

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
 Data File : BN005614.D
 Acq On : 11 May 2019 06:38
 Operator : JU/SJ
 Sample : K2613-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFH60

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	6.775	638	644	661	rVB	192450	406306	15.40%	1.606%
2	6.928	665	670	683	rVB	187777	316446	12.00%	1.251%
3	7.122	697	703	710	rBV	250095	406092	15.39%	1.605%
4	7.581	775	781	790	rBV	697578	1138713	43.16%	4.502%
5	8.293	896	902	917	rBV	243995	450158	17.06%	1.780%
6	8.411	920	922	925	rVB2	5602	5196	0.20%	0.021%
7	8.728	969	976	986	rBV	233647	420516	15.94%	1.662%
8	8.905	1003	1006	1009	rVB3	3717	4927	0.19%	0.019%
9	9.158	1042	1049	1054	rVB2	20986	28084	1.06%	0.111%
10	9.440	1091	1097	1110	rVB	195573	363677	13.79%	1.438%
11	9.852	1165	1167	1171	rBV2	2391	3430	0.13%	0.014%
12	9.987	1183	1190	1207	rBV	196726	500007	18.95%	1.977%
13	10.340	1243	1250	1264	rBV	969851	1669125	63.27%	6.599%
14	11.787	1490	1496	1498	rBV3	2957	4979	0.19%	0.020%
15	11.957	1519	1525	1529	rBV4	3624	5881	0.22%	0.023%
