

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
 Data File : BP000189.D
 Acq On : 11 Sep 2019 01:05
 Operator : HP/JU
 Sample : K4633-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D15

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_P\METHODS\SOM-EPA-BP090519MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.187	9	17	21	rBV	11075764	18521856	100.00%	16.778%
2	2.293	31	35	39	rVB	29228	39512	0.21%	0.036%
3	2.340	39	43	49	rVB	25449	40196	0.22%	0.036%
4	2.622	87	91	103	rVB	89183	130374	0.70%	0.118%
5	3.446	229	231	241	rBV	10502	25159	0.14%	0.023%
6	3.781	283	288	296	rVB	46705	69338	0.37%	0.063%
7	3.934	309	314	317	rBV	33355	41551	0.22%	0.038%
8	3.975	317	321	325	rVV	132078	181759	0.98%	0.165%
9	4.004	325	326	331	rVB	31702	29913	0.16%	0.027%
10	4.204	354	360	365	rBV	58835	77219	0.42%	0.070%
11	4.563	418	421	428	rVB3	17483	22682	0.12%	0.021%
12	4.799	456	461	467	rVB	49883	55235	0.30%	0.050%
13	5.093	507	511	517	rVB	146131	136202	0.74%	0.123%
14	5.846	637	639	643	rVB	25632	23946	0.13%	0.022%
15	6.022	666	669	674	rVB	85363	77401	0.42%	0.070%
16	6.204	695	700	705	rBV3	43910	47104	0.25%	0.043%
17	6.440	730	740	742	rBV5	12643	18704	0.10%	0.017%
18	6.516	749	753	759	rBV2	3097727	3034010	16.38%	2.748%
19	6.575	759	763	767	rBV	2531020	2146063	11.59%	1.944%
20	6.663	774	778	782	rBV	3459149	2819941	15.22%	2.554%
21	6.722	785	788	790	rBV	39359	35667	0.19%	0.032%
