

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121820\
 Data File : BM028161.D
 Acq On : 18 Dec 2020 16:13
 Operator : JU/CG
 Sample : L5068-23
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A54K4

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.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	3.340	22	26	30	rVB3	3922	5021	0.15%	0.007%
2	3.422	36	40	42	rBV	21912	29751	0.91%	0.043%
3	3.458	42	46	57	rVB	95923	143450	4.40%	0.209%
4	3.746	92	95	105	rBV	5758	11307	0.35%	0.016%
5	4.093	151	154	157	rBV5	3134	4470	0.14%	0.007%
6	4.228	172	177	182	rBV2	4664	7322	0.22%	0.011%
7	4.587	233	238	247	rBV	32731	49433	1.51%	0.072%
8	5.222	341	346	357	rBV	181414	259521	7.95%	0.379%
9	6.446	552	554	561	rVB4	3383	5347	0.16%	0.008%
10	7.346	701	707	720	rVB	414970	689074	21.12%	1.005%
11	7.522	730	737	745	rBV	293841	469220	14.38%	0.685%
12	7.616	746	753	762	rVV	471288	692077	21.21%	1.010%
13	7.728	765	772	775	rBV	416986	707664	21.68%	1.033%
14	7.763	775	778	794	rVB	535837	793635	24.32%	1.158%
15	8.210	846	854	861	rBV	322408	516970	15.84%	0.754%
16	8.263	861	863	867	rVB2	3621	4152	0.13%	0.006%
17	8.745	936	945	950	rBV	292859	722541	22.14%	1.054%
18	8.792	950	953	964	rVB	31516	46519	1.43%	0.068%
19	8.910	967	973	982	rVV	459304	742763	22.76%	1.084%
