2881	rBV5	78040	138951	4.25%	0.274%
76	19.975	2886	2888	2893	rVB	116327	114343	3.50%	0.226%
77	20.475	2969	2973	2976	rVB2	144281	169796	5.19%	0.335%
78	20.710	3009	3013	3017	rBV	222196	295363	9.03%	0.583%
79	20.869	3037	3040	3043	rVB2	111509	122609	3.75%	0.242%
80	20.945	3049	3053	3060	rBV2	441525	708249	21.65%	1.398%
81	21.004	3060	3063	3070	rVB2	155912	216397	6.61%	0.427%
82	21.222	3094	3100	3104	rBV2	1982661	3147076	96.20%	6.212%
83	21.257	3104	3106	3111	rVB	478894	570362	17.44%	1.126%
84	21.375	3123	3126	3134	rBV3	249690	376334	11.50%	0.743%
85	21.804	3196	3199	3202	rBV	289489	323505	9.89%	0.639%
86	22.257	3272	3276	3289	rVB	954428	1305666	39.91%	2.577%
87	22.757	3356	3361	3363	rBV	596577	980468	29.97%	1.935%
88	23.245	3441	3444	3447	rBV	155790	221733	6.78%	0.438%
89	23.298	3447	3453	3459	rBV2	1585017	2868011	87.67%	5.661%
90	23.433	3471	3476	3482	rVB	859486	1515725	46.33%	2.992%
91	23.933	3555	3561	3572	rVB	709302	1399336	42.78%	2.762%
92	24.651	3677	3683	3698	rVB	606527	1429435	43.70%	2.821%
93	25.486	3821	3825	3835	rVB	338008	810750	24.78%	1.600%

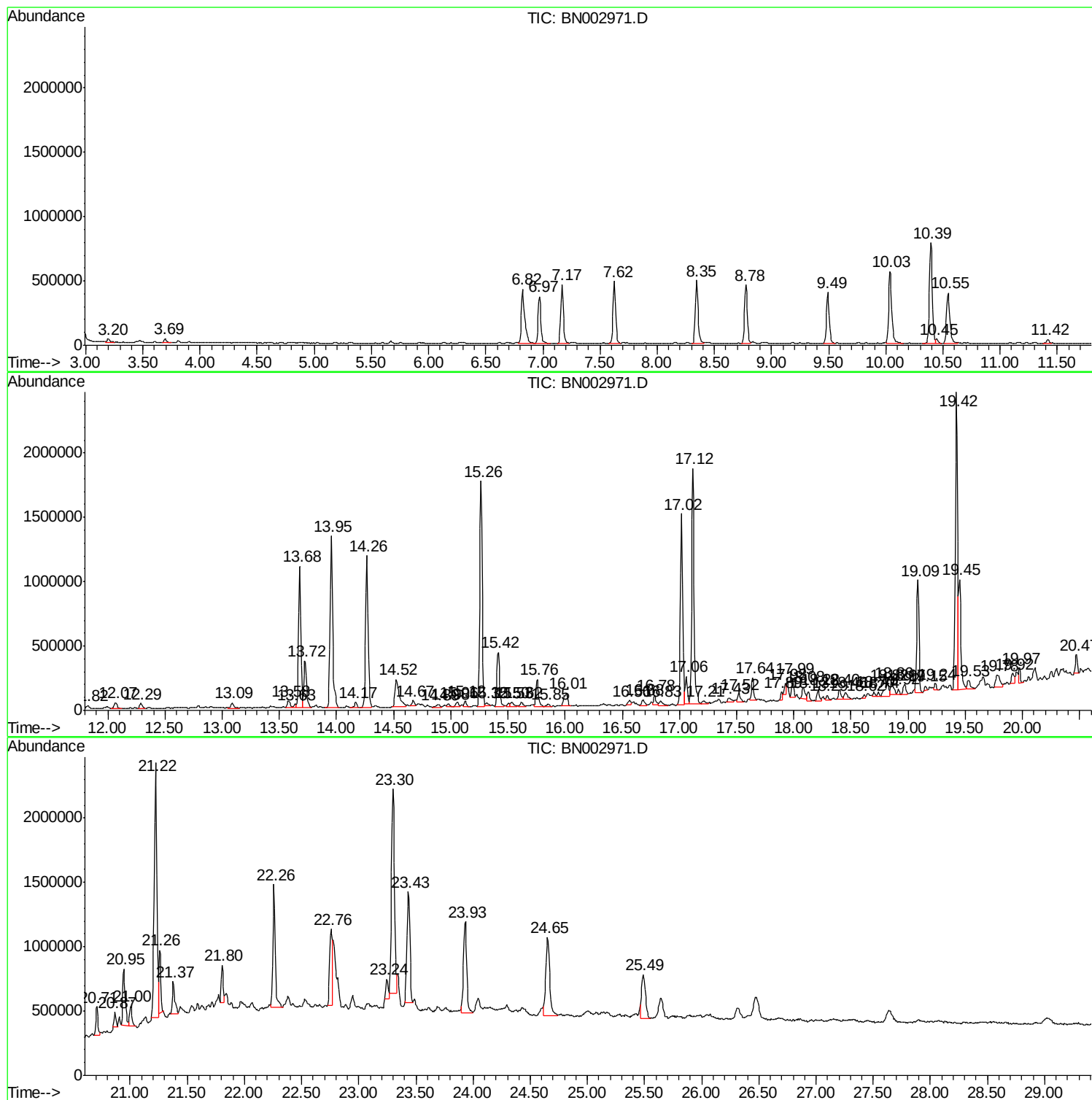
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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



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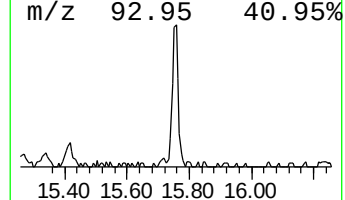
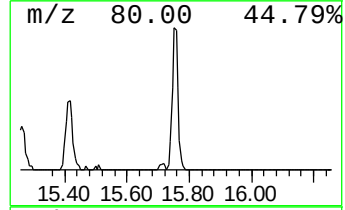
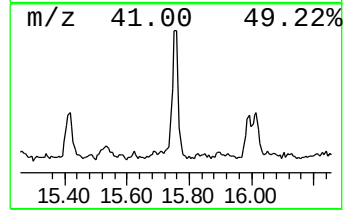
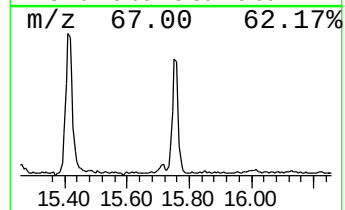