16	12.034	1531	1538	1544	rVB5	3745	7401	0.28%	0.029%
17	12.252	1570	1575	1579	rBV3	2459	4895	0.19%	0.019%
18	12.422	1600	1604	1608	rBV3	3193	5653	0.21%	0.022%
19	12.640	1639	1641	1645	rVB3	3481	4200	0.16%	0.017%
20	12.751	1658	1660	1663	rBV2	4294	5225	0.20%	0.021%
21	12.987	1698	1700	1704	rVB4	4204	3977	0.15%	0.016%
22	13.057	1706	1712	1716	rVB5	7086	12482	0.47%	0.049%
23	13.228	1739	1741	1744	rVB4	3944	3552	0.13%	0.014%
24	13.293	1750	1752	1755	rBV4	3524	5027	0.19%	0.020%
25	13.322	1755	1757	1762	rVB6	3347	4677	0.18%	0.018%
26	13.381	1764	1767	1769	rBV3	3097	4001	0.15%	0.016%
27	13.528	1790	1792	1794	rBV2	4664	3776	0.14%	0.015%
28	13.634	1804	1810	1814	rBV	586999	832011	31.54%	3.289%
29	13.681	1814	1818	1827	rVB	260221	380079	14.41%	1.503%
30	13.904	1846	1856	1866	rBV	630478	1014218	38.44%	4.010%
31	14.046	1878	1880	1883	rVB4	5124	5016	0.19%	0.020%
32	14.140	1891	1896	1898	rBV5	13419	18990	0.72%	0.075%
33	14.216	1900	1909	1917	rVV2	1454707	2276239	86.28%	8.999%