22	6.816	802	804	809	rBV	21926	20279	0.11%	0.018%
23	6.898	814	818	821	rVV	3101703	2682000	14.48%	2.429%
24	6.957	824	828	835	rVB	34607	35258	0.19%	0.032%
25	7.263	876	880	883	rBV	3668826	2963359	16.00%	2.684%
26	7.451	908	912	915	rVV	3140011	2439512	13.17%	2.210%
27	7.534	923	926	930	rVB3	22849	19754	0.11%	0.018%
28	7.663	945	948	951	rVB	92584	72046	0.39%	0.065%
29	7.775	964	967	971	rBV	2318249	1994659	10.77%	1.807%
30	8.022	1005	1009	1012	rBV	3752568	3286803	17.75%	2.977%
31	8.081	1016	1019	1032	rVB3	30445	47281	0.26%	0.043%
32	8.181	1032	1036	1039	rBV	4614021	3480073	18.79%	3.152%
33	8.234	1041	1045	1048	rBV	2330022	1730505	9.34%	1.568%
34	8.504	1089	1091	1096	rVV4	16379	20156	0.11%	0.018%

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35	8.563	1096	1101	1104	rVV4	12259	20362	0.11%	0.018%
36	8.863	1149	1152	1155	rBV	78554	60425	0.33%	0.055%
37	9.139	1195	1199	1202	rBV2	17700	21768	0.12%	0.020%
38	9.357	1227	1236	1238	rBV2	36970	69553	0.38%	0.063%
39	9.381	1238	1240	1243	rVV3	38974	34582	0.19%	0.031%
40	9.634	1279	1283	1285	rBV	5084659	4088054	22.07%	3.703%
41	9.657	1285	1287	1290	rVB	1935682	1321117	7.13%	1.197%
42	9.757	1301	1304	1306	rBV3	18328	25894	0.14%	0.023%
43	9.792	1306	1310	1313	rBV	6498130	5207142	28.11%	4.717%
44	9.945	1333	1336	1340	rVB	4211053	3828024	20.67%	3.468%
45	9.981	1340	1342	1344	rBV	52060	36423	0.20%	0.033%