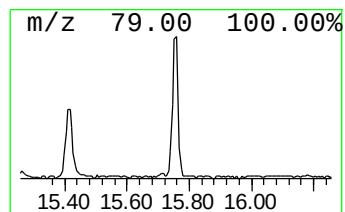
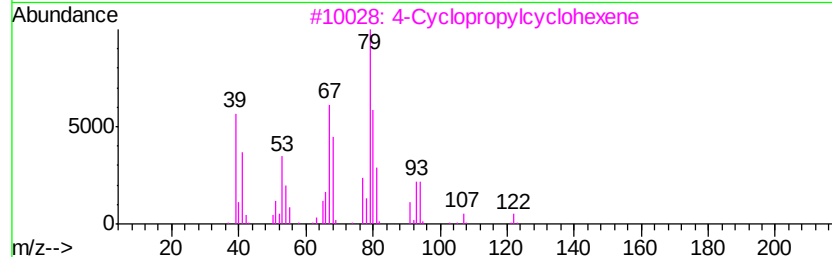
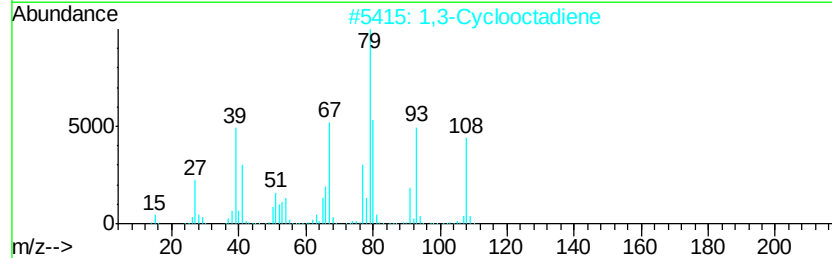
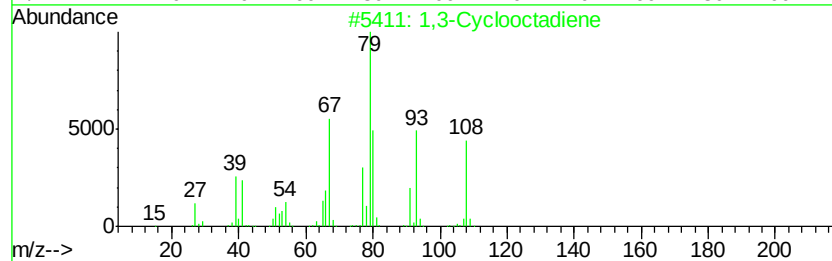
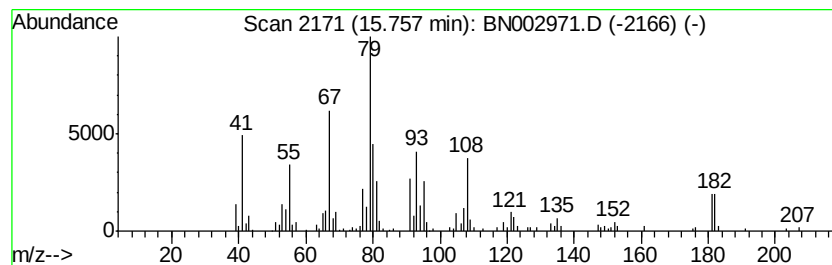
Instrument :
BNA_N
ClientSampled :
A3Z04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1,3-Cyclooctadiene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.		
15.76	2.85 ng/ul	315553	Phenanthrene-d10		17.02		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclooctadiene	108	C8H12	001700-10-3	64
2			1,3-Cyclooctadiene	108	C8H12	001700-10-3	59
3			4-Cyclopropylcyclohexene	122	C9H14	080105-51-7	49
4			1,3-Cyclooctadiene	108	C8H12	001700-10-3	46
5			2-Methyl-1-nonene-3-yne	136	C10H16	070058-00-3	45



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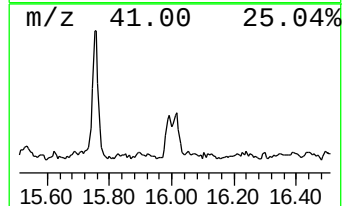
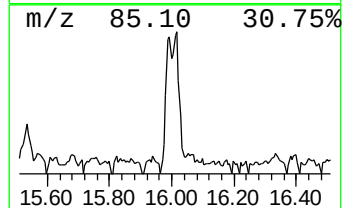
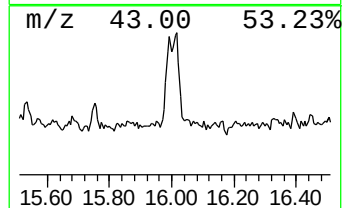
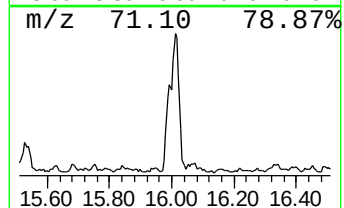
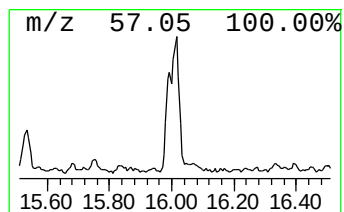
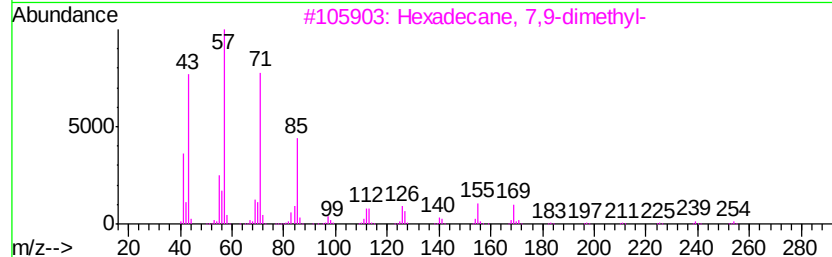
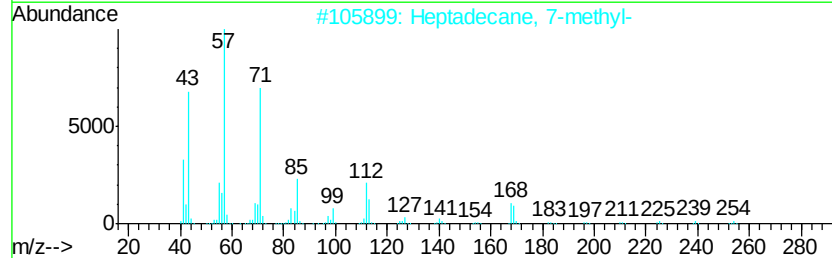
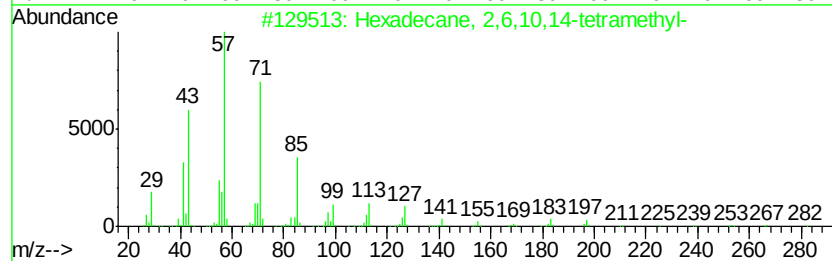
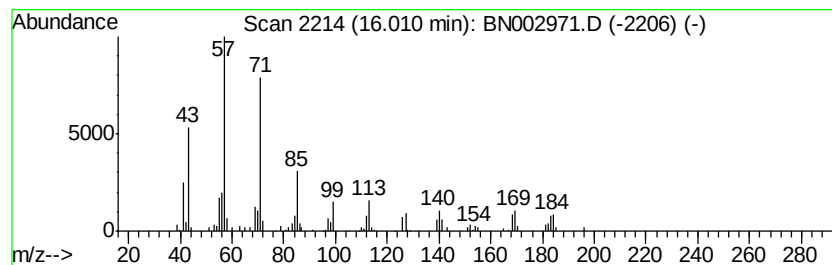
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Hexadecane, 2,6,10,14-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	2.11 ng/ul	234290	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
2		Heptadecane, 7-methyl-	254	C18H38	020959-33-5	80