34	14.469	1947	1952	1963	rBV4	49479	137838	5.22%	0.545%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	14.634	1977	1980	1982	rBV4	9754	10635	0.40%	0.042%
36	14.757	1999	2001	2002	rBV2	9107	5865	0.22%	0.023%
37	15.098	2055	2059	2063	rVB	38767	50701	1.92%	0.200%
38	15.169	2069	2071	2073	rVB2	16611	12312	0.47%	0.049%
39	15.216	2074	2079	2087	rVV	887493	1275776	48.36%	5.044%
40	15.369	2100	2105	2115	rBV	110476	202448	7.67%	0.800%
41	15.504	2125	2128	2132	rVB2	38703	42284	1.60%	0.167%
42	15.957	2201	2205	2207	rBV2	95338	130808	4.96%	0.517%
43	15.981	2207	2209	2218	rVB	126465	187718	7.12%	0.742%
44	16.757	2337	2341	2345	rBV2	127885	162950	6.18%	0.644%
45	16.804	2346	2349	2355	rVB2	107102	156331	5.93%	0.618%
46	16.975	2372	2378	2384	rBV2	1837746	2638148	100.00%	10.430%
47	17.075	2390	2395	2403	rBV	834497	1231466	46.68%	4.869%
48	17.492	2463	2466	2473	rVB2	167433	206673	7.83%	0.817%
49	17.898	2531	2535	2549	rVB	509451	824276	31.24%	3.259%
50	18.186	2582	2584	2589	rVB	191372	217789	8.26%	0.861%
51	18.834	2691	2694	2699	rBV3	281346	344152	13.05%	1.361%