46	10.039	1348	1352	1356	rBV	1814929	1641139	8.86%	1.487%
47	10.116	1362	1365	1368	rBV	118010	120226	0.65%	0.109%
48	10.151	1368	1371	1375	rVV2	182122	170902	0.92%	0.155%
49	10.475	1422	1426	1429	rVV	6336020	5648637	30.50%	5.117%
50	10.528	1432	1435	1445	rVV	828597	880394	4.75%	0.797%
51	10.598	1445	1447	1451	rVB	116607	105155	0.57%	0.095%
52	10.869	1491	1493	1496	rVB	37257	26396	0.14%	0.024%
53	10.898	1496	1498	1503	rVB3	40014	36605	0.20%	0.033%
54	11.022	1517	1519	1524	rVB	58755	50144	0.27%	0.045%
55	11.110	1532	1534	1537	rVB	33803	25120	0.14%	0.023%
56	11.251	1555	1558	1562	rVB2	29034	31337	0.17%	0.028%
57	11.292	1562	1565	1567	rBV4	23300	27817	0.15%	0.025%
58	11.345	1572	1574	1577	rVB	29203	25002	0.13%	0.023%
59	11.398	1581	1583	1588	rBV3	39302	48120	0.26%	0.044%
60	11.451	1588	1592	1595	rBV	4479338	3832332	20.69%	3.471%
61	11.475	1595	1596	1598	rVB	392459	197140	1.06%	0.179%
62	11.510	1598	1602	1605	rBV	6538676	5427822	29.30%	4.917%
63	11.592	1613	1616	1619	rBV3	37247	54447	0.29%	0.049%
64	11.622	1619	1621	1624	rVB	40483	35801	0.19%	0.032%
65	11.681	1629	1631	1635	rVB	66966	57764	0.31%	0.052%
66	11.922	1669	1672	1675	rBV5	33658	47577	0.26%	0.043%
67	11.957	1675	1678	1681	rBV	149271	162291	0.88%	0.147%
68	12.010	1681	1687	1695	rVV	2690245	3258805	17.59%	2.952%
69	12.075	1696	1698	1700	rVB	55814	52547	0.28%	0.048%
