

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
 Data File : BN005551.D
 Acq On : 09 May 2019 02:21
 Operator : JU/SJ
 Sample : K2604-22
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ93

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_N\METHODS\SOM-EPA-BN041919MA.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	3.211	34	38	49	rVB	67685	91494	0.95%	0.089%
2	5.628	444	449	457	rBV3	41040	71932	0.75%	0.070%
3	6.775	637	644	655	rBV	1227087	2113916	21.95%	2.051%
4	6.934	665	671	682	rVB	991841	1559288	16.19%	1.513%
5	7.128	697	704	716	rVB	1343610	2151379	22.34%	2.088%
6	7.252	721	725	732	rVV3	51544	101378	1.05%	0.098%
7	7.587	775	782	791	rBV	1019154	1640741	17.04%	1.592%
8	8.116	865	872	879	rBV	56783	96794	1.01%	0.094%
9	8.287	894	901	915	rBV	1307655	2223765	23.09%	2.158%
10	8.734	970	977	985	rVV	1346418	2285532	23.74%	2.218%
11	9.446	1091	1098	1111	rVV	1182702	2001262	20.78%	1.942%
12	9.793	1150	1157	1162	rBV2	50473	96649	1.00%	0.094%
13	9.934	1177	1181	1183	rVV	82996	127629	1.33%	0.124%
14	9.975	1183	1188	1200	rVB	1658600	2921129	30.34%	2.835%
15	10.346	1239	1251	1259	rBV	1555747	2704618	28.09%	2.625%
16	10.487	1268	1275	1290	rBV	1323422	2650335	27.52%	2.572%
17	11.046	1364	1370	1375	rVB5	28491	69242	0.72%	0.067%
18	11.281	1403	1410	1416	rBV8	30776	62844	0.65%	0.061%
19	11.387	1422	1428	1432	rBV	94159	155443	1.61%	0.151%
20	11.434	1432	1436	1444	rVB7	35526	82385	0.86%	0.080%
21	11.545	1450	1455	1456	rBV4	46714	70946	0.74%	0.069%
22	11.575	1458	1460	1467	rVB3	50074	81899	0.85%	0.079%
23	11.681	1474	1478	1482	rBV2	44861	70217	0.73%	0.068%
24	11.793	1491	1497	1502	rBV	233632	353429	3.67%	0.343%
25	11.875	1503	1511	1517	rVV4	65310	181527	1.89%	0.176%
26	11.940	1517	1522	1530	rVB7	37603	87597	0.91%	0.085%
27	12.016	1532	1535	1544	rVB7	37801	71281	0.74%	0.069%
28	12.487	1612	1615	1623	rVB7	38909	72631	0.75%	0.070%
29	12.622	1634	1638	1648	rVV9	34500	99240	1.03%	0.096%
30	12.710	1648	1653	1657	rVV7	30943	56458	0.59%	0.055%