52	19.198	2753	2756	2763	rVB5	243709	423973	16.07%	1.676%
53	19.386	2784	2788	2792	rBV	988608	1410805	53.48%	5.578%
54	19.422	2792	2794	2799	rVB2	298682	355406	13.47%	1.405%
55	19.963	2884	2886	2891	rVB	293635	286107	10.84%	1.131%
56	20.939	3049	3052	3061	rVB2	566692	731349	27.72%	2.891%
57	21.210	3094	3098	3102	rBV	1574145	2053706	77.85%	8.119%
58	23.416	3469	3473	3480	rVB	1072174	1879830	71.26%	7.432%

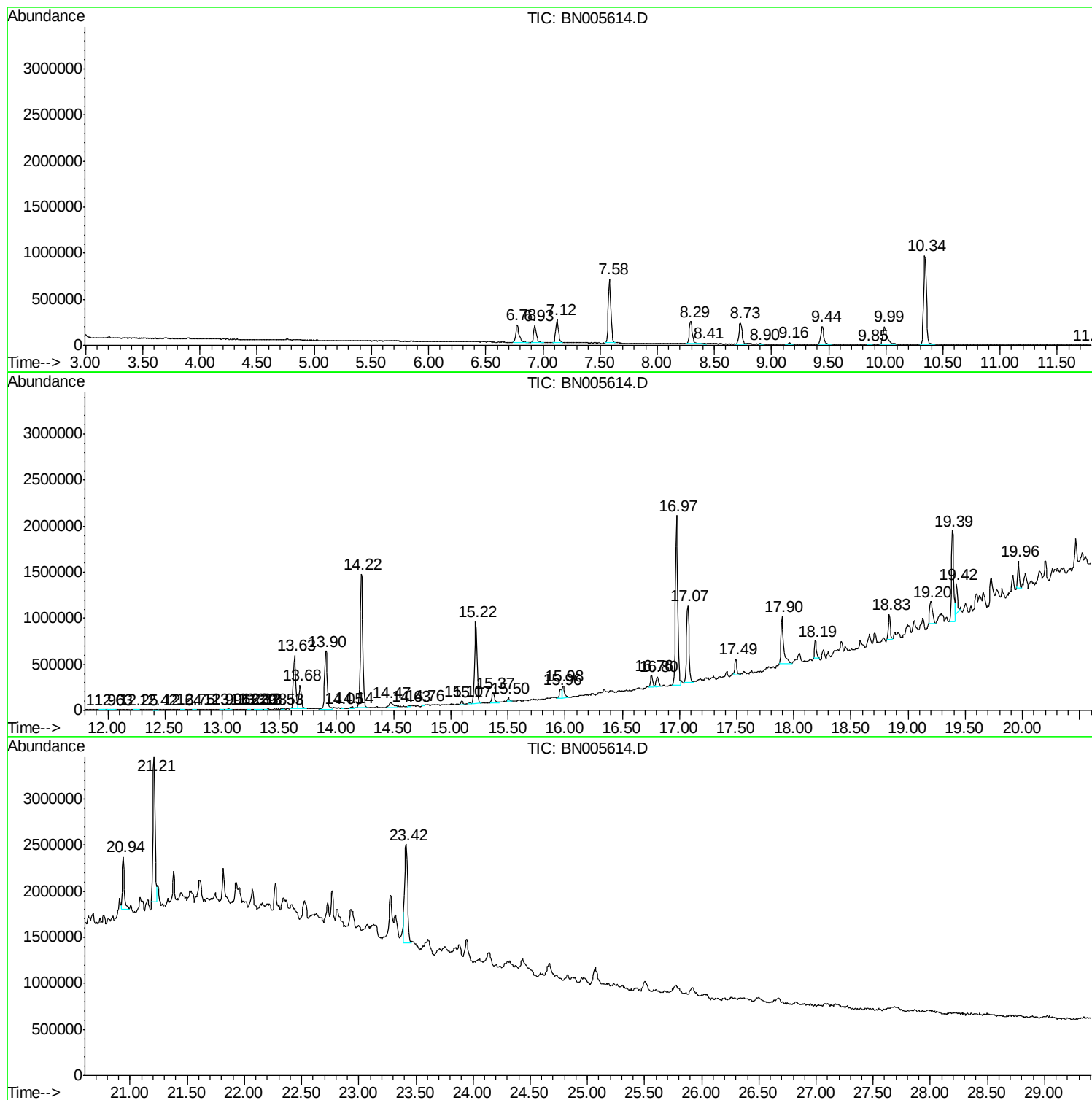
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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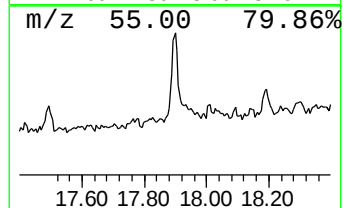
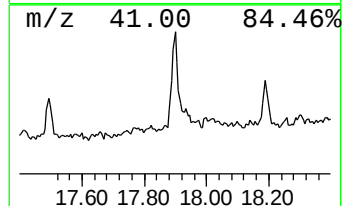
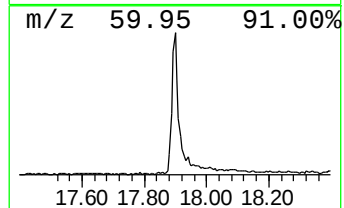
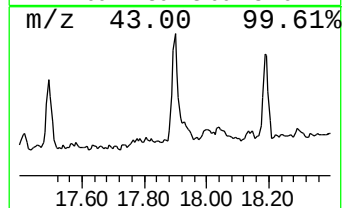
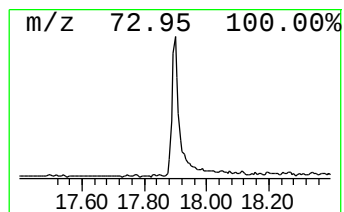
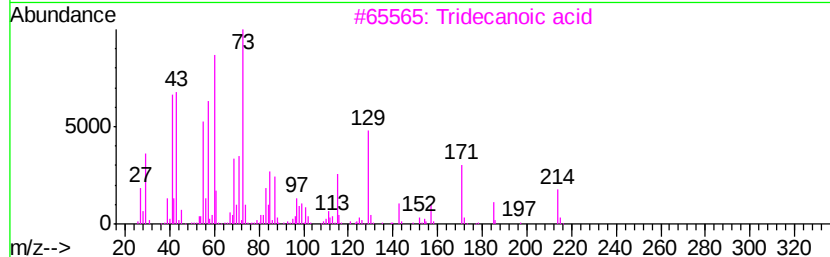
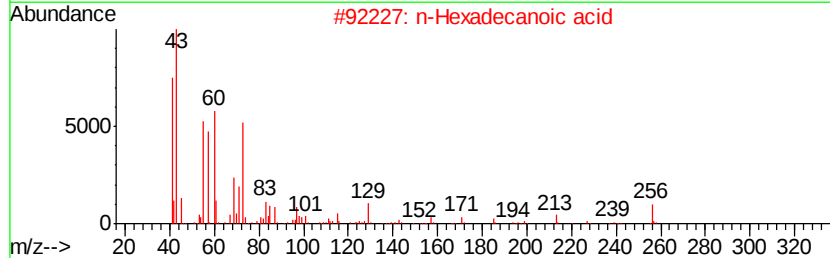
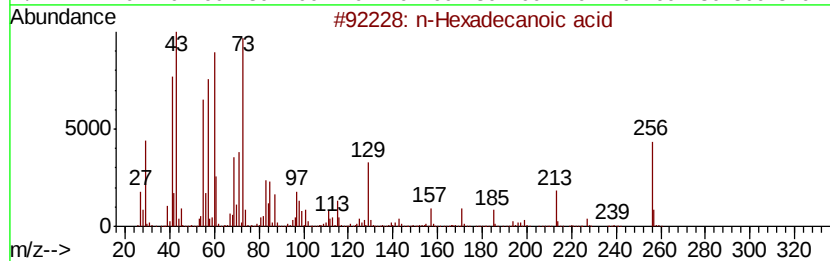
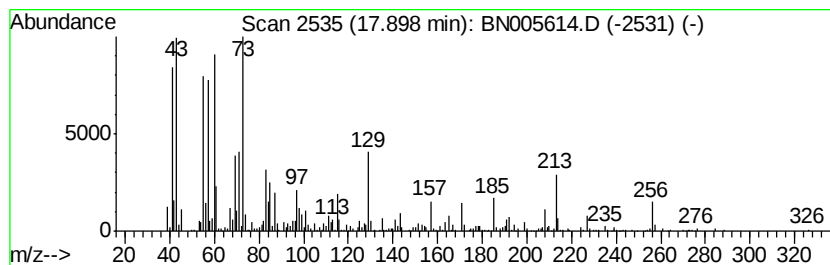
Instrument :
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ClientSampleId :
BFH60