70	12.169	1711	1714	1722	rVB5	62240	94466	0.51%	0.086%
71	12.263	1727	1730	1731	rBV	57162	56258	0.30%	0.051%

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72	12.280	1731	1733	1739	rVB3	76925	75035	0.41%	0.068%
73	12.522	1771	1774	1777	rBV2	80302	78158	0.42%	0.071%
74	12.604	1786	1788	1791	rBV2	61054	55850	0.30%	0.051%
75	12.686	1796	1802	1806	rBV	881446	918571	4.96%	0.832%
76	12.810	1818	1823	1834	rBV3	1210347	1580950	8.54%	1.432%
77	12.904	1834	1839	1845	rVB2	6235484	6588610	35.57%	5.968%
78	13.069	1864	1867	1873	rVB3	71557	102788	0.55%	0.093%
79	13.298	1903	1906	1908	rBV	88708	94777	0.51%	0.086%
80	13.327	1908	1911	1913	rVB2	91280	96435	0.52%	0.087%
81	13.363	1914	1917	1919	rBV	165507	152074	0.82%	0.138%
82	13.457	1930	1933	1936	rVB	87447	73660	0.40%	0.067%
83	13.486	1936	1938	1942	rBV	75236	62980	0.34%	0.057%
84	13.680	1969	1971	1976	rVB2	110712	124502	0.67%	0.113%
85	13.775	1983	1987	1992	rVB2	203184	235525	1.27%	0.213%
86	13.886	2002	2006	2010	rBV2	243591	352031	1.90%	0.319%
87	13.939	2013	2015	2016	rBV	55174	36767	0.20%	0.033%
88	13.986	2021	2023	2024	rVV	78181	65985	0.36%	0.060%
89	14.010	2024	2027	2033	rVB	1289964	1773292	9.57%	1.606%
90	14.145	2045	2050	2053	rBV	3499398	4325334	23.35%	3.918%
91	14.175	2053	2055	2058	rVB	570828	506422	2.73%	0.459%
92	14.239	2063	2066	2068	rBV	135134	168415	0.91%	0.153%
93	14.351	2082	2085	2092	rBV3	263083	507027	2.74%	0.459%