3		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	72
4		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	68
5		5,5-Dibutylnonane	240	C17H36	006008-17-9	64



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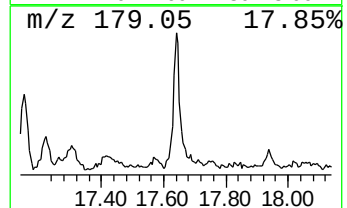
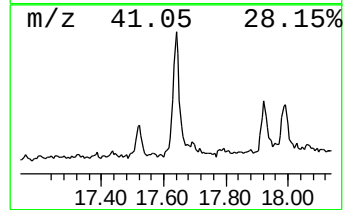
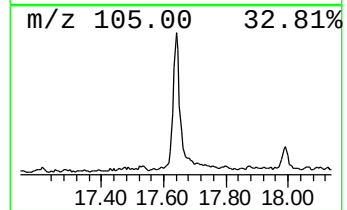
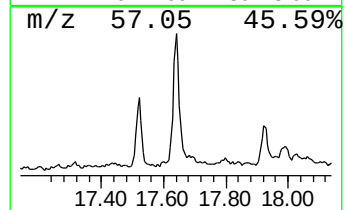
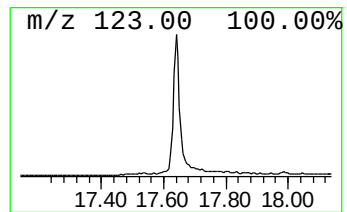
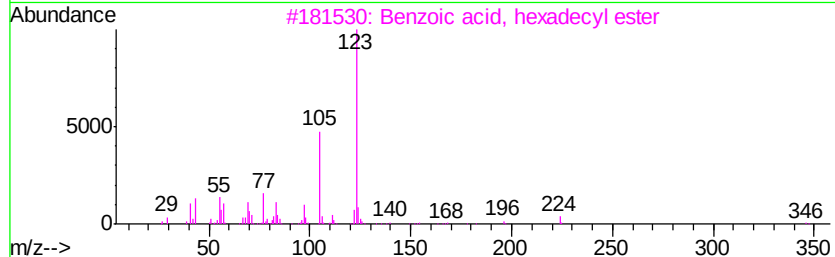
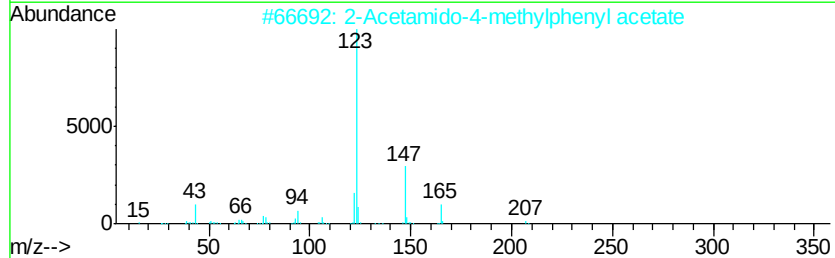
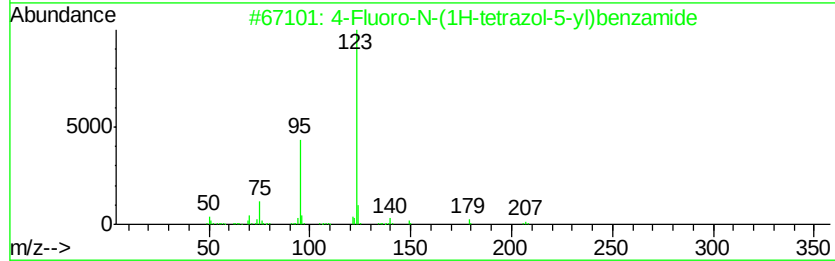
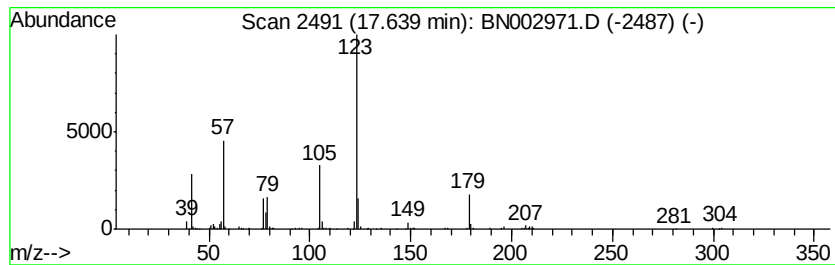
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4-Fluoro-N-(1H-tetrazol-5-yl)ben... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.64	2.05 ng/ul	227113	Phenanthrene-d10	17.02		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Fluoro-N-(1H-tetrazol-5-yl)ben...	207	C8H6FN5O	1000306-76-6	50
2		2-Acetamido-4-methylphenyl acetate	207	C11H13N03	1000373-46-9	38
3		Benzoic acid, hexadecyl ester	346	C23H38O2	1000340-22-9	38
4		Furan, 2-(1,1-dimethylethyl)-4-m...	138	C9H14O	006141-68-0	33
5		Benzoic acid, hexyl ester	206	C13H18O2	006789-88-4	9



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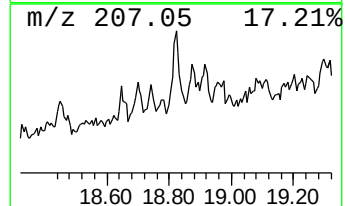
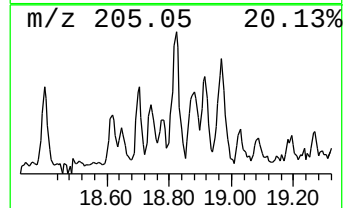
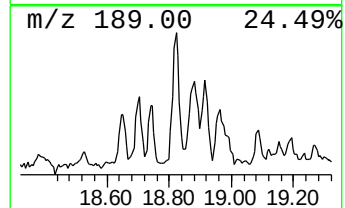
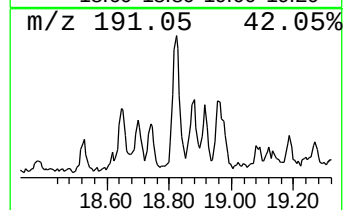
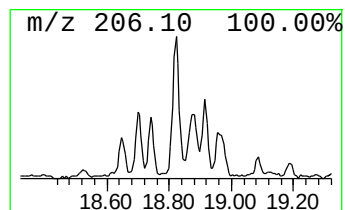
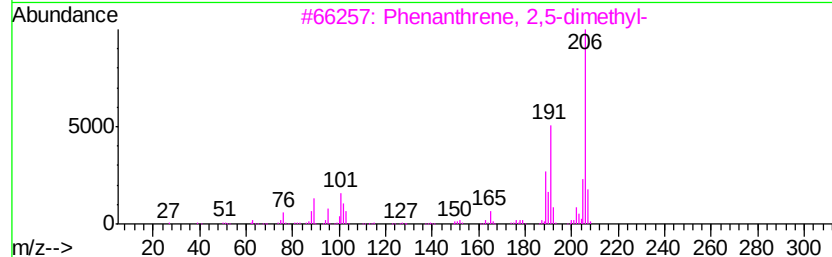