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 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.90	6.25 ng/ul	824276	Phenanthrene-d10		16.97		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3			Tridecanoic acid	214	C13H26O2	000638-53-9	95
4			Tridecanoic acid	214	C13H26O2	000638-53-9	95
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93



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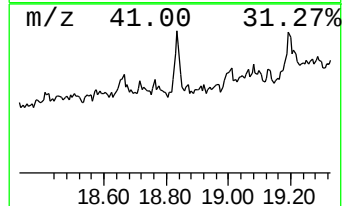
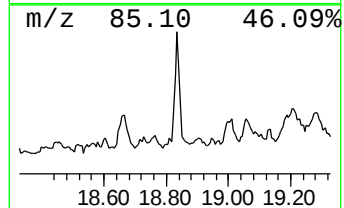
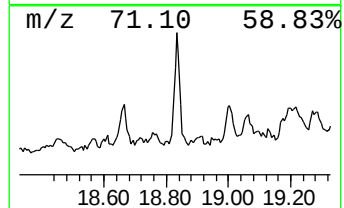
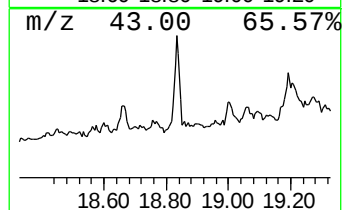
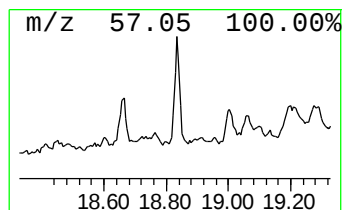
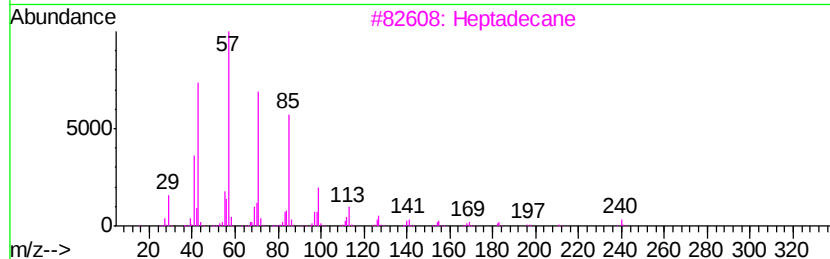
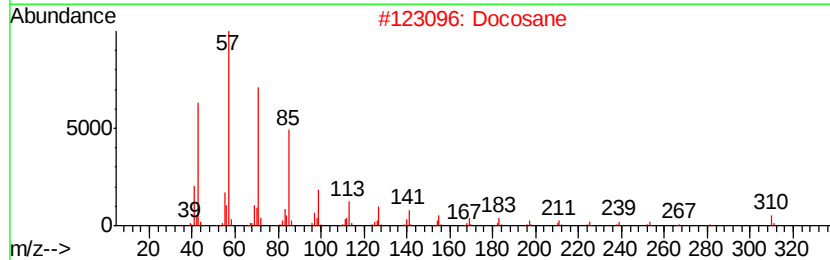
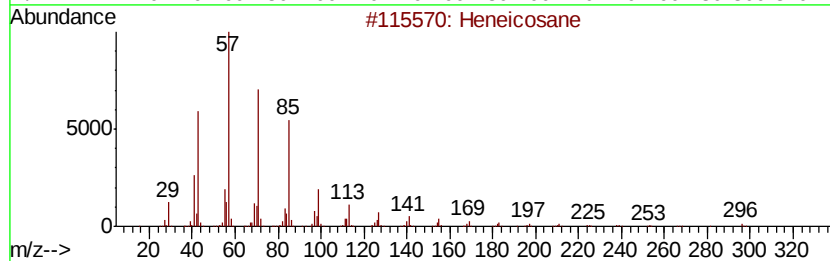
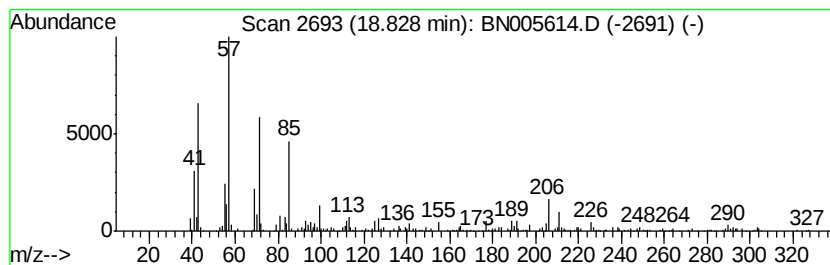
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	2.61 ng/ul	344152	Phenanthrene-d10	16.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Docosane	310	C22H46	000629-97-0	90
3		Heptadecane	240	C17H36	000629-78-7	74
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	74