31	12.763	1657	1662	1666	rVB	133328	181509	1.88%	0.176%
32	13.057	1704	1712	1718	rVB	250518	376639	3.91%	0.365%
33	13.192	1730	1735	1742	rVV4	68324	155869	1.62%	0.151%
34	13.281	1742	1750	1758	rVB10	50925	155764	1.62%	0.151%

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35	13.545	1790	1795	1799	rBV2	36406	64982	0.67%	0.063%
36	13.639	1805	1811	1815	rBV	3683608	5068071	52.63%	4.918%
37	13.687	1815	1819	1823	rVV2	715259	1134072	11.78%	1.100%
38	13.722	1823	1825	1829	rVV	156351	177601	1.84%	0.172%
39	13.763	1829	1832	1842	rVB7	52436	95909	1.00%	0.093%
40	13.910	1849	1857	1877	rBV	3892908	6481459	67.31%	6.290%
41	14.139	1892	1896	1901	rBV	186740	256214	2.66%	0.249%
42	14.222	1904	1910	1917	rVV2	2123801	3322642	34.51%	3.224%
43	14.445	1942	1948	1964	rBV	1073988	2210012	22.95%	2.145%
44	14.704	1989	1992	1998	rVB	89221	123708	1.28%	0.120%
45	14.763	1998	2002	2007	rVB3	89238	127074	1.32%	0.123%
46	14.834	2009	2014	2019	rBV3	117871	214114	2.22%	0.208%
47	14.934	2029	2031	2037	rVB2	45436	69237	0.72%	0.067%
48	15.016	2038	2045	2049	rBV5	56457	146156	1.52%	0.142%
49	15.098	2055	2059	2064	rVB	178863	250520	2.60%	0.243%
50	15.222	2074	2080	2087	rVV	5194680	7394860	76.80%	7.176%
51	15.363	2099	2104	2117	rVB	972513	1512834	15.71%	1.468%
52	15.475	2117	2123	2124	rBV4	66862	122102	1.27%	0.118%
53	15.504	2124	2128	2134	rVB2	216951	381902	3.97%	0.371%
54	15.581	2135	2141	2142	rBV4	36932	67859	0.70%	0.066%
55	15.963	2202	2206	2208	rBV3	164458	219234	2.28%	0.213%
56	16.275	2255	2259	2266	rBV9	44052	118068	1.23%	0.115%
57	16.339	2266	2270	2272	rVB2	44896	60814	0.63%	0.059%
58	16.528	2297	2302	2304	rBV	141653	212238	2.20%	0.206%
59	16.557	2304	2307	2314	rVB	207063	307468	3.19%	0.298%
60	16.710	2330	2333	2338	rBV7	37479	63303	0.66%	0.061%
61	16.757	2338	2341	2345	rVB3	87974	107946	1.12%	0.105%
62	16.980	2373	2379	2383	rBV2	2754562	4050968	42.07%	3.931%
63	17.016	2383	2385	2390	rVV	314785	409674	4.25%	0.398%