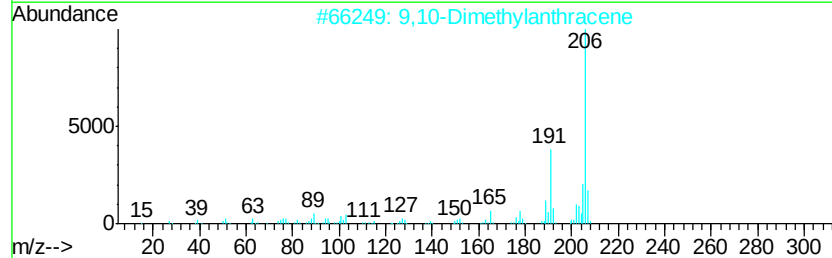
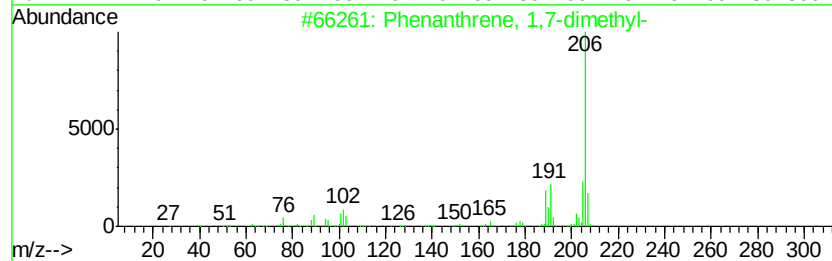
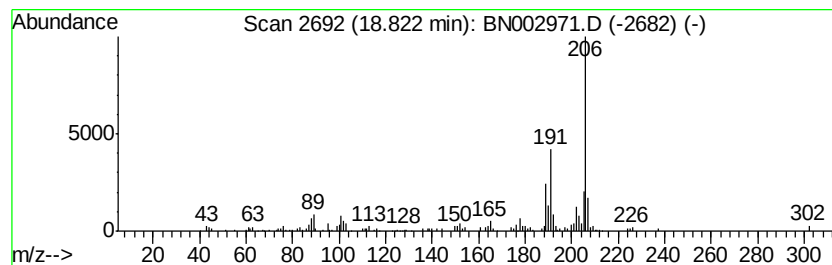
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Phenanthrene, 1,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	2.25 ng/ul	249553	Phenanthrene-d10	17.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	96
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	94
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93



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Acq On : 05 Oct 2018 20:10
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Sample : J5230-06
Misc :
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Instrument :
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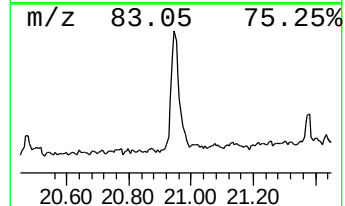
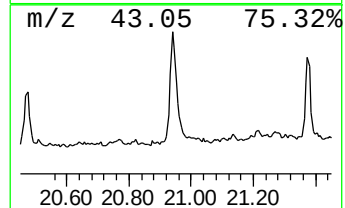
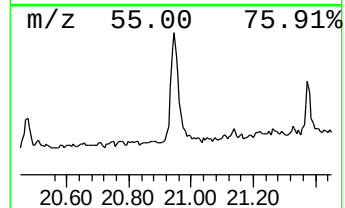
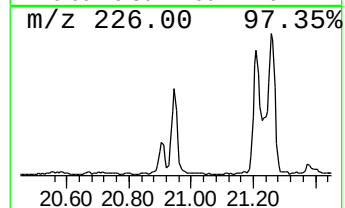
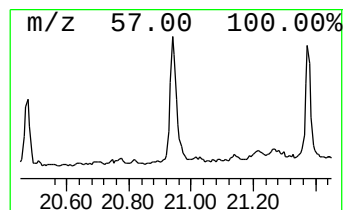
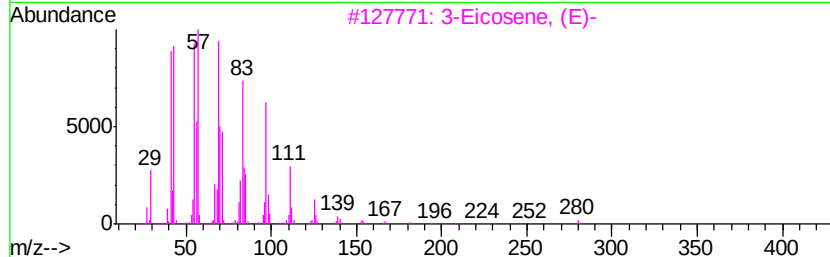
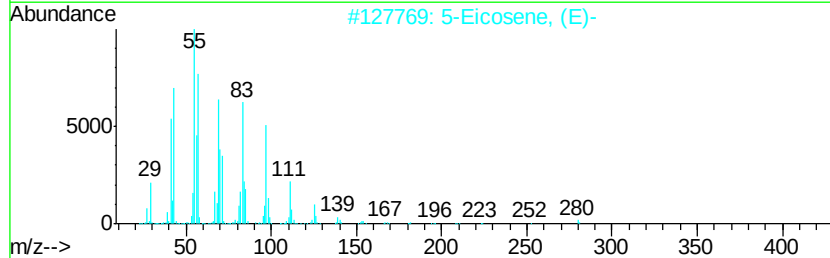
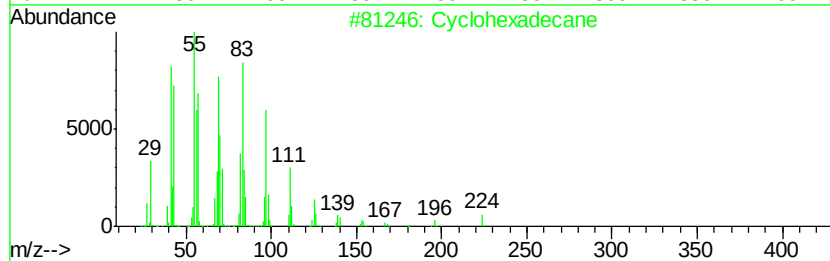
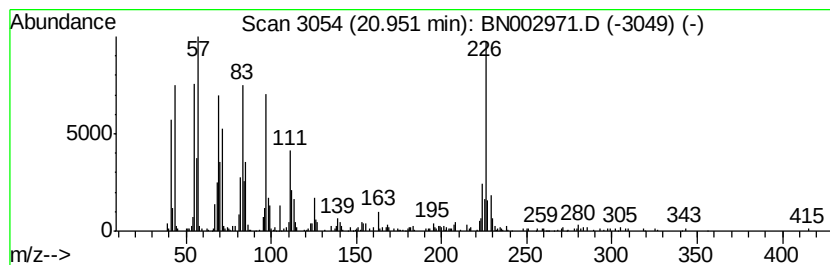
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic20.95 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	4.50 ng/ul	708249	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	86
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	78
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	74
4		1-Heptadecene	238	C17H34	006765-39-5	60