5		Pentadecane	212	C15H32	000629-62-9	72



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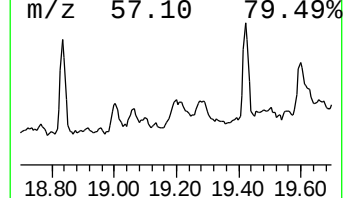
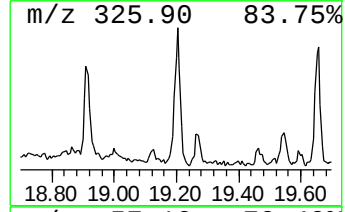
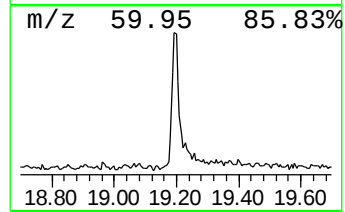
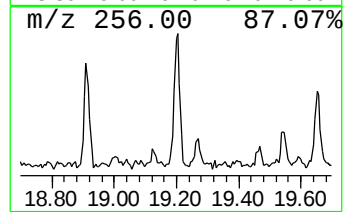
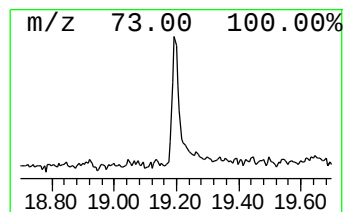
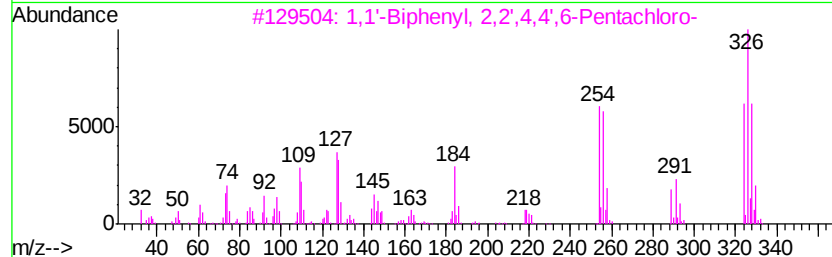
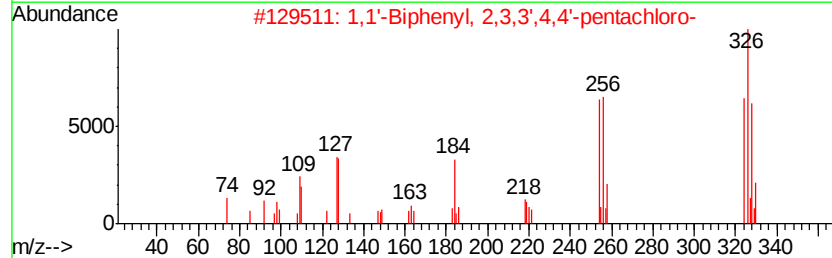
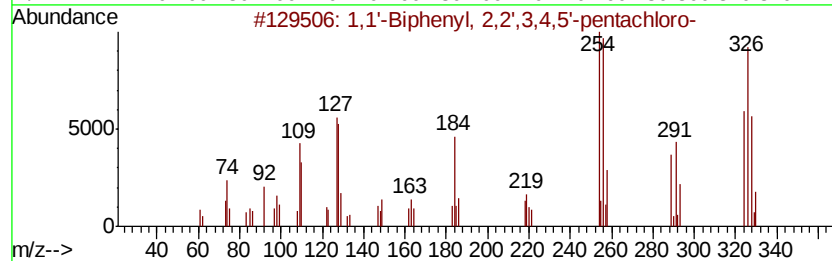
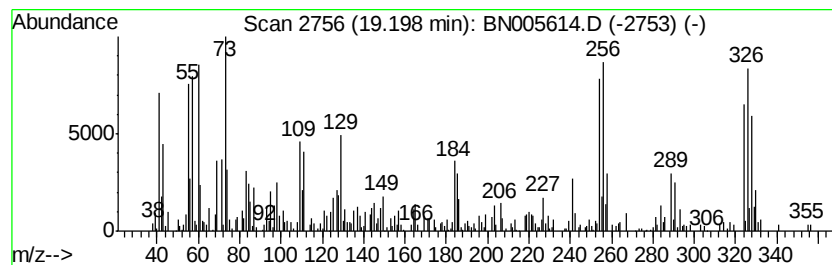
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 1,1'-Biphenyl, 2,2',3,4,5'-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	4.13 ng/ul	423973	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	91
2		1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	90
3		1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	90
4		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	89
5		1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	87



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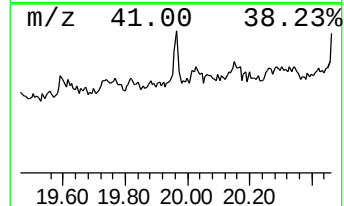