94	14.580	2122	2124	2127	rBV	227682	215987	1.17%	0.196%
95	14.674	2137	2140	2149	rVB	541007	1009460	5.45%	0.914%
96	15.604	2294	2298	2307	rVB	2908332	5139576	27.75%	4.656%
97	15.704	2310	2315	2320	rVB	1968052	2861105	15.45%	2.592%

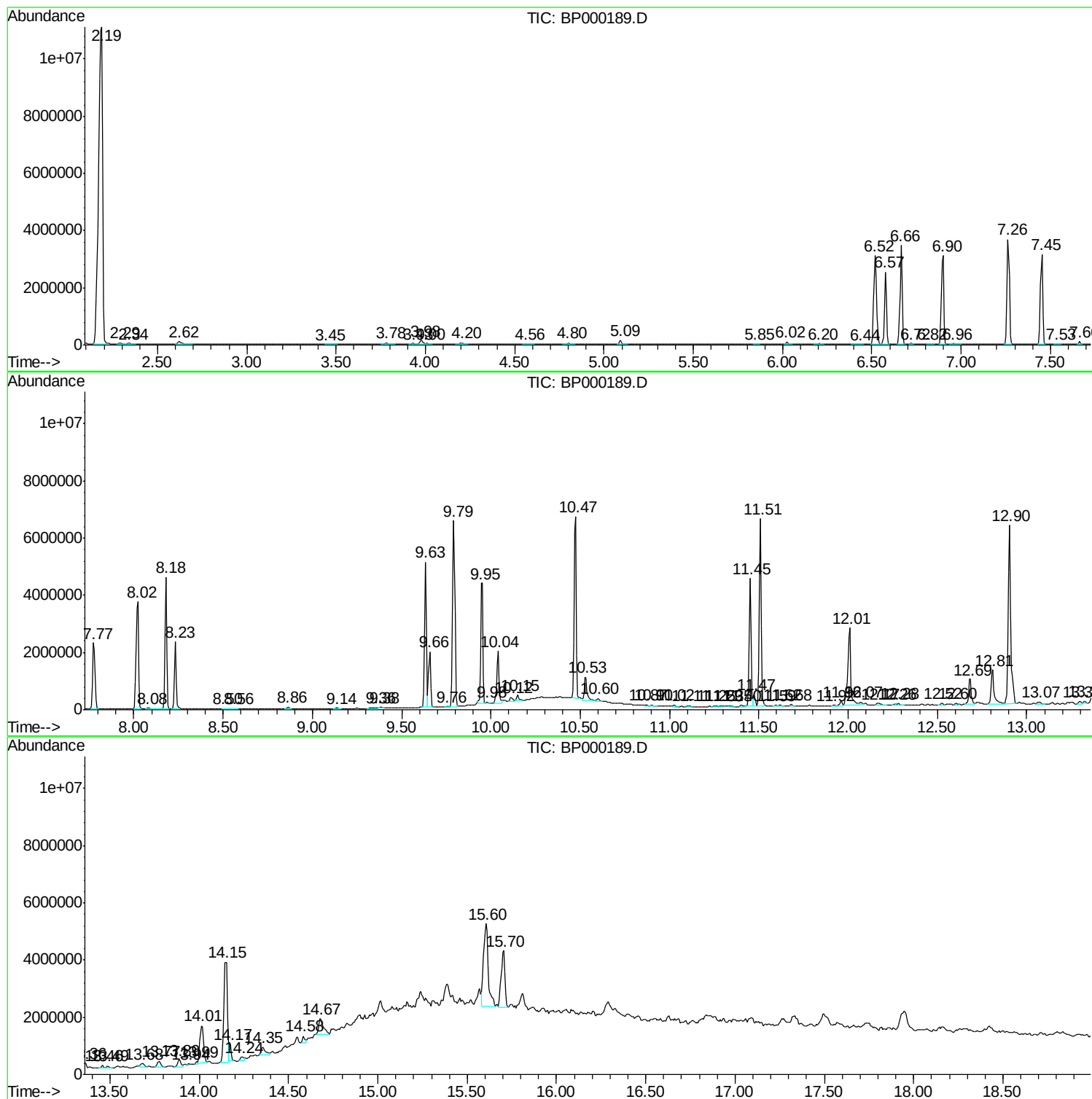
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

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



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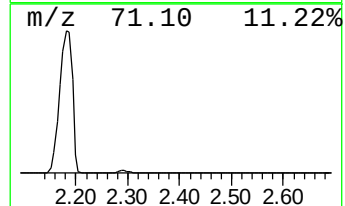
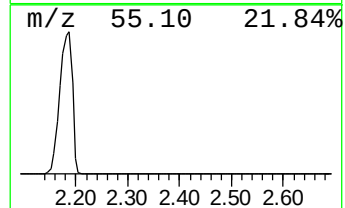
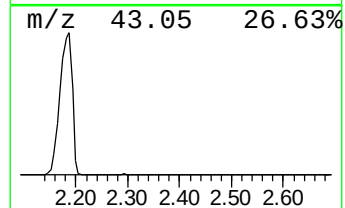
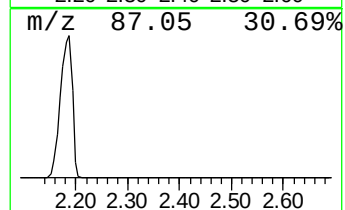
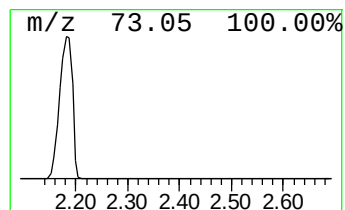
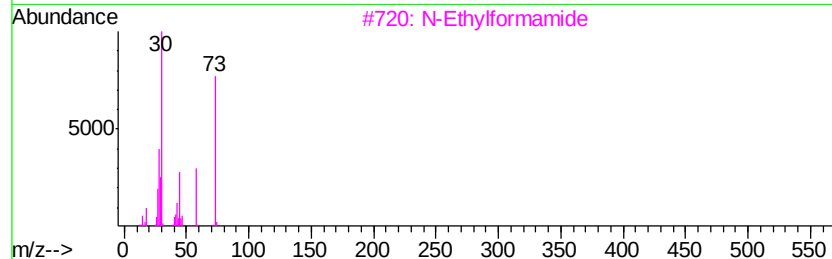
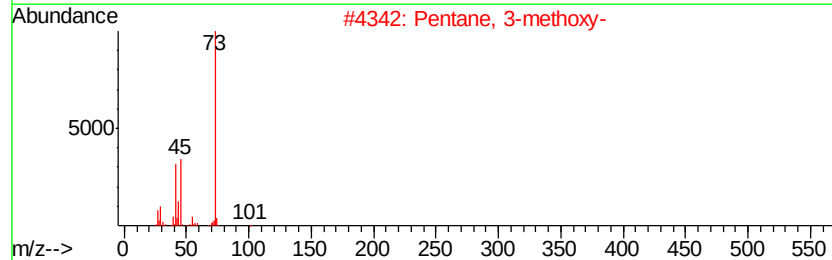
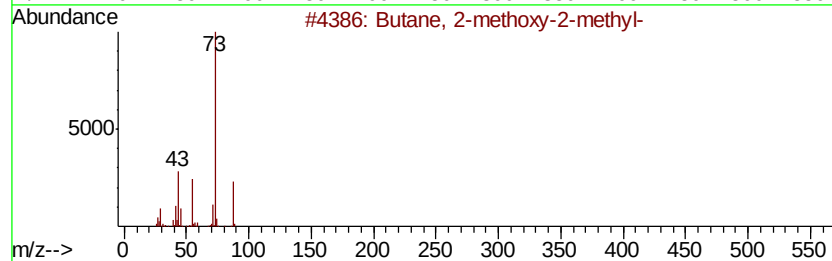
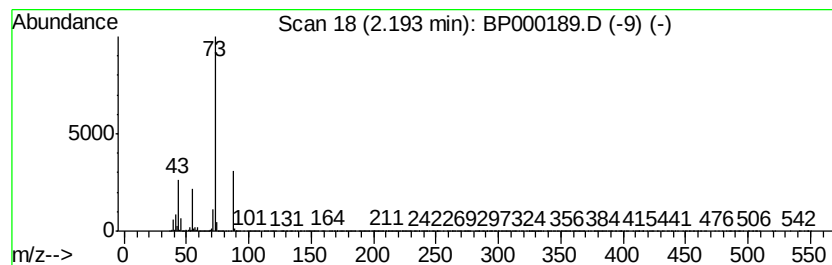
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	138.12 ng/ul	18521900	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5		1,4-Butanediamine	88	C4H12N2	000110-60-1	9



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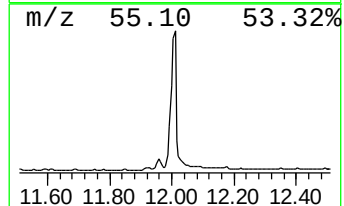
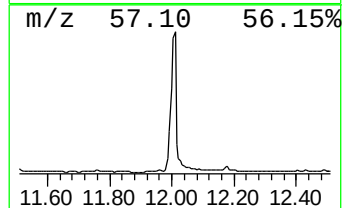
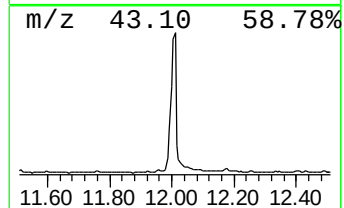
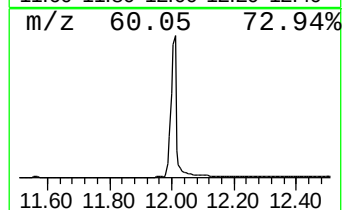
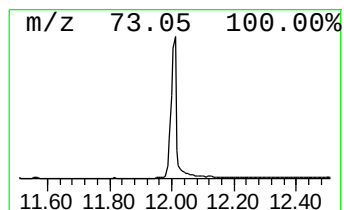
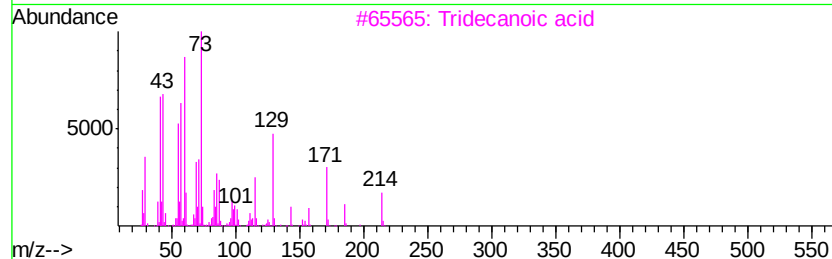
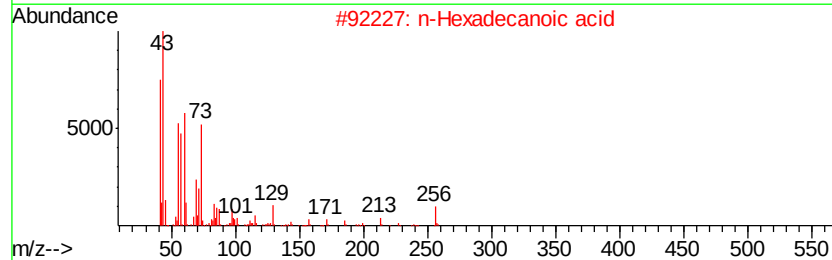
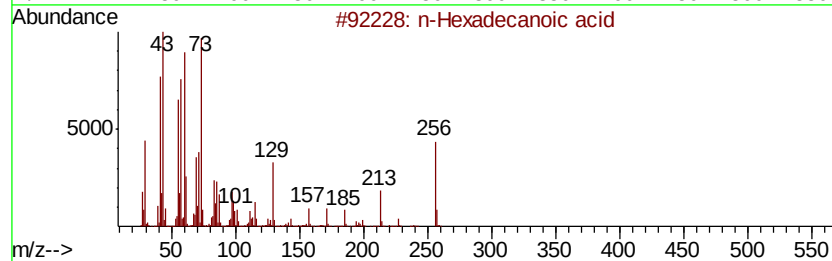