5		1-Docosene	308	C22H44	001599-67-3	52



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Misc :
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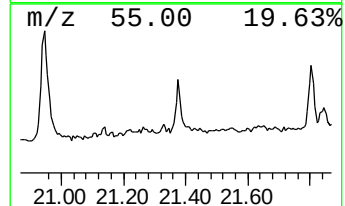
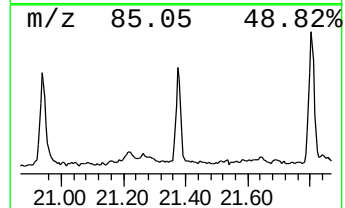
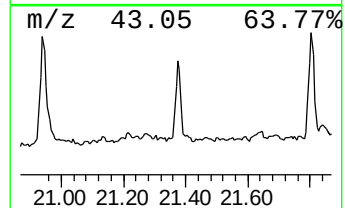
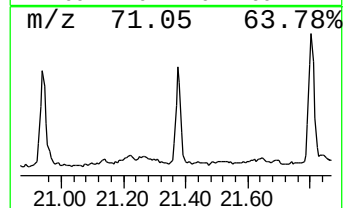
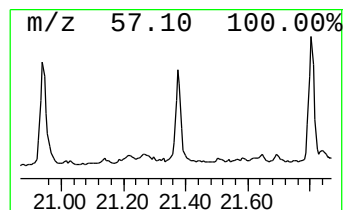
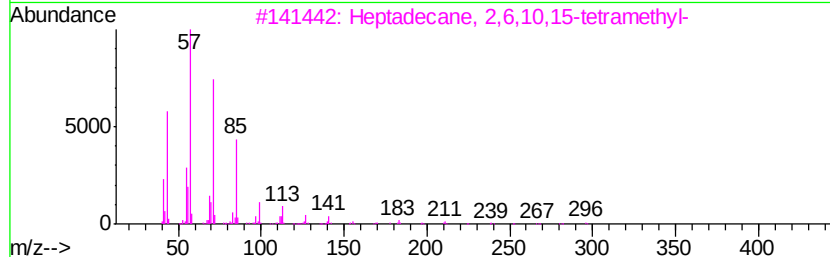
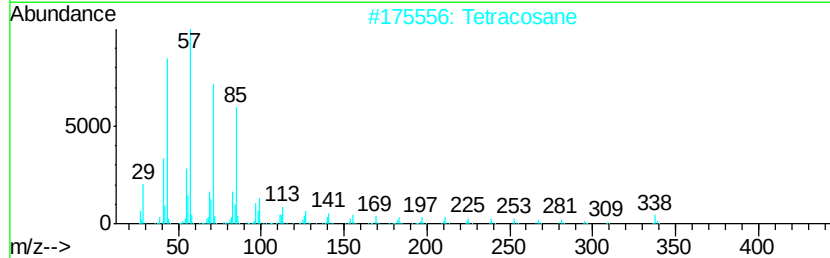
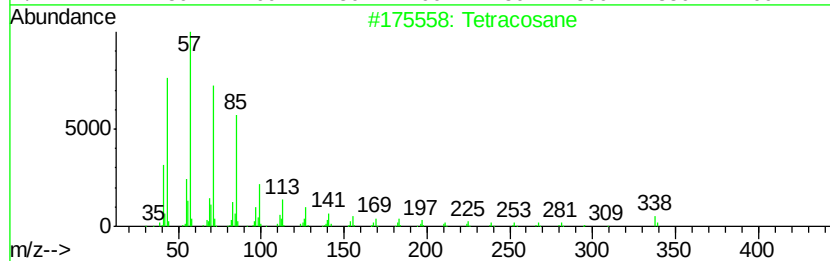
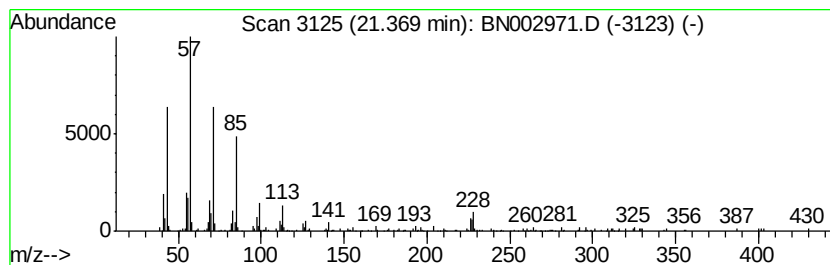
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.39 ng/ul	376334	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	97
2		Tetracosane	338	C24H50	000646-31-1	95
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
4		Heneicosane	296	C21H44	000629-94-7	92
5		Heneicosane	296	C21H44	000629-94-7	91



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Data File : BN002971.D
Acq On : 05 Oct 2018 20:10
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Sample : J5230-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

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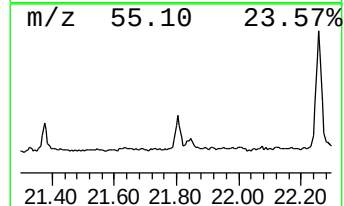
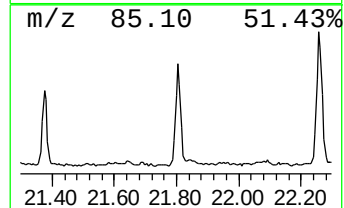
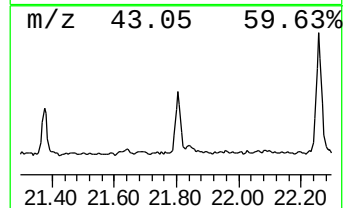
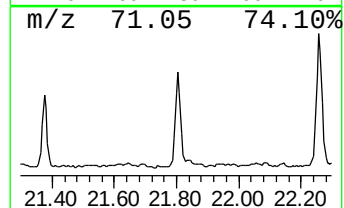
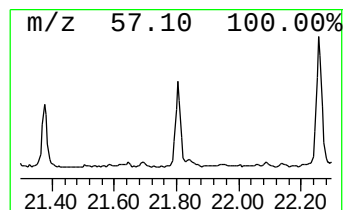
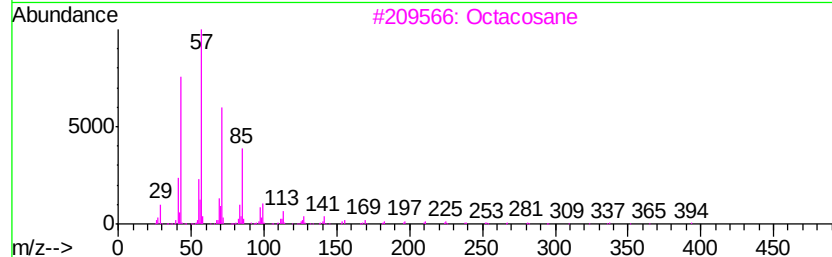
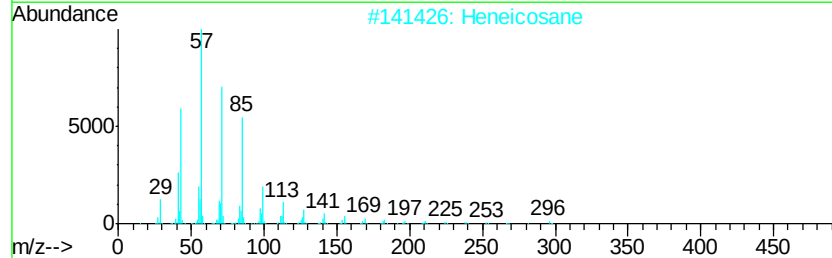
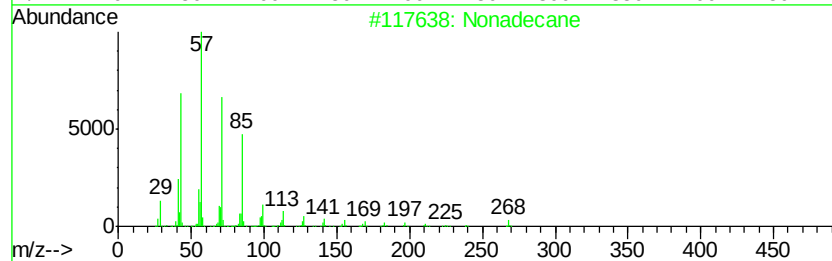