20	9.022	985	992	1004	rVB	281946	441243	13.52%	0.644%
21	9.310	1033	1041	1047	rBV	333958	550514	16.87%	0.803%
22	9.381	1047	1053	1057	rVV	346699	604264	18.52%	0.882%
23	9.428	1057	1061	1073	rVB	417756	668390	20.48%	0.975%
24	9.534	1076	1079	1087	rVB6	2816	4613	0.14%	0.007%
25	9.775	1114	1120	1126	rVB2	11041	17448	0.53%	0.025%
26	10.110	1170	1177	1186	rBV	294379	480115	14.71%	0.701%
27	10.434	1225	1232	1238	rVB	372356	575394	17.63%	0.840%
28	10.651	1262	1269	1271	rBV	488003	845441	25.91%	1.234%
29	10.675	1271	1273	1284	rVB	540193	727564	22.29%	1.062%
30	11.039	1320	1335	1339	rBV	424263	714007	21.88%	1.042%
31	11.086	1339	1343	1350	rVV	574832	955603	29.28%	1.394%
32	11.163	1350	1356	1370	rVB	431048	735888	22.55%	1.074%
33	11.369	1384	1391	1397	rBV	312368	504564	15.46%	0.736%
34	12.422	1561	1570	1576	rVB5	5077	8605	0.26%	0.013%

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35	12.539	1584	1590	1596	rVV	9408	14821	0.45%	0.022%
36	12.604	1598	1601	1606	rVV	7580	10424	0.32%	0.015%
37	12.804	1630	1635	1643	rBV3	15354	29034	0.89%	0.042%
38	12.898	1643	1651	1658	rVV	742757	1117347	34.24%	1.630%
39	13.022	1666	1672	1674	rBV	315943	502680	15.40%	0.733%
40	13.275	1709	1715	1721	rBV	781388	1141611	34.98%	1.666%
41	13.345	1721	1727	1737	rVB	482348	728769	22.33%	1.063%