64	17.080	2390	2396	2408	rVV	5799897	8286410	86.05%	8.041%
65	17.175	2408	2412	2418	rVV6	61950	117936	1.22%	0.114%
66	17.463	2457	2461	2464	rBV	95267	147080	1.53%	0.143%
67	17.498	2465	2467	2473	rVB4	77681	91796	0.95%	0.089%
68	17.675	2492	2497	2503	rVB	300489	413229	4.29%	0.401%
69	17.792	2513	2517	2521	rBV	298548	434026	4.51%	0.421%
70	17.857	2525	2528	2531	rVV	234988	309395	3.21%	0.300%
71	17.904	2531	2536	2547	rVB3	759248	1271752	13.21%	1.234%

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72	18.045	2556	2560	2565	rBV2	172730	334855	3.48%	0.325%
73	18.092	2565	2568	2571	rVV	125235	185217	1.92%	0.180%
74	18.127	2571	2574	2579	rVB2	99329	129769	1.35%	0.126%
75	18.363	2611	2614	2619	rVB	172294	261093	2.71%	0.253%
76	18.616	2654	2657	2663	rBV5	67821	129256	1.34%	0.125%
77	18.792	2682	2687	2691	rBV3	141513	241281	2.51%	0.234%
78	18.839	2692	2695	2700	rVV4	76150	136888	1.42%	0.133%
79	18.933	2707	2711	2719	rVB7	89676	196417	2.04%	0.191%
80	19.051	2728	2731	2736	rVB2	209352	297304	3.09%	0.289%
81	19.198	2752	2756	2764	rBV2	212981	343570	3.57%	0.333%
82	19.327	2774	2778	2783	rBV	98171	171865	1.78%	0.167%
83	19.392	2783	2789	2798	rBV	6608698	9629210	100.00%	9.344%
84	19.910	2872	2877	2883	rVB2	109836	275887	2.87%	0.268%
85	19.969	2885	2887	2890	rVB4	57638	55933	0.58%	0.054%
86	20.027	2894	2897	2901	rVB	77293	88621	0.92%	0.086%
87	20.086	2904	2907	2910	rBV2	90859	109107	1.13%	0.106%
88	20.227	2928	2931	2935	rVV	158253	188014	1.95%	0.182%
89	20.274	2936	2939	2945	rVB	101111	150516	1.56%	0.146%
90	20.939	3048	3052	3060	rBV	910714	1573236	16.34%	1.527%
91	21.210	3092	3098	3103	rBV	2842839	3966034	41.19%	3.849%
92	21.386	3125	3128	3132	rBV	205404	224931	2.34%	0.218%
93	21.821	3199	3202	3206	rVB2	298338	306674	3.18%	0.298%
94	22.280	3276	3280	3287	rVB	499412	760887	7.90%	0.738%
95	22.774	3359	3364	3373	rBV2	573920	889071	9.23%	0.863%
96	23.280	3444	3450	3455	rBV2	3201641	5840384	60.65%	5.667%
97	23.327	3455	3458	3464	rVB2	733134	1071263	11.13%	1.040%