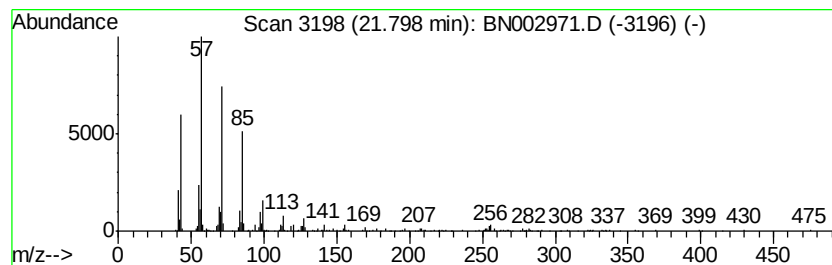
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.80	2.06 ng/ul	323505	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Octacosane	394	C28H58	000630-02-4	90
4		triacontane	422	C30H62	000638-68-6	87
5		Heptadecane	240	C17H36	000629-78-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
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Misc :
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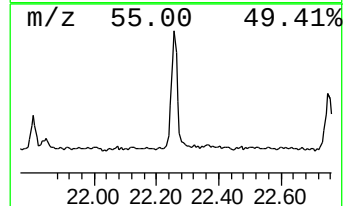
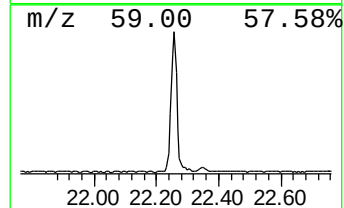
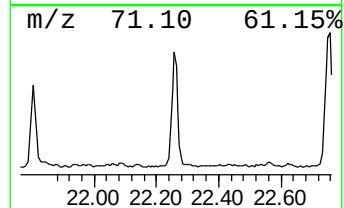
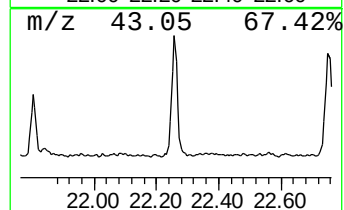
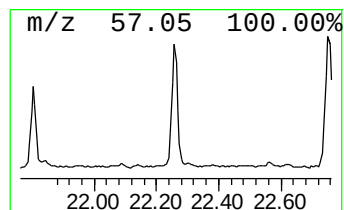
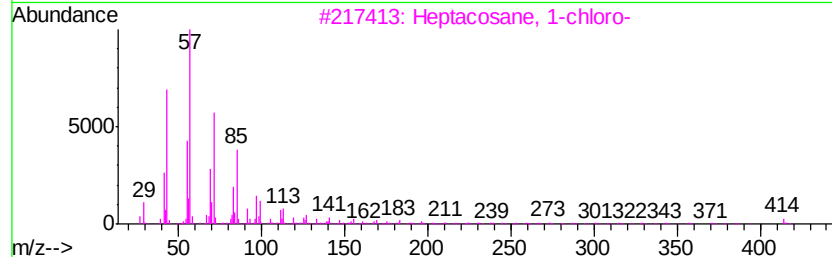
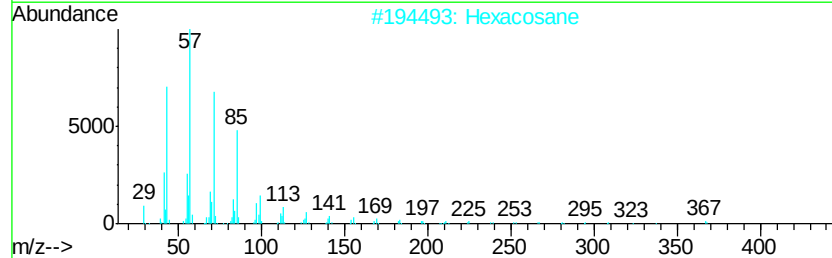
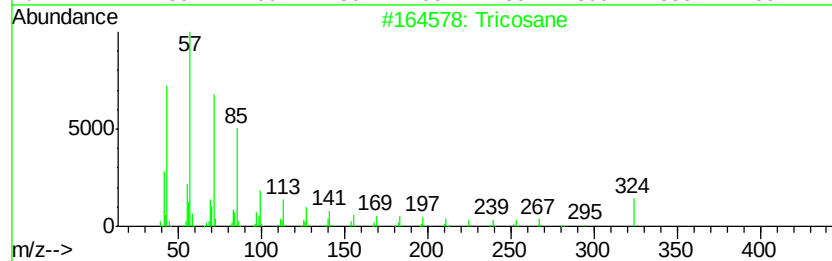
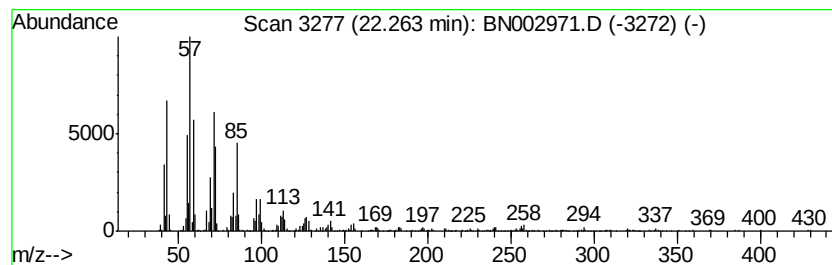
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	8.30 ng/ul	1305670	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	84
2		Hexacosane	366	C26H54	000630-01-3	55
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	55
4		Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	50
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	50



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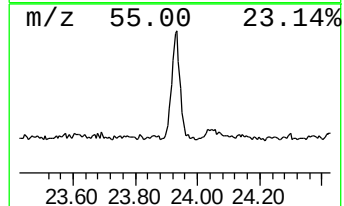
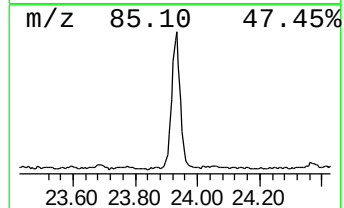
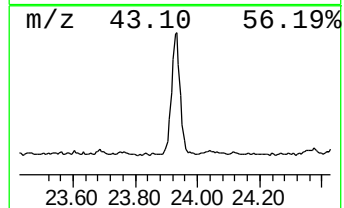
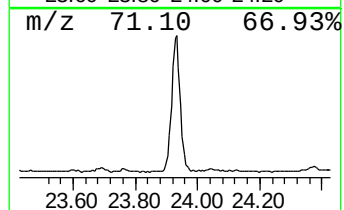
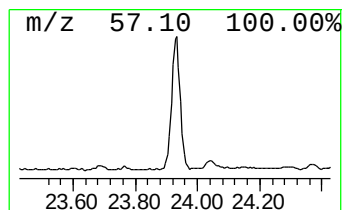