42	13.651	1773	1779	1781	rBV2	9121	13510	0.41%	0.020%
43	13.722	1785	1791	1798	rVB	714475	1053593	32.29%	1.537%
44	14.233	1872	1878	1882	rVV	779625	1066886	32.69%	1.557%
45	14.280	1882	1886	1893	rVB	878640	1142637	35.01%	1.667%
46	14.404	1901	1907	1913	rBV	311598	408206	12.51%	0.596%
47	14.463	1914	1917	1922	rVB6	2479	4191	0.13%	0.006%
48	14.533	1922	1929	1932	rBV	903788	1468564	45.00%	2.143%
49	14.563	1932	1934	1940	rVB	648220	746817	22.88%	1.090%
50	14.710	1955	1959	1964	rVB3	6072	7810	0.24%	0.011%
51	14.833	1972	1980	1986	rBV2	570664	843296	25.84%	1.230%
52	14.898	1986	1991	1998	rVB	678527	954811	29.26%	1.393%
53	15.004	2003	2009	2019	rBV	469379	671349	20.57%	0.980%
54	15.098	2019	2025	2032	rVV	548365	742263	22.75%	1.083%
55	15.180	2034	2039	2043	rVV	280823	390690	11.97%	0.570%
56	15.227	2043	2047	2055	rVB	680300	927248	28.41%	1.353%
57	15.445	2079	2084	2089	rVB5	4372	6186	0.19%	0.009%
58	15.627	2109	2115	2122	rBV	861246	1046878	32.08%	1.527%
59	15.816	2141	2147	2151	rBV	1107251	1565436	47.97%	2.284%
60	15.868	2151	2156	2161	rVV2	965628	1649376	50.54%	2.407%
61	15.927	2161	2166	2177	rVV	393630	571140	17.50%	0.833%
62	16.057	2181	2188	2192	rVV	13802	19292	0.59%	0.028%
63	16.451	2251	2255	2258	rBV4	5332	7304	0.22%	0.011%
64	16.510	2259	2265	2266	rVV3	3884	6807	0.21%	0.010%