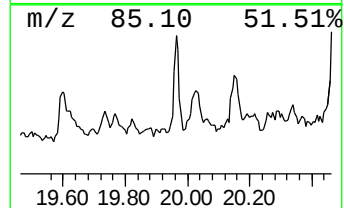
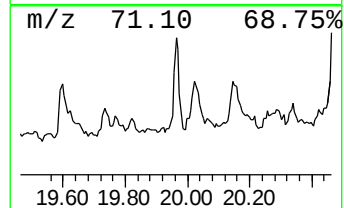
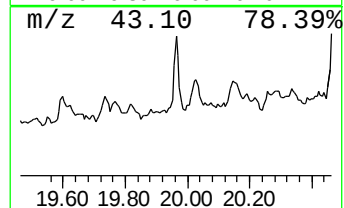
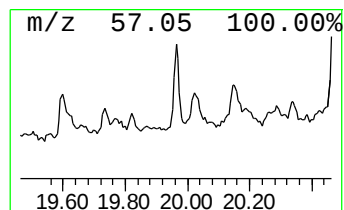
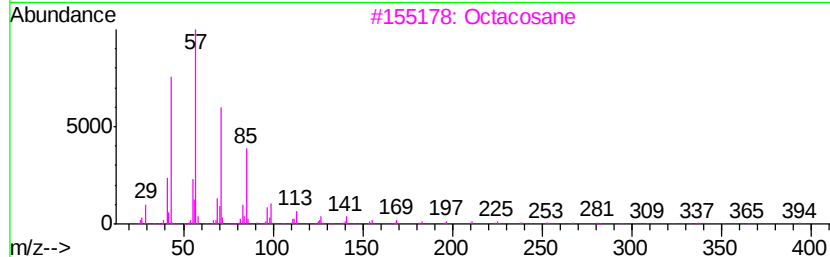
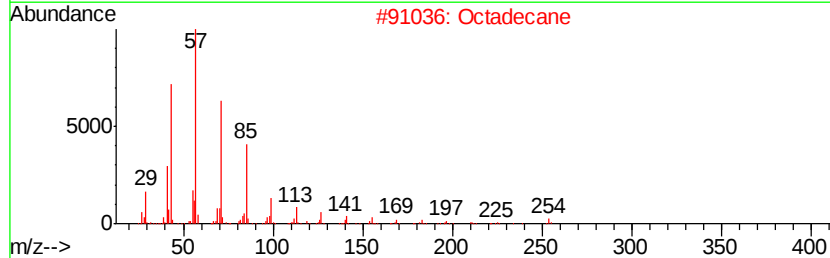
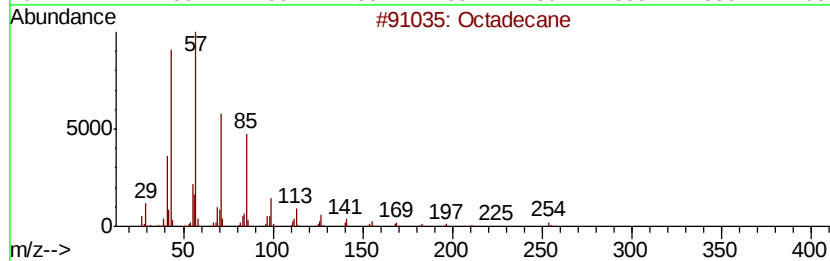
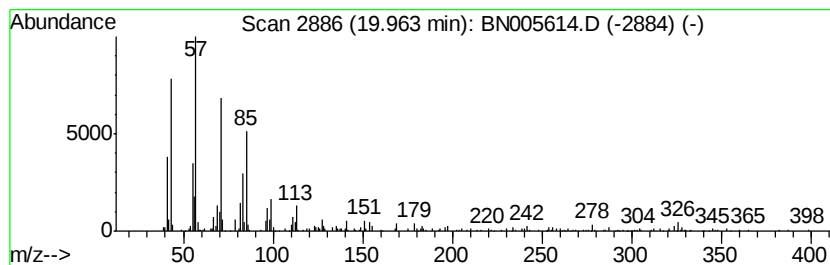
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	2.79 ng/ul	286107	Chrysene-d12	21.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	93
2	Octadecane		254	C18H38	000593-45-3	91
3	Octacosane		394	C28H58	000630-02-4	87
4	Nonacosane		408	C29H60	000630-03-5	83
5	Heneicosane		296	C21H44	000629-94-7	83



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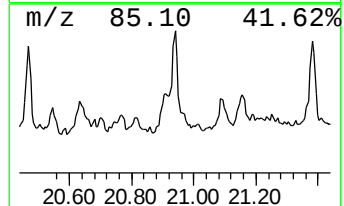
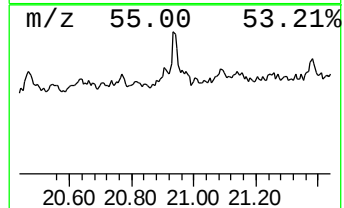
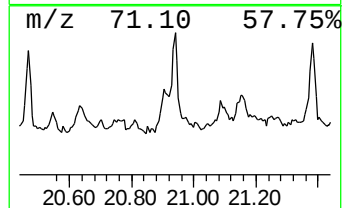
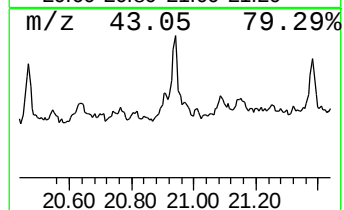
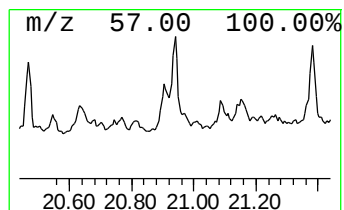
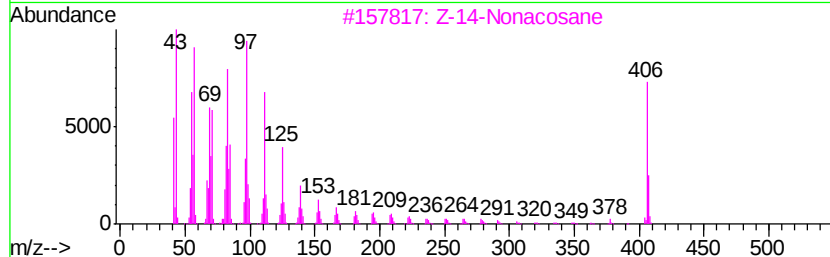
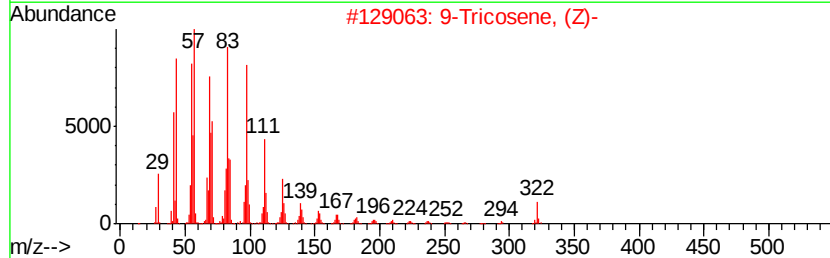
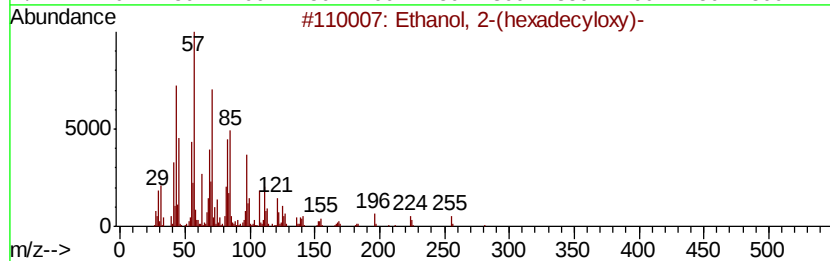