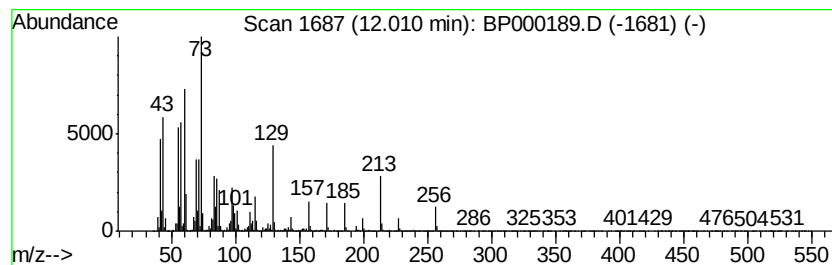
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	17.01 ng/ul	3258810	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	90
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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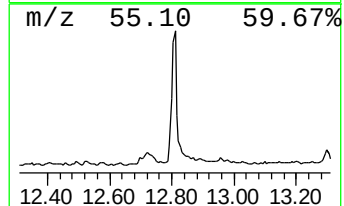
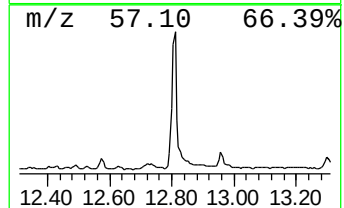
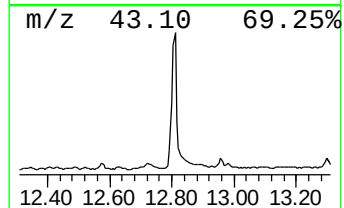
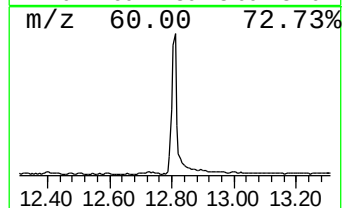
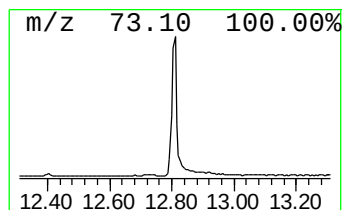
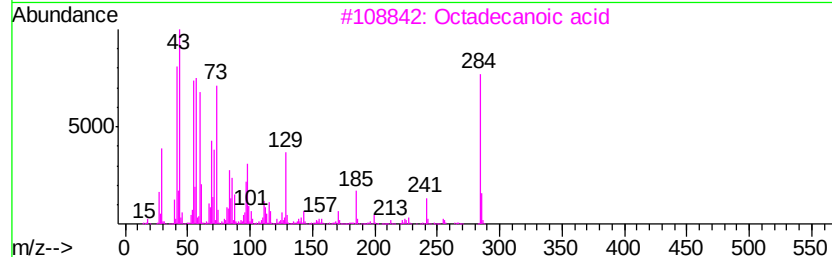
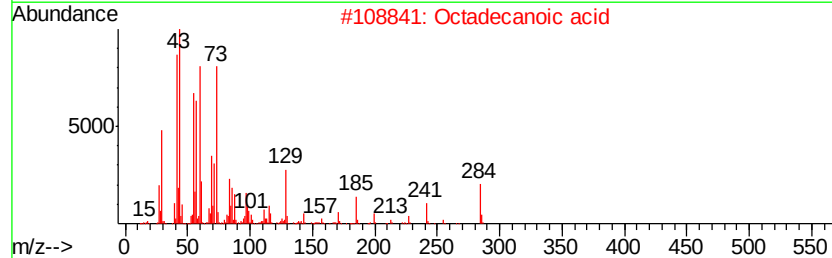
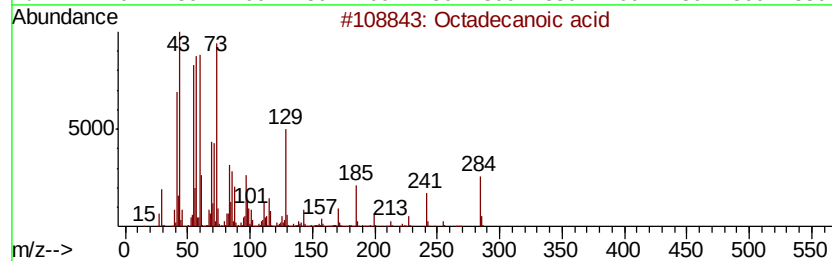
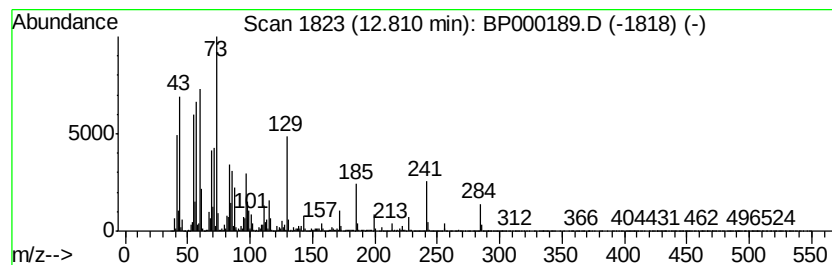
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	7.31 ng/ul	1580950	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	95
3		Octadecanoic acid	284	C18H36O2	000057-11-4	94
4		Octadecanoic acid	284	C18H36O2	000057-11-4	93
5		Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	93



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ClientSampleId :
F2D15

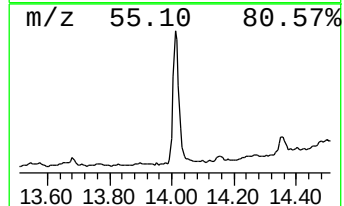
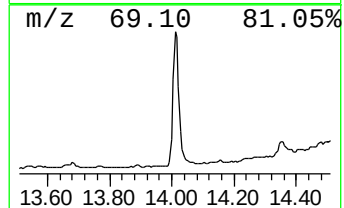
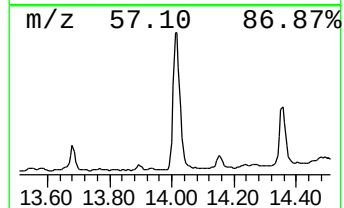
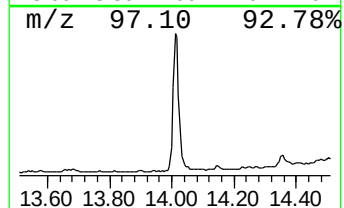
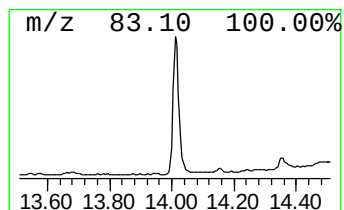
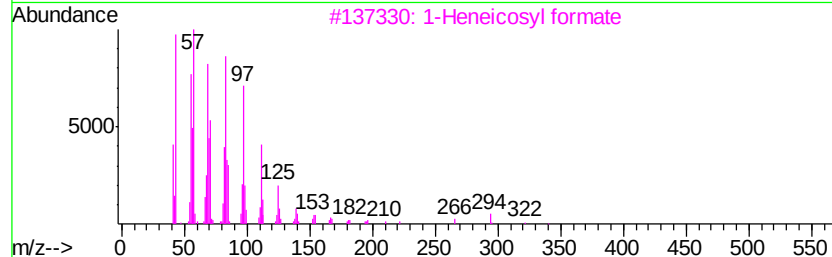
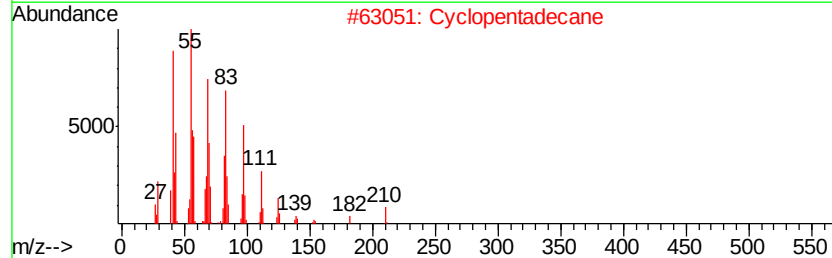
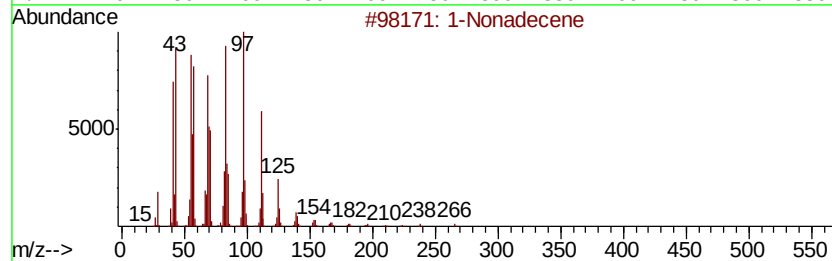
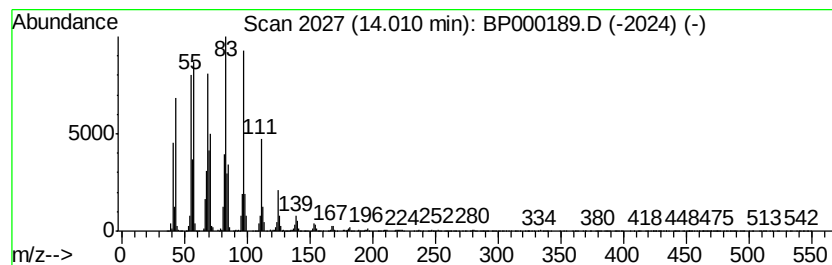