65	16.527	2266	2268	2271	rVV3	5086	6429	0.20%	0.009%
66	16.592	2275	2279	2282	rVB5	4494	6106	0.19%	0.009%
67	16.745	2299	2305	2315	rBV	586375	755185	23.14%	1.102%
68	16.868	2319	2326	2332	rBV	420754	591842	18.14%	0.864%
69	17.204	2372	2383	2392	rBV	701282	986311	30.22%	1.439%
70	17.286	2395	2397	2400	rVV4	5690	7240	0.22%	0.011%
71	17.345	2403	2407	2412	rVB4	7127	11743	0.36%	0.017%

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72	17.557	2435	2443	2449	rBV	676749	947508	29.03%	1.382%
73	17.657	2453	2460	2462	rVV	1315478	1938986	59.42%	2.829%
74	17.686	2462	2465	2475	rVB	1679041	2346003	71.89%	3.423%
75	17.821	2485	2488	2492	rVB3	4955	6217	0.19%	0.009%
76	17.951	2504	2510	2519	rVV	1517355	2101872	64.41%	3.067%
77	18.021	2519	2522	2526	rVB6	5836	6851	0.21%	0.010%
78	18.157	2542	2545	2548	rVB5	4861	5528	0.17%	0.008%
79	18.410	2583	2588	2596	rBV	136099	194046	5.95%	0.283%
80	18.492	2596	2602	2610	rVB	1368549	1696102	51.97%	2.475%
81	18.704	2635	2638	2640	rBV4	4968	5798	0.18%	0.008%
82	18.951	2676	2680	2686	rVB2	28301	36284	1.11%	0.053%
83	19.551	2779	2782	2789	rVB2	18408	25429	0.78%	0.037%
84	19.662	2798	2801	2807	rBV2	30880	40561	1.24%	0.059%
85	19.804	2822	2825	2830	rVB2	17562	23678	0.73%	0.035%
86	19.915	2838	2844	2850	rBV	1753640	2422486	74.23%	3.535%