98	23.415	3467	3473	3484	rBV2	1636335	3004069	31.20%	2.915%
99	23.957	3560	3565	3572	rVB	447299	808851	8.40%	0.785%
100	24.680	3683	3688	3694	rVB	330641	615627	6.39%	0.597%

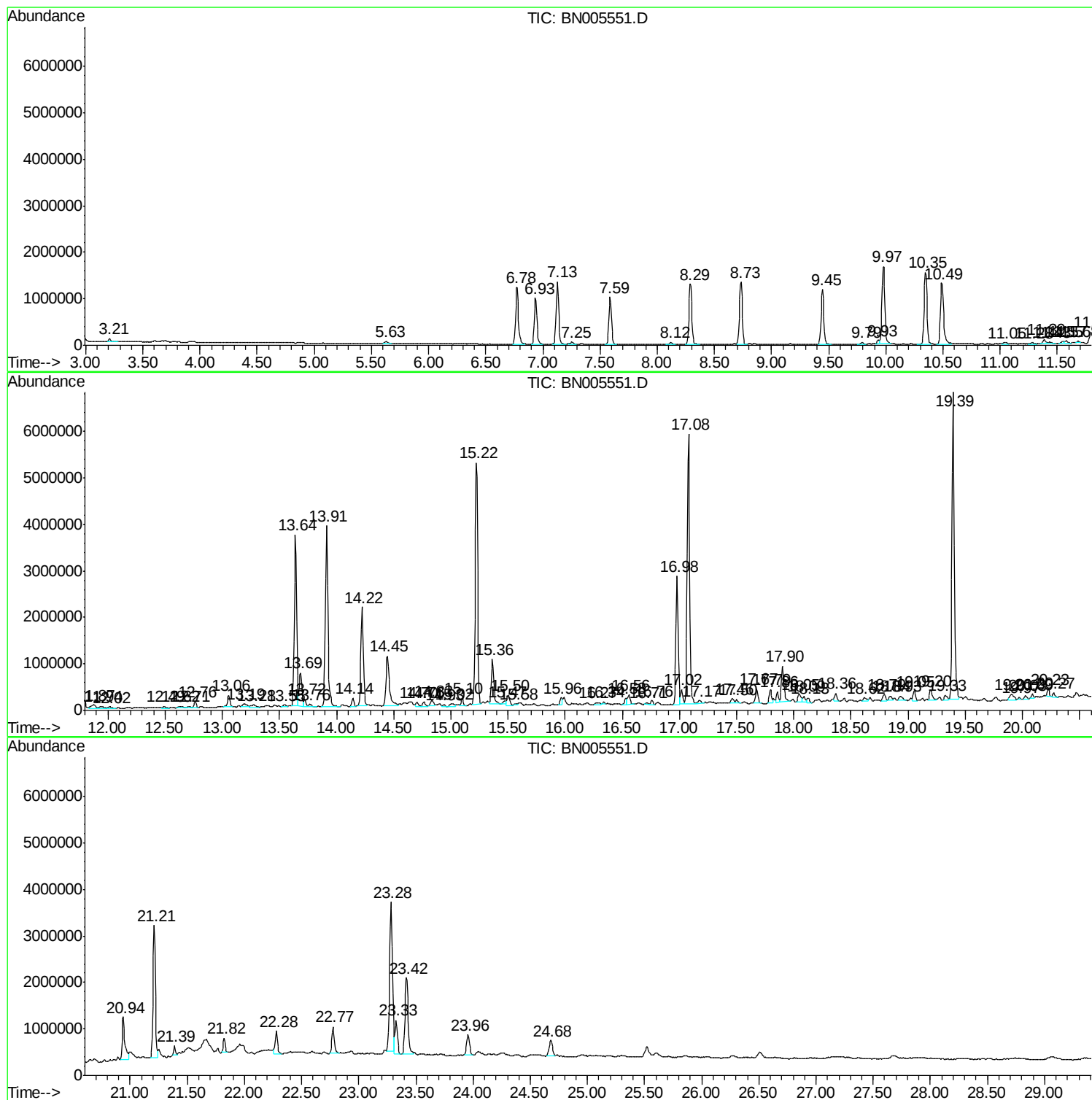
Sum of corrected areas: 103051256

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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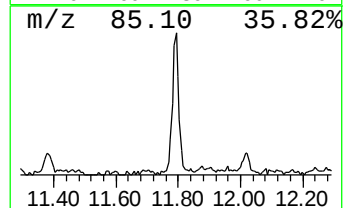
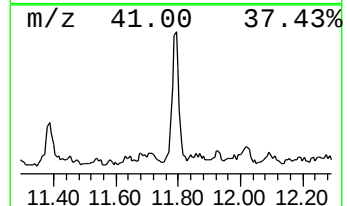
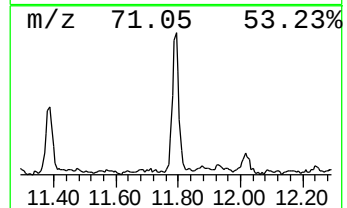
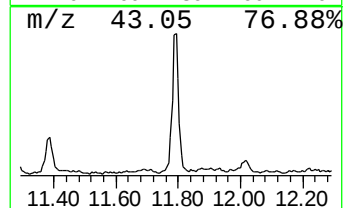
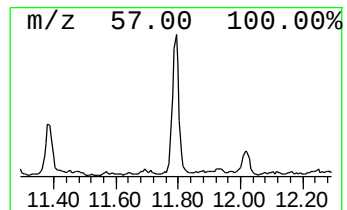
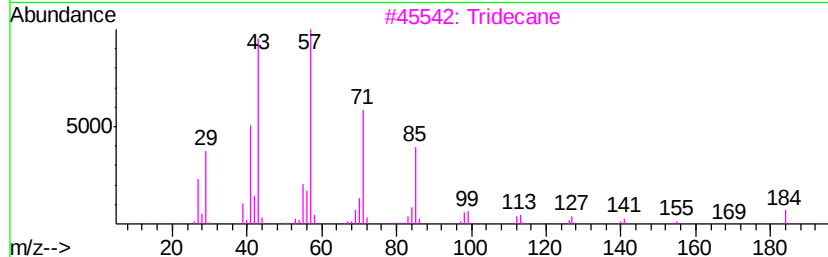
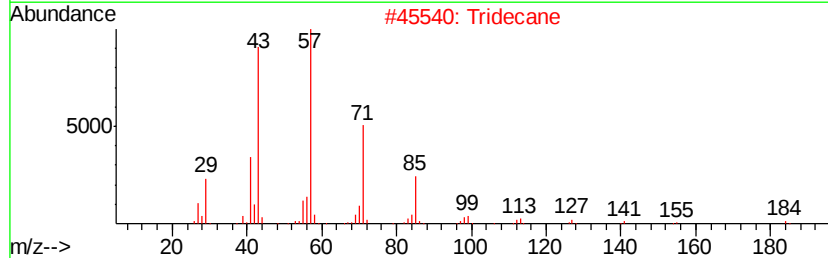
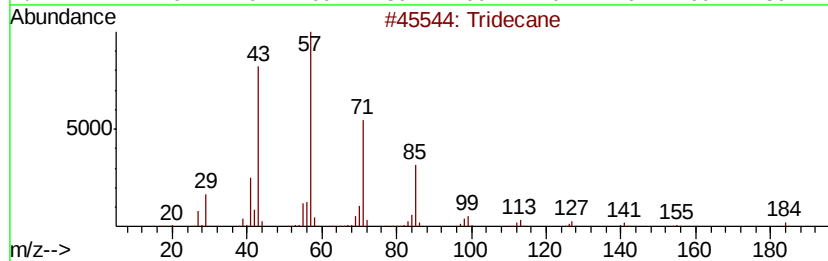
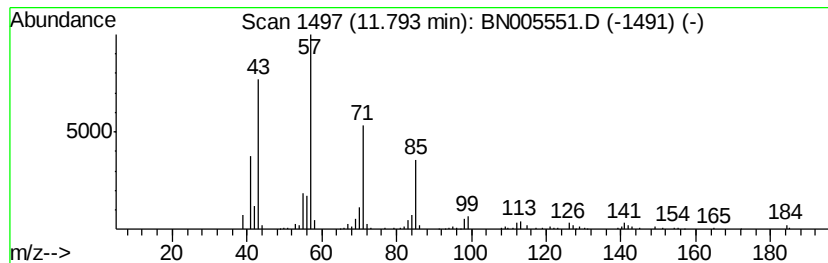
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	2.61 ng/ul	353429	Napthalene-d8	10.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	95
2			Tridecane	184	C13H28	000629-50-5	90
3			Tridecane	184	C13H28	000629-50-5	90
4			Tetradecane	198	C14H30	000629-59-4	90
5			Tridecane	184	C13H28	000629-50-5	90



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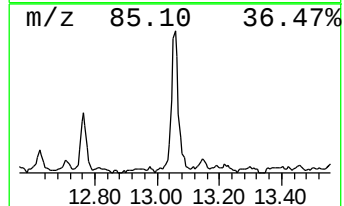
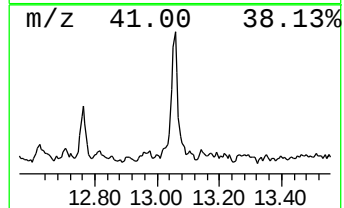
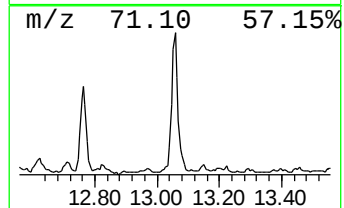
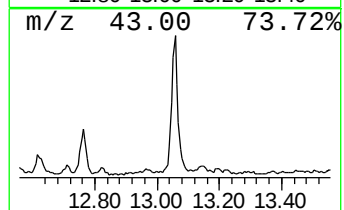
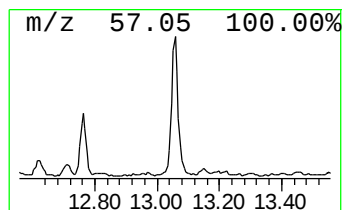
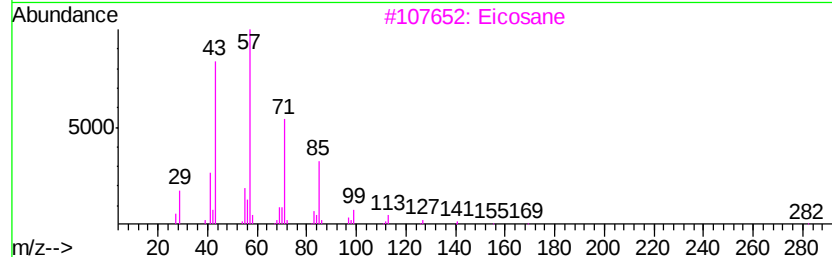
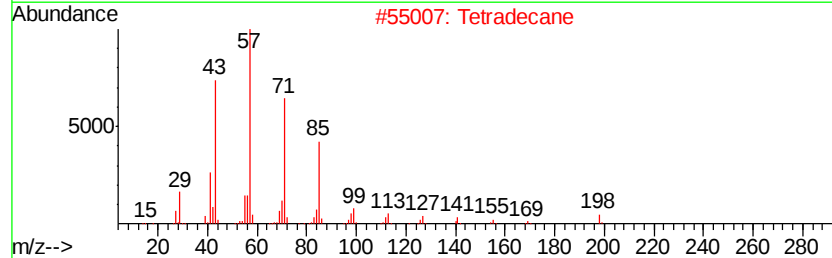
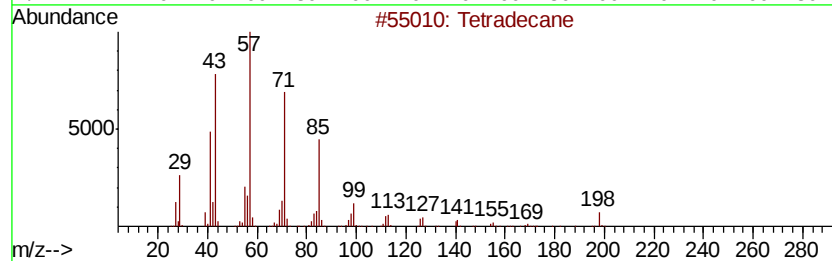
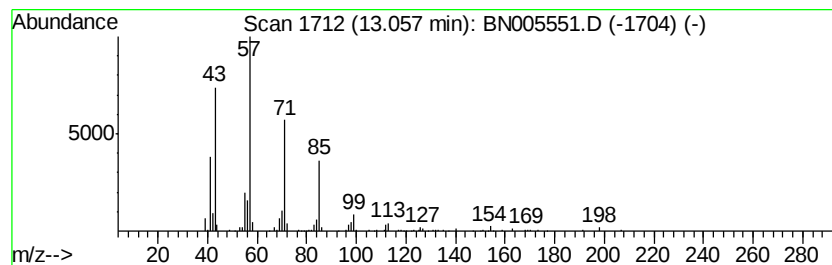
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	2.27 ng/ul	376639	Acenaphthene-d10	14.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	94
2			Tetradecane	198	C14H30	000629-59-4	93
3			Eicosane	282	C20H42	000112-95-8	90
4			Tridecane	184	C13H28	000629-50-5	86
5			Hexadecane	226	C16H34	000544-76-3	86



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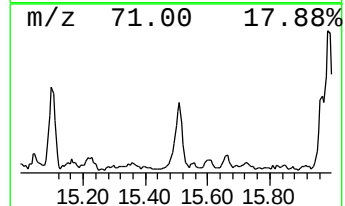
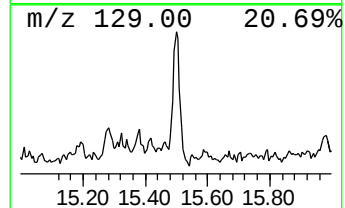
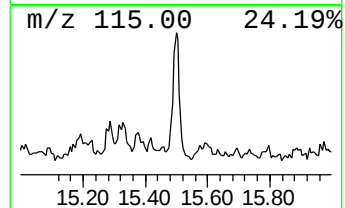