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic14.01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	8.20 ng/ul	1773290	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	94
2		Cyclopentadecane	210	C15H30	000295-48-7	93
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000189.D
Acq On : 11 Sep 2019 01:05
Operator : HP/JU
Sample : K4633-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F2D15

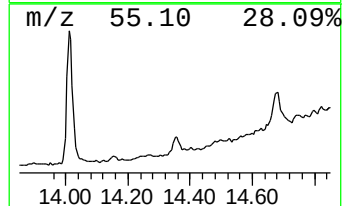
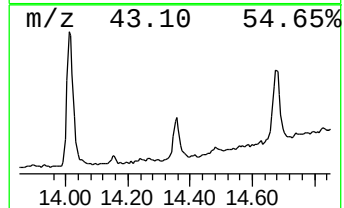
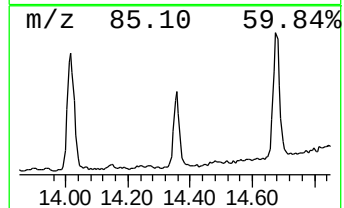
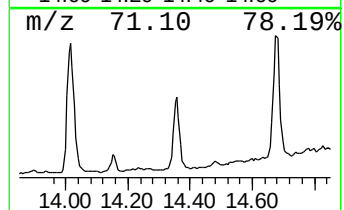
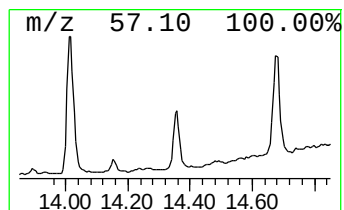
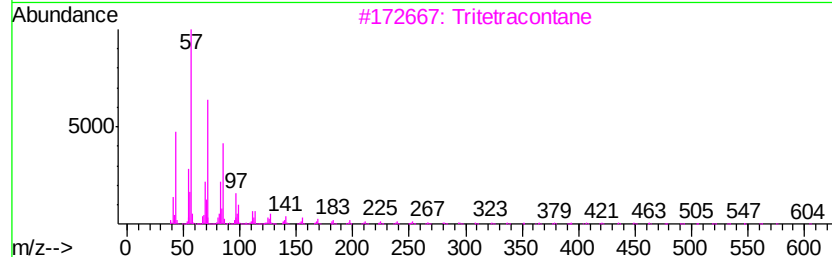
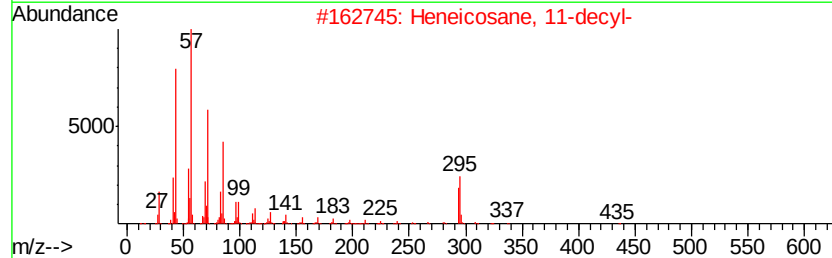
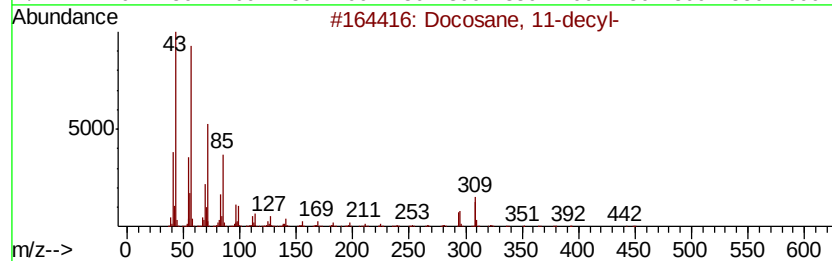
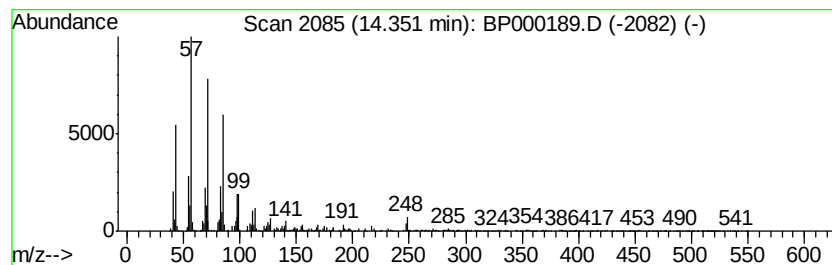
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	2.34 ng/ul	507027	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-decyl-	451	C32H66	055401-55-3	91
2		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
3		Tritetracontane	605	C43H88	007098-21-7	87
4		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
5		10-Methylnonadecane	282	C20H42	056862-62-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000189.D
Acq On : 11 Sep 2019 01:05
Operator : HP/JU
Sample : K4633-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F2D15

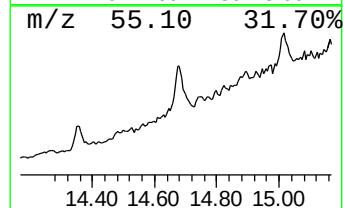