87	20.392	2921	2925	2927	rBV4	26653	37773	1.16%	0.055%
88	20.803	2990	2995	3000	rVB	1755084	1944160	59.57%	2.837%
89	21.356	3085	3089	3101	rBV	758459	1133806	34.74%	1.654%
90	21.562	3119	3124	3130	rBV	1282394	1490897	45.69%	2.175%
91	21.656	3135	3140	3149	rVV2	1903697	3263409	100.00%	4.762%
92	22.474	3274	3279	3285	rBV	2360618	2985864	91.50%	4.357%
93	22.739	3321	3324	3329	rVB	133163	163899	5.02%	0.239%
94	23.274	3412	3415	3418	rBV	145516	196359	6.02%	0.287%
95	23.321	3418	3423	3427	rVV	655648	1150697	35.26%	1.679%
96	23.368	3427	3431	3440	rVB	1822020	3061895	93.83%	4.468%
97	23.892	3513	3520	3531	rVB	1488928	2903631	88.98%	4.237%
98	24.039	3540	3545	3554	rVB2	555076	1077554	33.02%	1.572%
99	24.574	3632	3636	3646	rVB	253894	508599	15.58%	0.742%
100	27.227	4079	4087	4100	rVB	610587	1862566	57.07%	2.718%

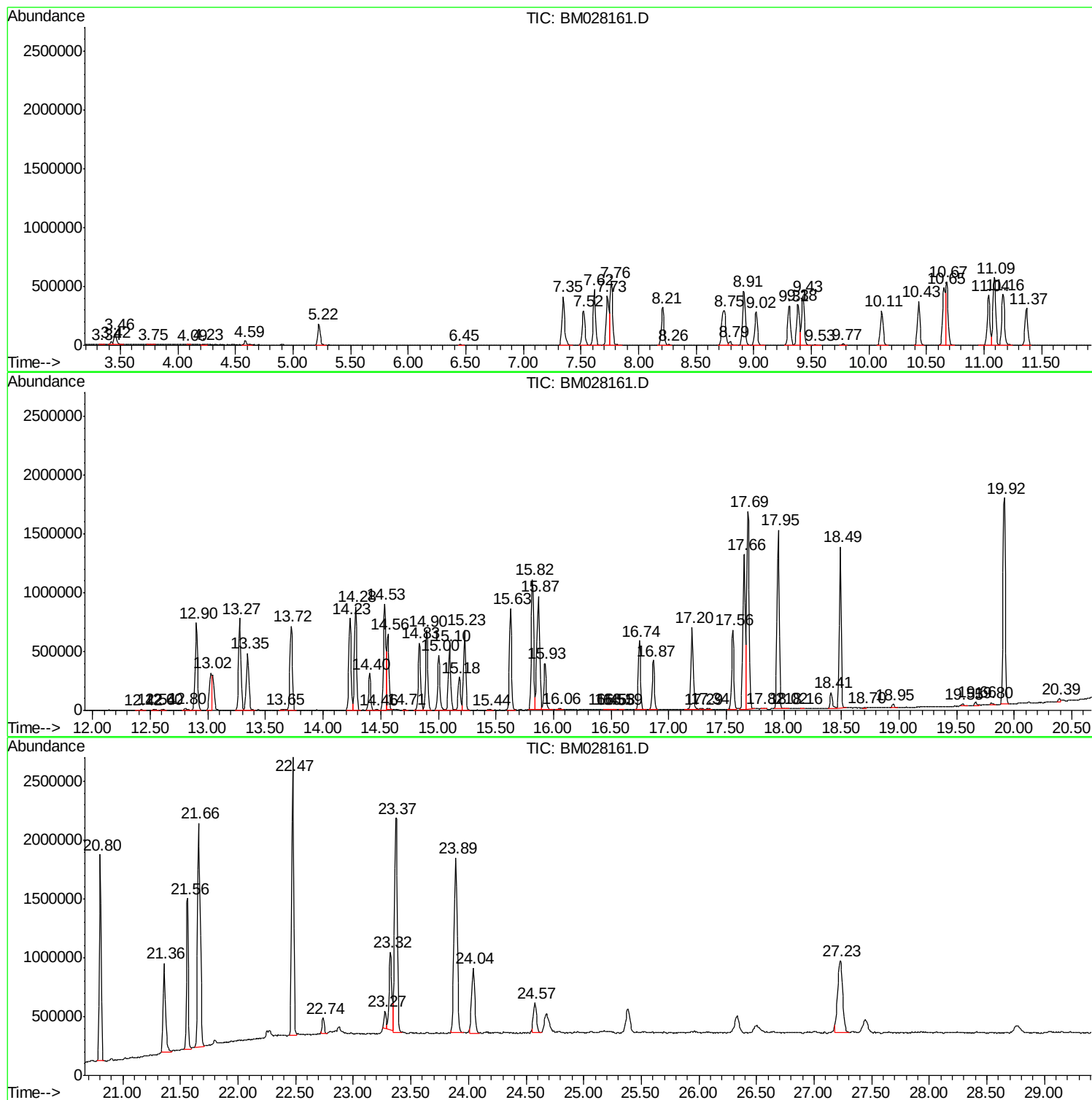
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

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



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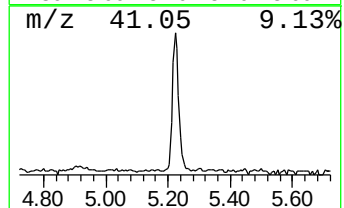
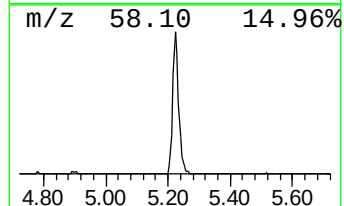
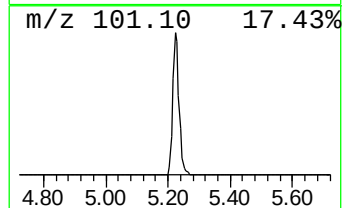
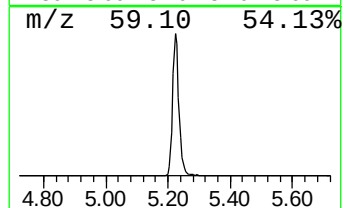
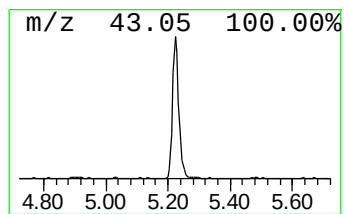
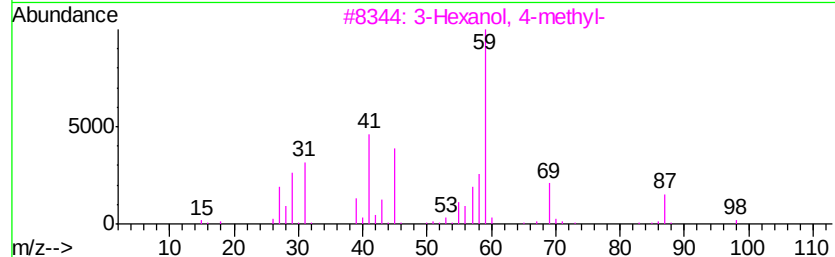