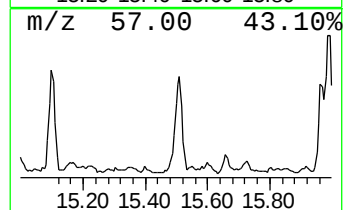
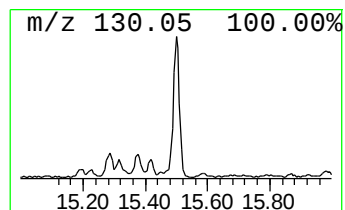
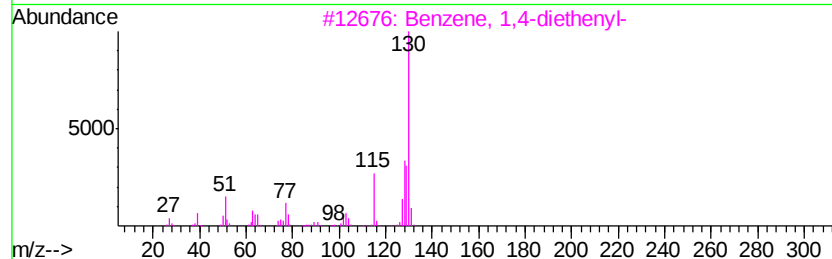
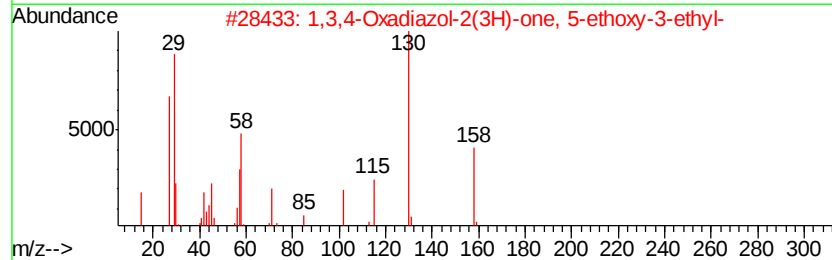
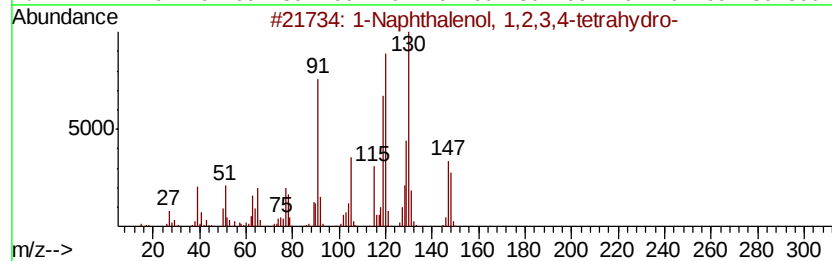
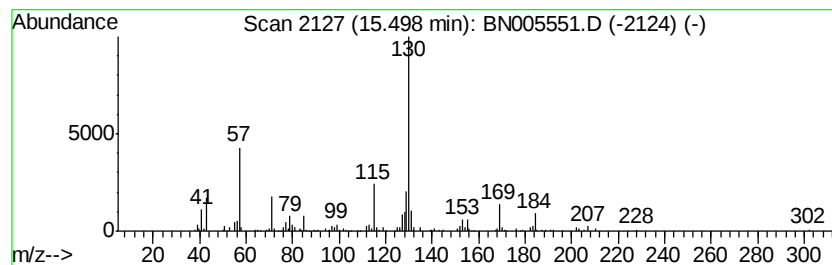
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Peak Number 3 1-Naphthalenol, 1,2,3,4-tet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	2.30 ng/ul	381902	Acenaphthene-d10	14.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Naphthalenol, 1,2,3,4-tetrahydro-	148 C10H12O	000529-33-9	53
2	1,3,4-Oxadiazol-2(3H)-one, 5-eth...	158 C6H10N2O3	039636-01-6	45
3	Benzene, 1,4-diethenyl-	130 C10H10	000105-06-6	42
4	1,4,5,8,9,10-Hexahydroanthracene	184 C14H16	005910-28-1	40
5	2-Methylindene	130 C10H10	002177-47-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005551.D
Acq On : 09 May 2019 02:21
Operator : JU/SJ
Sample : K2604-22
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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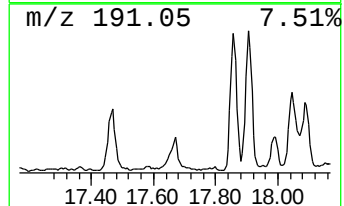
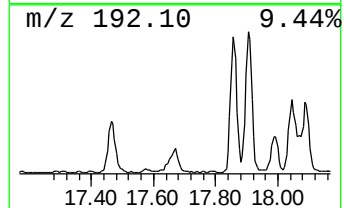
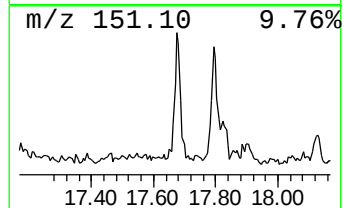
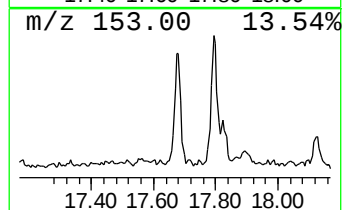
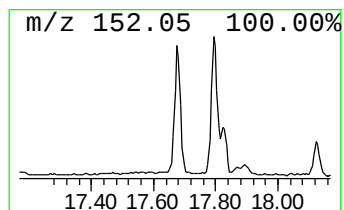
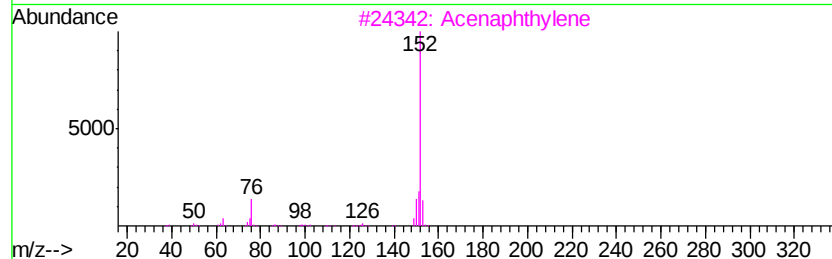
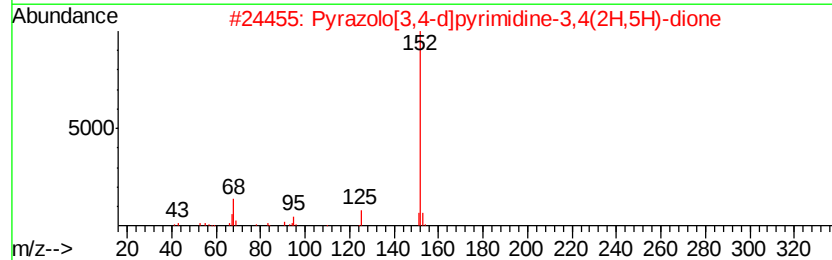
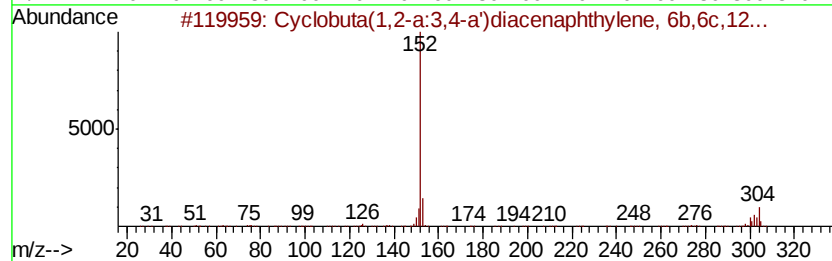
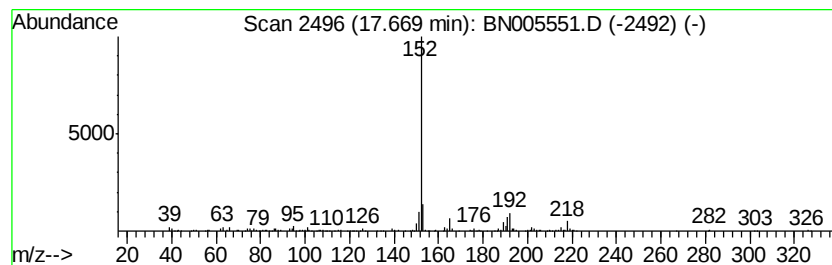
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclobuta(1,2-a:3,4-a')diac... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	2.04 ng/ul	413229	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclobuta(1,2-a:3,4-a')diacenaph...	304	C24H16	007259-03-2	50
2		Pyrazolo[3,4-d]pyrimidine-3,4(2H...	152	C5H4N4O2	128850-53-3	38
3		Acenaphthylene	152	C12H8	000208-96-8	36
4		Acenaphthylene	152	C12H8	000208-96-8	9
5		Acenaphthylene	152	C12H8	000208-96-8	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
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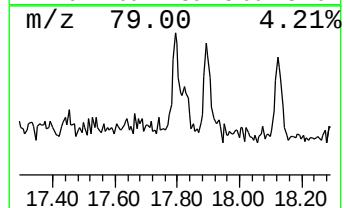