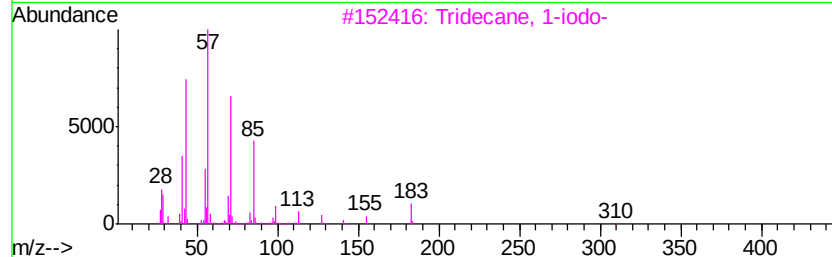
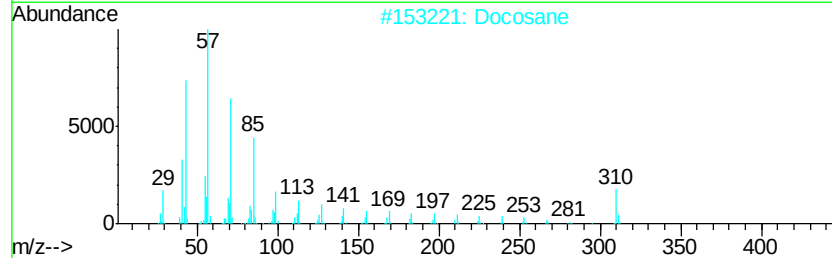
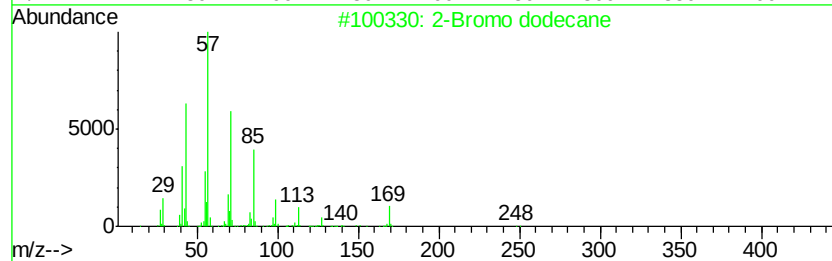
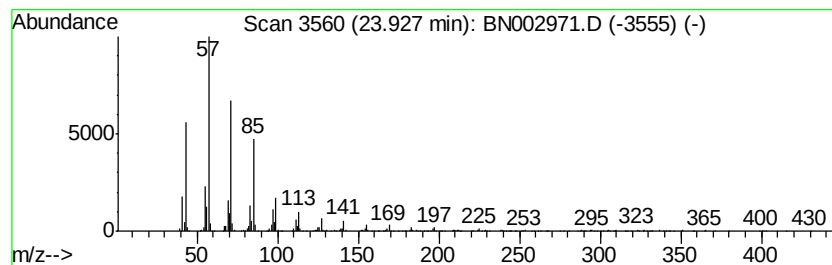
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 2-Bromo dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	18.46 ng/ul	1399340	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2		Docosane	310	C22H46	000629-97-0	93
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
4		Hexacosane	366	C26H54	000630-01-3	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
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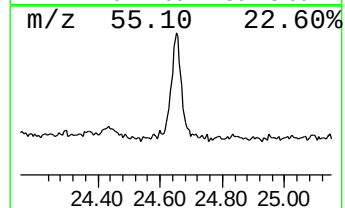
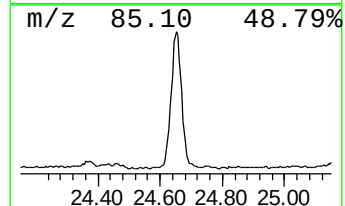
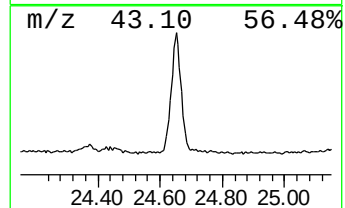
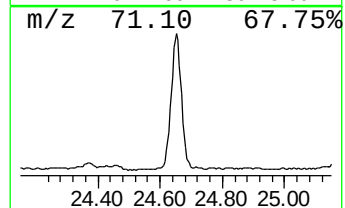
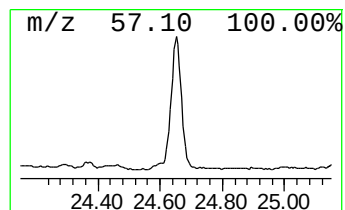
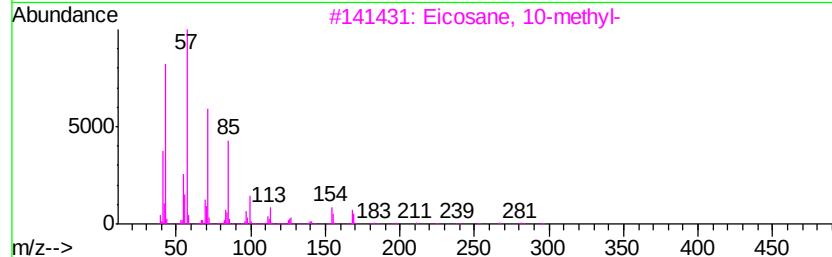
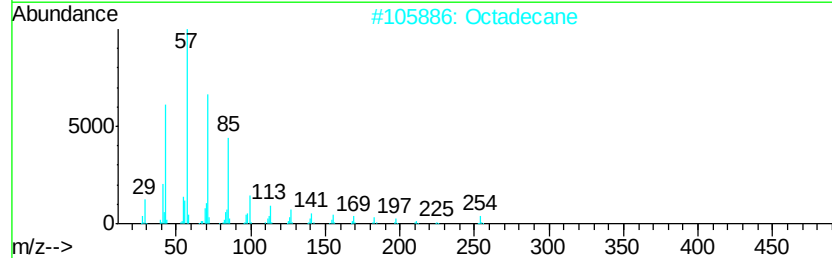
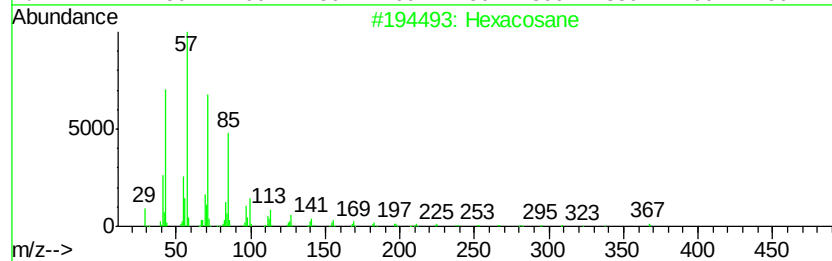
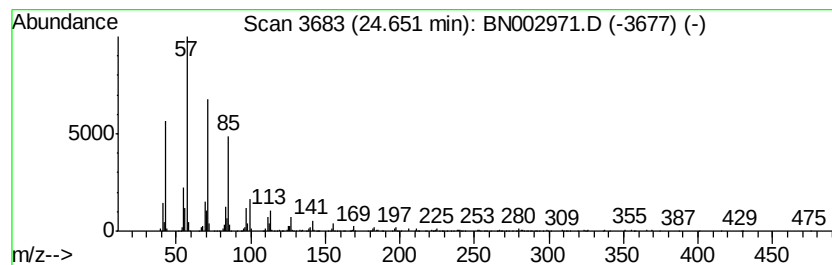
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TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.65	18.86 ng/ul	1429440	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Octadecane	254	C18H38	000593-45-3	93
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
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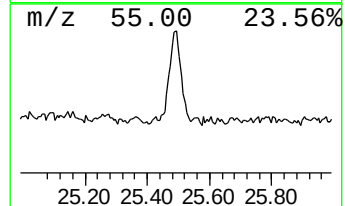
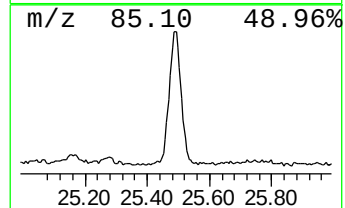
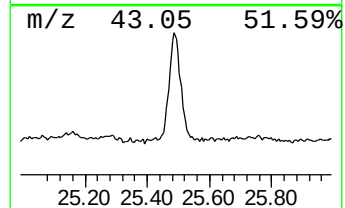