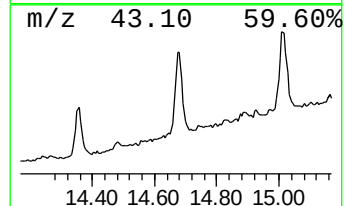
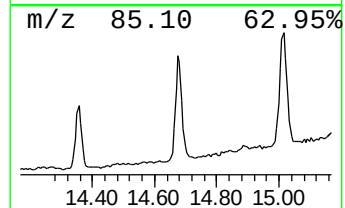
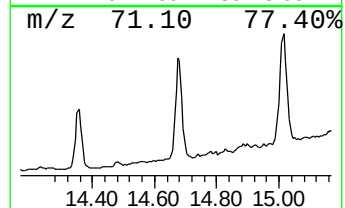
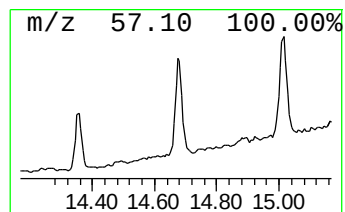
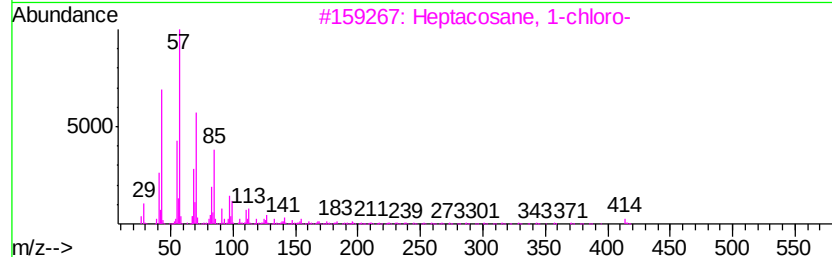
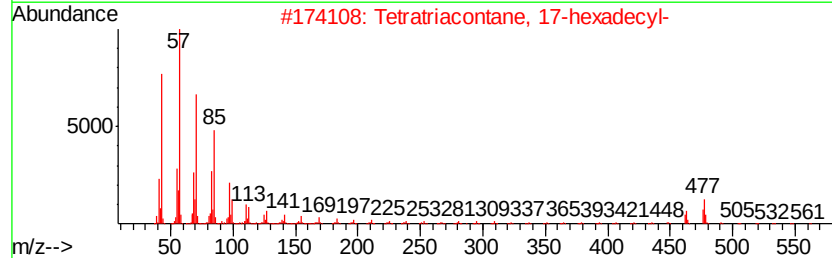
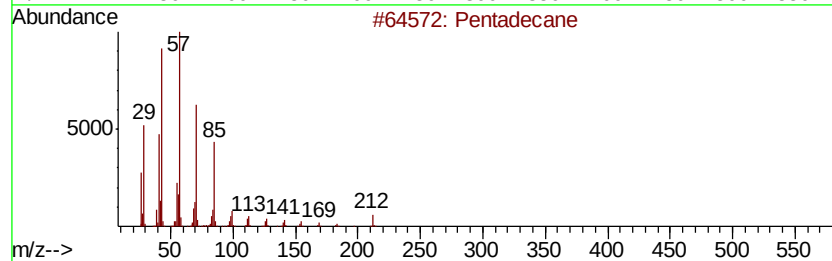
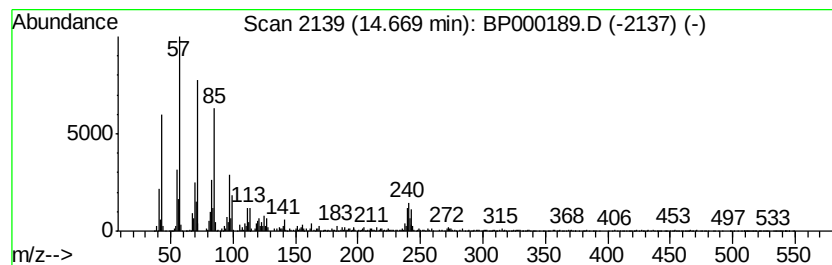
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	4.67 ng/ul	1009460	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	78
2		Tetratriacontane, 17-hexadecyl-	703	C50H102	055256-07-0	74
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	72
4		Heptadecane	240	C17H36	000629-78-7	70
5		Heneicosane	296	C21H44	000629-94-7	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091019\
Data File : BP000189.D
Acq On : 11 Sep 2019 01:05
Operator : HP/JU
Sample : K4633-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F2D15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.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
Butane, 2-methoxy...	2.19	138.1	ng/ul	18521900	1	6.90	2682000	20.0
n-Hexadecanoic acid	12.01	17.0	ng/ul	3258810	4	11.45	3832330	20.0
Octadecanoic acid	12.81	7.3	ng/ul	1580950	5	14.15	4325330	20.0
(DEL) Alkane: Cyc...	14.01	8.2	ng/ul	1773290	5	14.15	4325330	20.0
(DEL) Alkane: Str...	14.35	2.3	ng/ul	507027	5	14.15	4325330	20.0
(DEL) Alkane: Str...	14.67	4.7	ng/ul	1009460	5	14.15	4325330	20.0