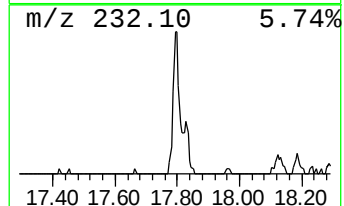
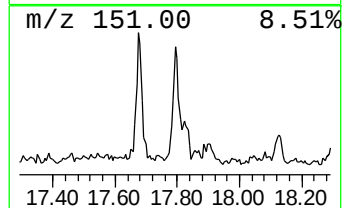
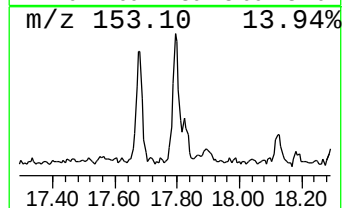
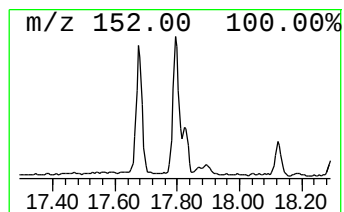
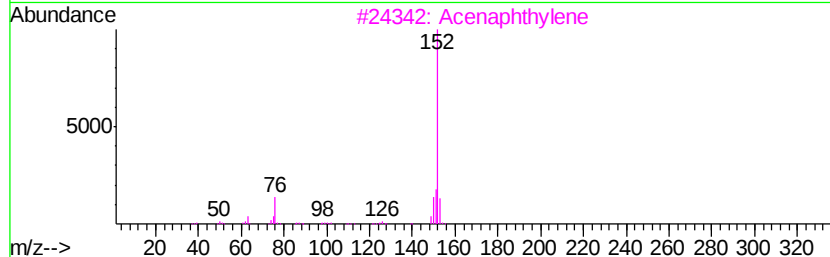
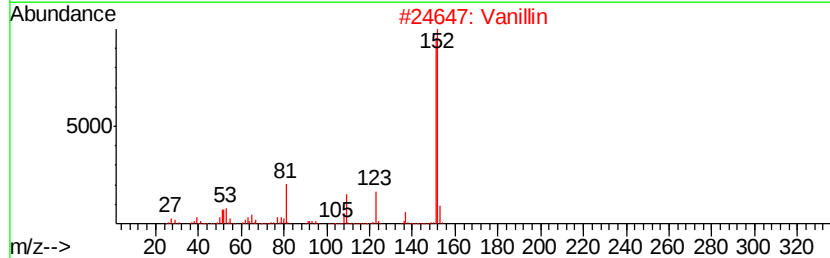
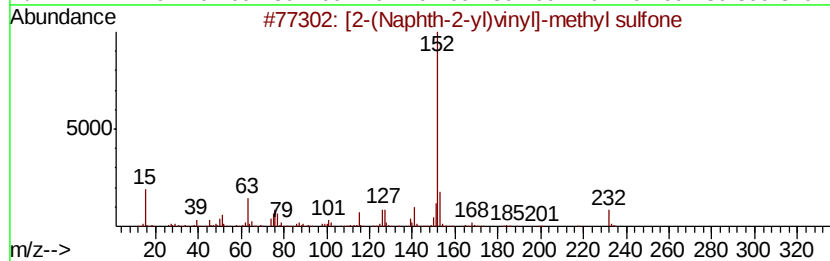
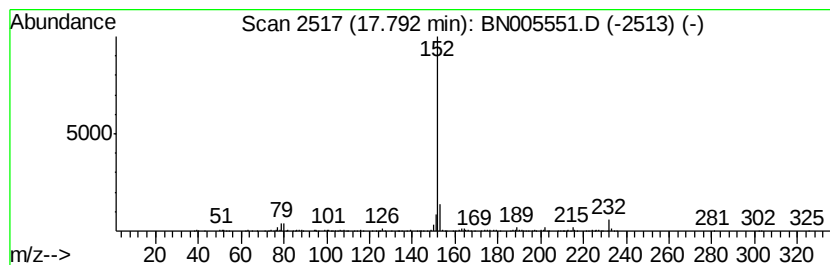
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	2.14 ng/ul	434026	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[2-(Naphth-2-yl)vinyl]-methyl su...	232	C13H12O2S	1000286-42-3	37
2	Vanillin	152	C8H8O3	000121-33-5	9
3	Acenaphthylene	152	C12H8	000208-96-8	9
4	6-Mercaptopurine	152	C5H4N4S	000050-44-2	9
5	Tisopurine	152	C5H4N4S	005334-23-6	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005551.D
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Operator : JU/SJ
Sample : K2604-22
Misc :
ALS Vial : 23 Sample Multiplier: 1

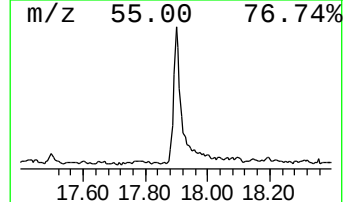
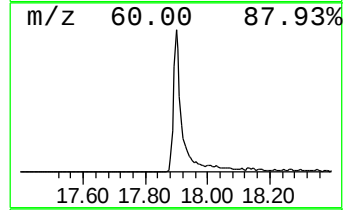
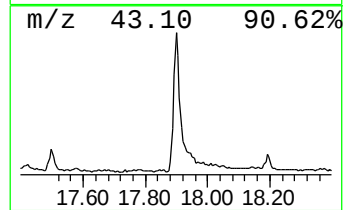
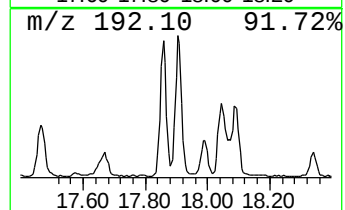
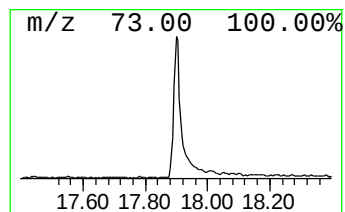
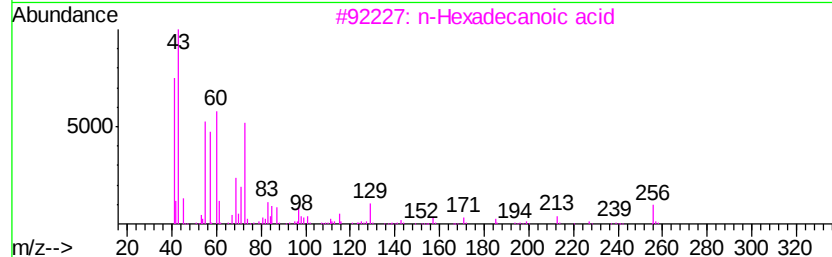
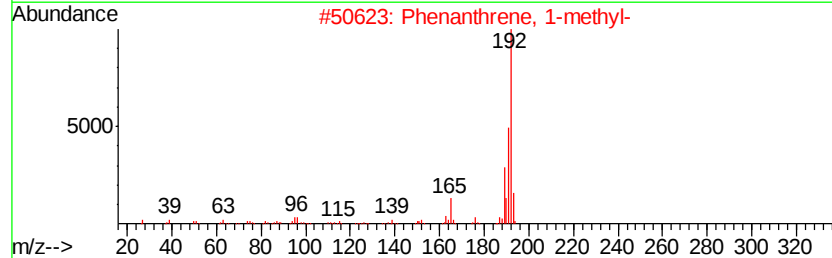
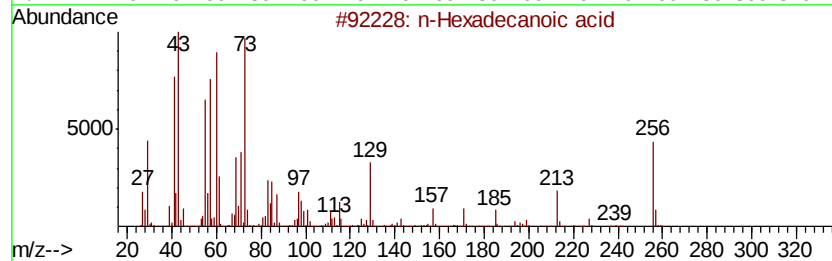
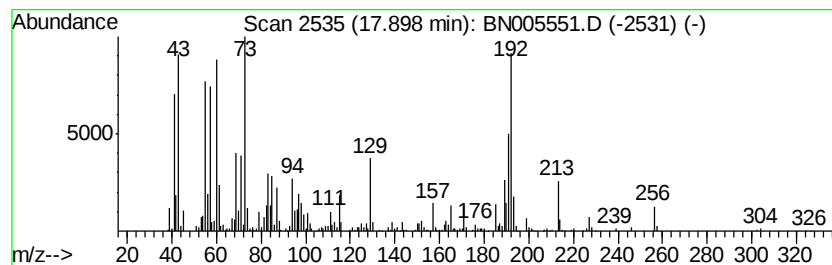
Instrument :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.90	6.28 ng/ul	1271750	Phenanthrene-d10		16.98	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	92
2	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	92
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	91
4	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	91
5	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005551.D
Acq On : 09 May 2019 02:21
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Sample : K2604-22
Misc :
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Instrument :
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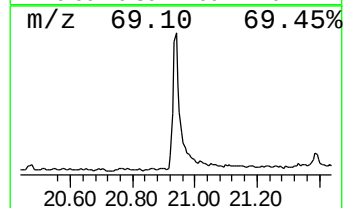
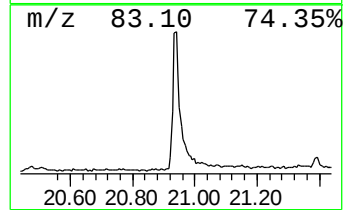