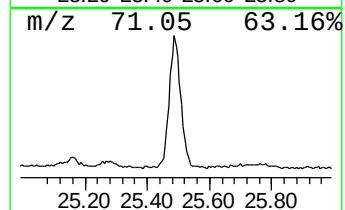
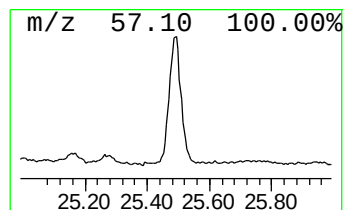
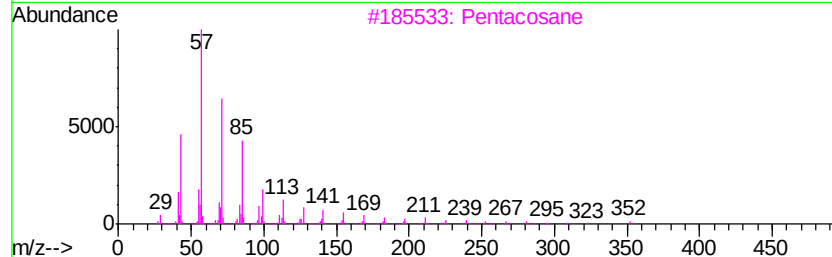
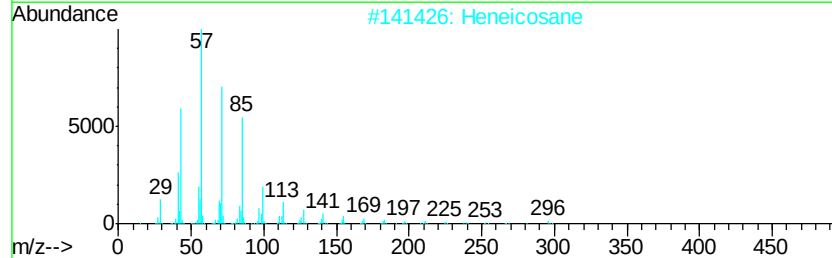
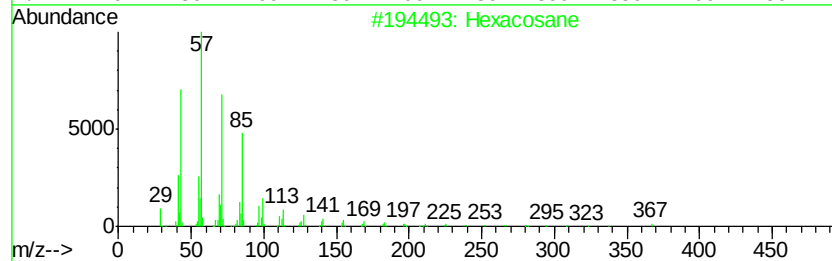
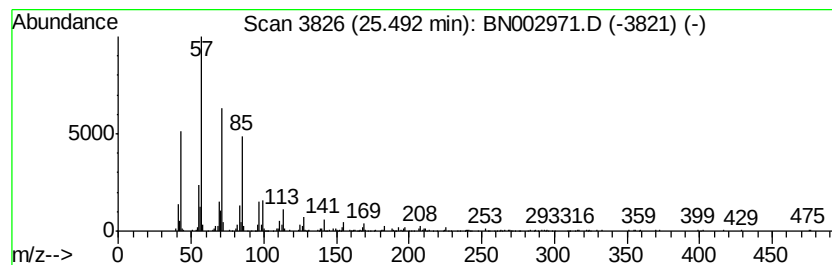
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.49	10.70 ng/ul	810750	Perylene-d12	23.43

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		Pentacosane	352	C25H52	000629-99-2	90
4		Eicosane	282	C20H42	000112-95-8	87
5		Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
 Data File : BN002971.D
 Acq On : 05 Oct 2018 20:10
 Operator : MJ/SJ
 Sample : J5230-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.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
1,3-Cyclooctadiene	15.76	2.9	ng/ul	315553	4	17.02	2216020	20.0
Hexadecane, 2,6,1...	16.01	2.1	ng/ul	234290	4	17.02	2216020	20.0
4-Fluoro-N-(1H-te...	17.64	2.0	ng/ul	227113	4	17.02	2216020	20.0
Phenanthrene, 1,7...	18.82	2.3	ng/ul	249553	4	17.02	2216020	20.0
(DEL) Alkane: Cyc...	20.95	4.5	ng/ul	708249	5	21.22	3147080	20.0
(DEL) Alkane: Str...	21.37	2.4	ng/ul	376334	5	21.22	3147080	20.0
(DEL) Alkane: Str...	21.80	2.1	ng/ul	323505	5	21.22	3147080	20.0
(DEL) Alkane: Str...	22.26	8.3	ng/ul	1305670	5	21.22	3147080	20.0
2-Bromo dodecane	23.93	18.5	ng/ul	1399340	6	23.43	1515730	20.0
(DEL) Alkane: Str...	24.65	18.9	ng/ul	1429440	6	23.43	1515730	20.0
(DEL) Alkane: Str...	25.49	10.7	ng/ul	810750	6	23.43	1515730	20.0