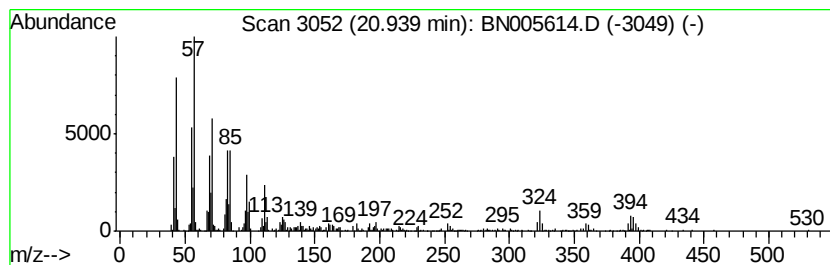
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Ethanol, 2-(hexadecyloxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	7.12 ng/ul	731349	Chrysene-d12	21.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	80
2			9-Tricosene, (Z)-	322	C23H46	027519-02-4	74
3			Z-14-Nonacosane	406	C29H58	1000131-18-9	70
4			9-Tricosene, (Z)-	322	C23H46	027519-02-4	52
5			9-Tricosene, (Z)-	322	C23H46	027519-02-4	51



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
Data File : BN005614.D
Acq On : 11 May 2019 06:38
Operator : JU/SJ
Sample : K2613-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFH60

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
n-Hexadecanoic acid	17.90	6.3	ng/ul	824276	4	16.97	2638150	20.0
(DEL) Alkane: Str...	18.83	2.6	ng/ul	344152	4	16.97	2638150	20.0
1,1'-Biphenyl, 2,...	19.20	4.1	ng/ul	423973	5	21.21	2053710	20.0
(DEL) Alkane: Str...	19.96	2.8	ng/ul	286107	5	21.21	2053710	20.0
Ethanol, 2-(hexad...	20.94	7.1	ng/ul	731349	5	21.21	2053710	20.0