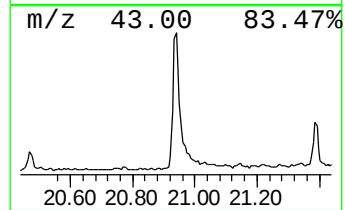
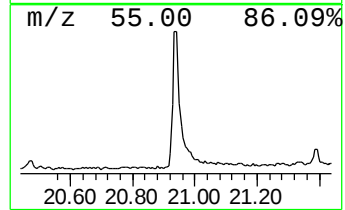
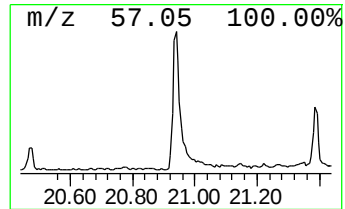
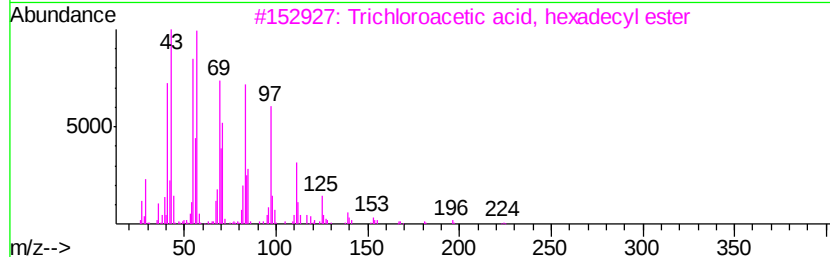
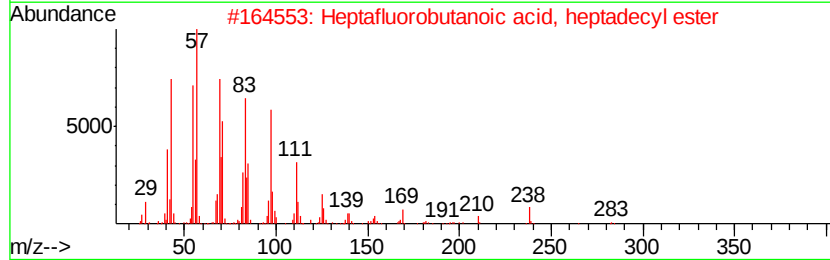
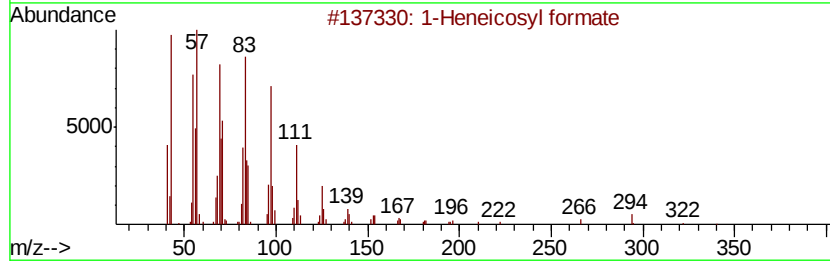
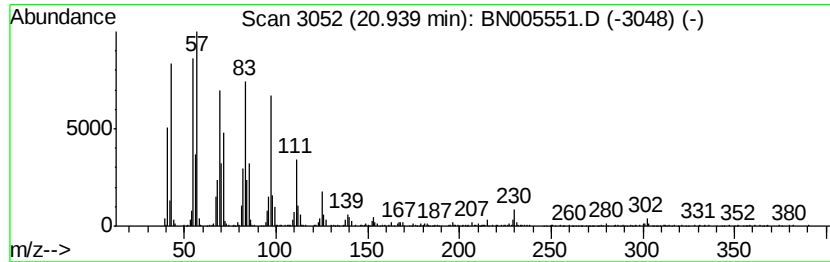
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	7.93 ng/ul	1573240	Chrysene-d12	21.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate		340	C22H44O2	077899-03-7	95
2	Heptafluorobutanoic acid, heptadecyl ester		452	C21H35F7O2	1000282-97-3	94
3	Trichloroacetic acid, hexadecyl ester		386	C18H33Cl3O2	074339-54-1	94
4	1-Eicosene		280	C20H40	003452-07-1	93
5	Cycloeicosane		280	C20H40	000296-56-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
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ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
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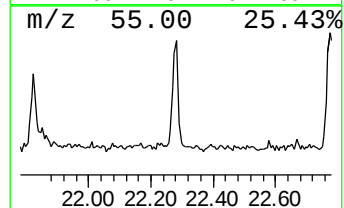
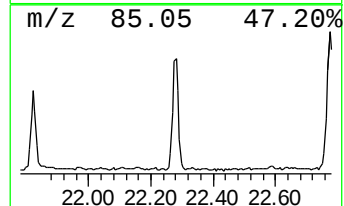
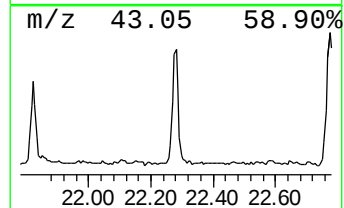
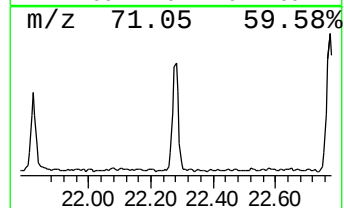
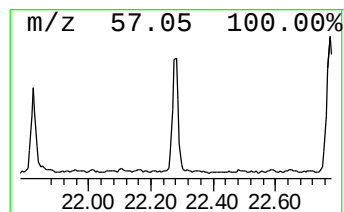
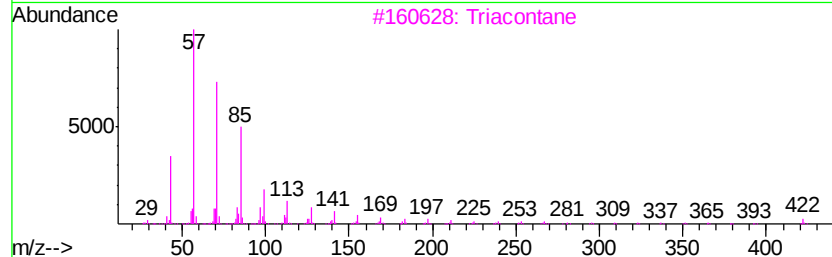
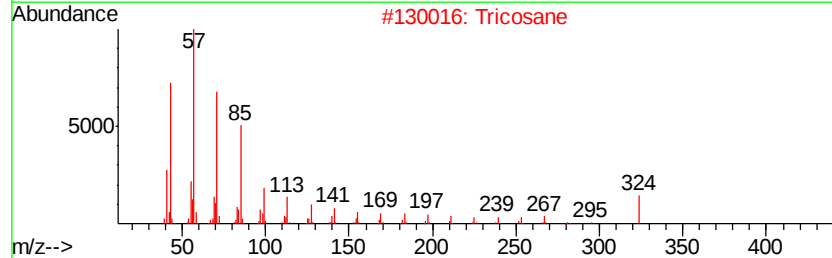
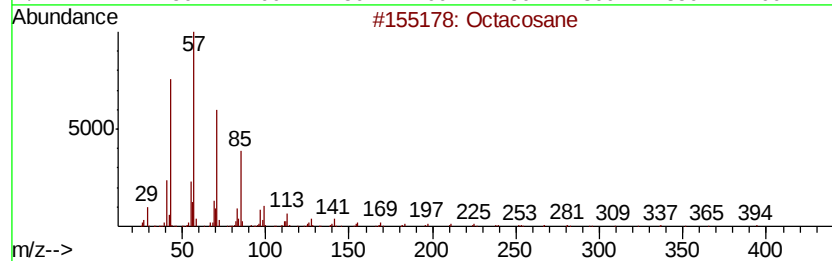
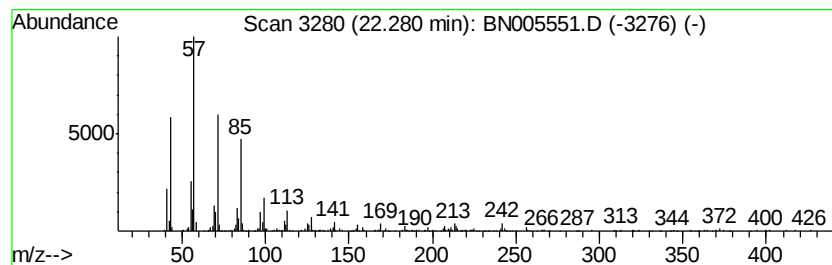
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	3.84 ng/ul	760887	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	98
2		Tricosane	324	C23H48	000638-67-5	97
3		Triacontane	422	C30H62	000638-68-6	90
4		Tetratriacontane	479	C34H70	014167-59-0	90
5		Docosane	310	C22H46	000629-97-0	90



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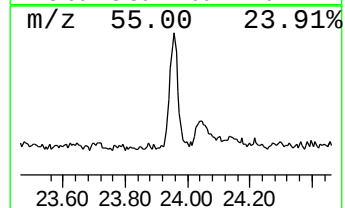
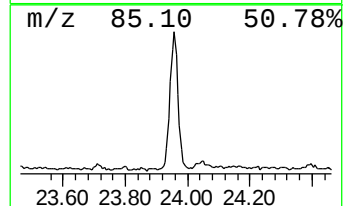
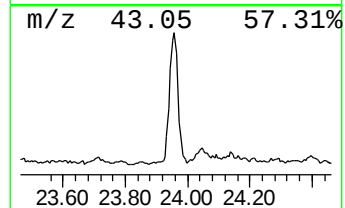
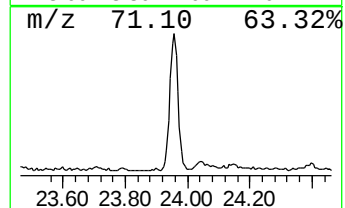
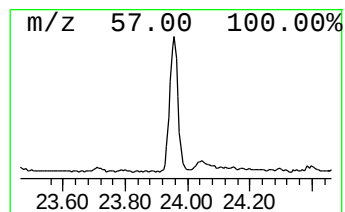
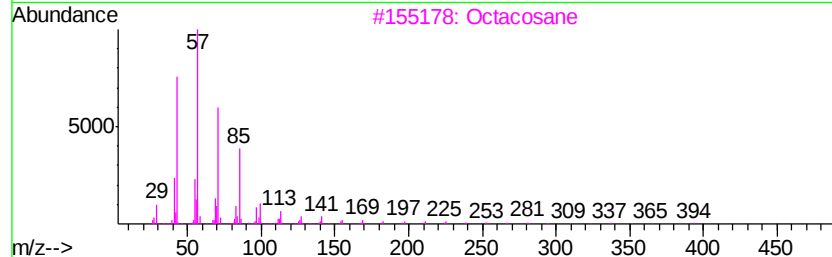
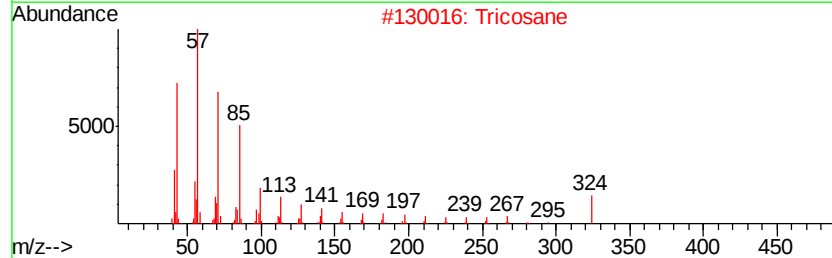
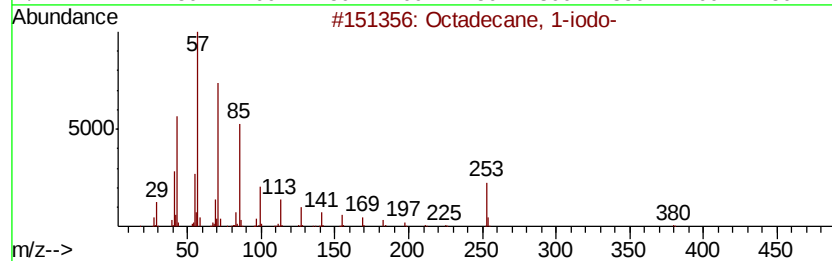
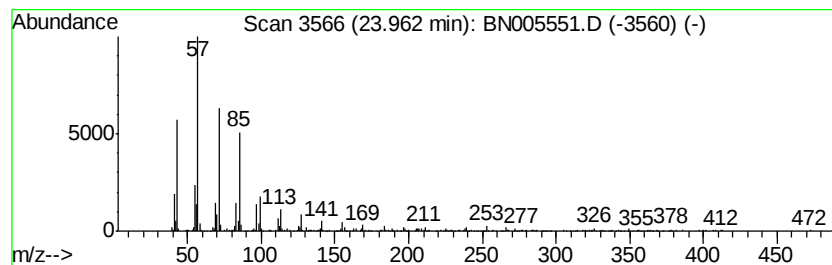
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Octadecane, 1-iodo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	5.39 ng/ul	808851	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	95
2		Tricosane	324	C23H48	000638-67-5	95
3		Octacosane	394	C28H58	000630-02-4	94
4		triacontane	422	C30H62	000638-68-6	90
5		Heneicosane	296	C21H44	000629-94-7	90



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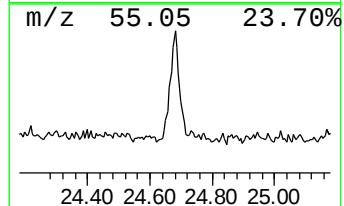
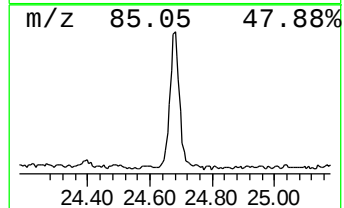
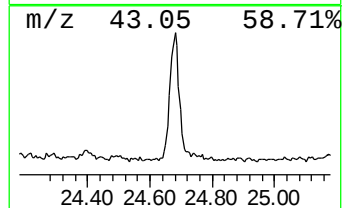
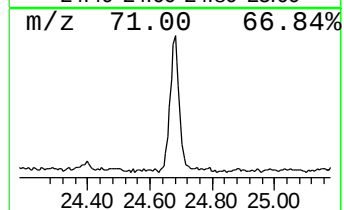
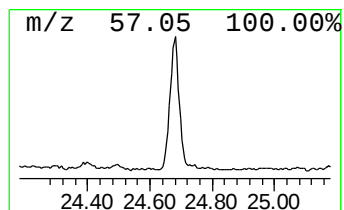
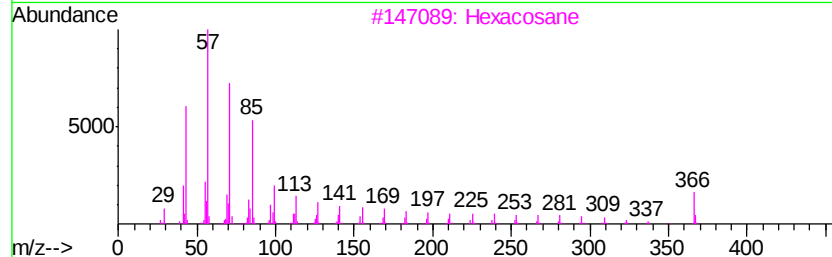
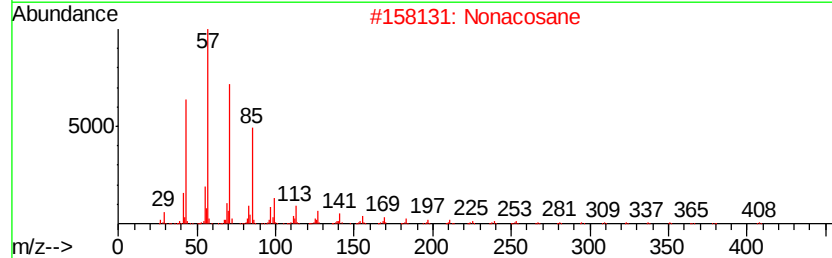
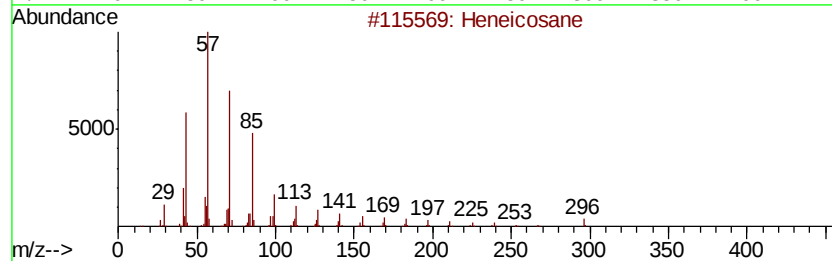
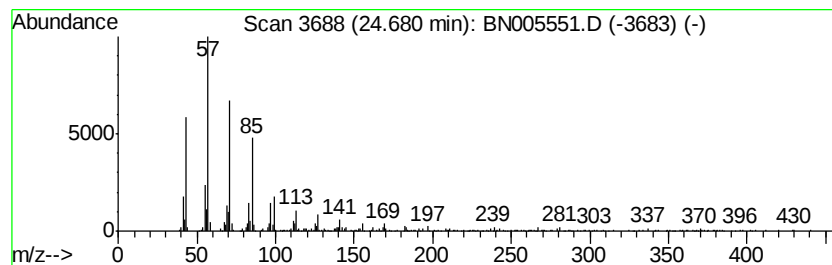
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.68	4.10 ng/ul	615627	Perylene-d12	23.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	95
2			Nonacosane	408	C29H60	000630-03-5	90
3			Hexacosane	366	C26H54	000630-01-3	90
4			Hentriacontane	437	C31H64	000630-04-6	90
5			Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\
Data File : BN005551.D
Acq On : 09 May 2019 02:21
Operator : JU/SJ
Sample : K2604-22
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ93

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	11.79	2.6	ng/ul	353429	2	10.35	2704620	20.0
(DEL) Alkane: Str...	13.06	2.3	ng/ul	376639	3	14.22	3322640	20.0
1-Naphthalenol, 1...	15.50	2.3	ng/ul	381902	3	14.22	3322640	20.0
Cyclobuta(1,2-a:3...	17.67	2.0	ng/ul	413229	4	16.98	4050970	20.0
unknown-01	17.79	2.1	ng/ul	434026	4	16.98	4050970	20.0
n-Hexadecanoic acid	17.90	6.3	ng/ul	1271750	4	16.98	4050970	20.0
1-Heneicosyl formate	20.94	7.9	ng/ul	1573240	5	21.21	3966030	20.0
(DEL) Alkane: Str...	22.28	3.8	ng/ul	760887	5	21.21	3966030	20.0
Octadecane, 1-iodo-	23.96	5.4	ng/ul	808851	6	23.42	3004070	20.0
(DEL) Alkane: Str...	24.68	4.1	ng/ul	615627	6	23.42	3004070	20.0