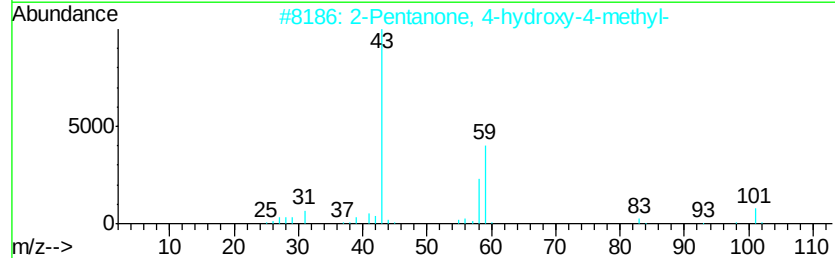
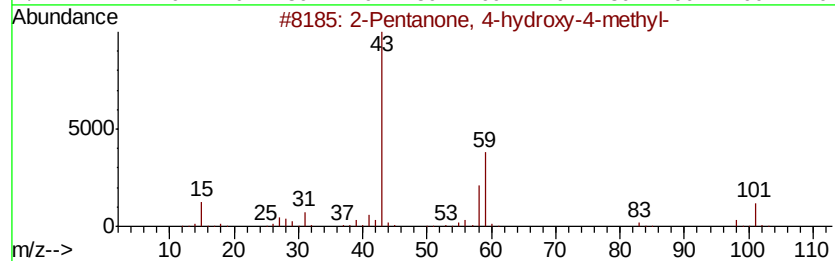
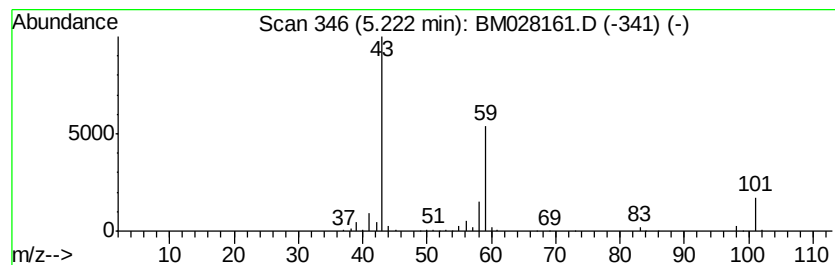
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	10.04 ng/ul	259521	1,4-Dichlorobenzene-d4	8.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38		
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33		
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28		
5	Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	23		



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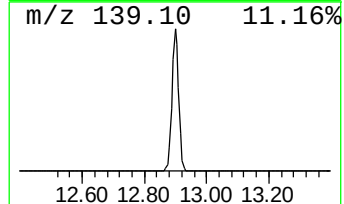
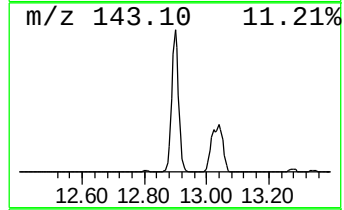
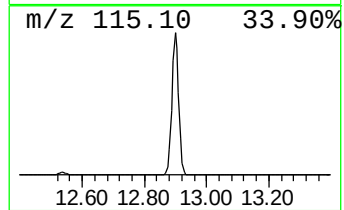
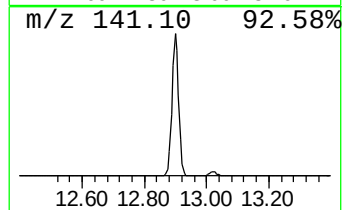
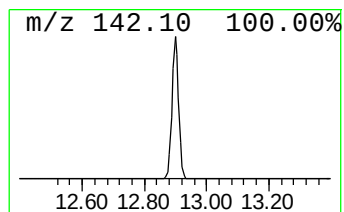
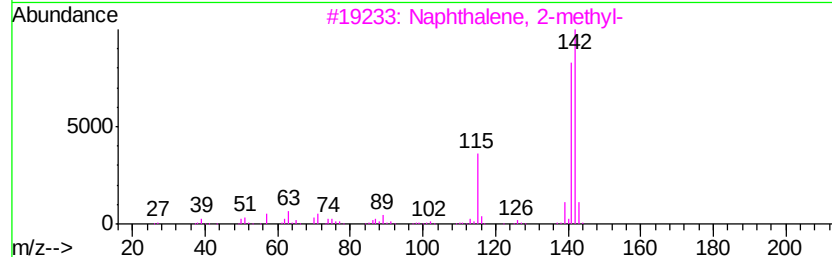
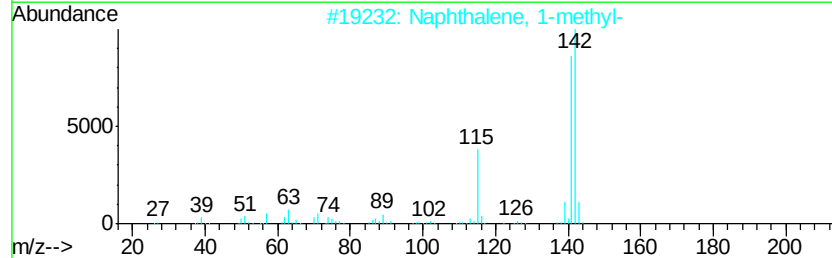
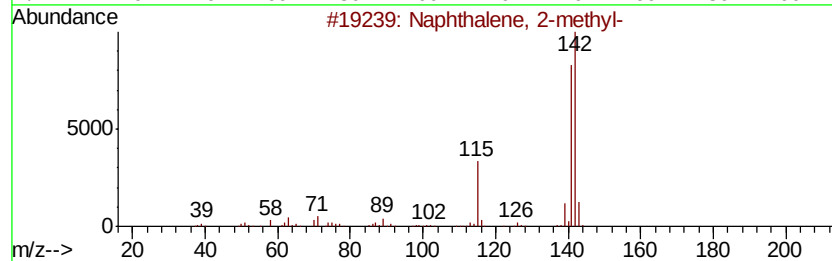
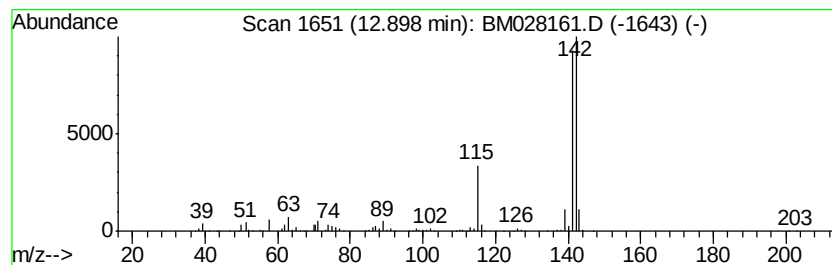
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	31.30 ng/ul	1117350	Naphthalene-d8	11.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



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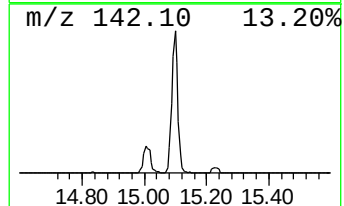
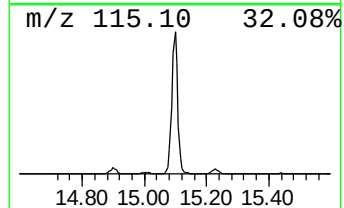
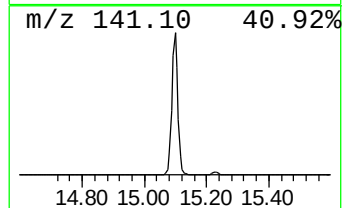
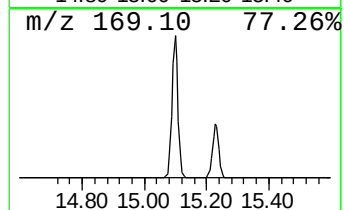
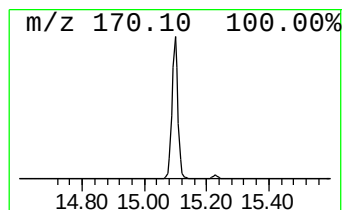
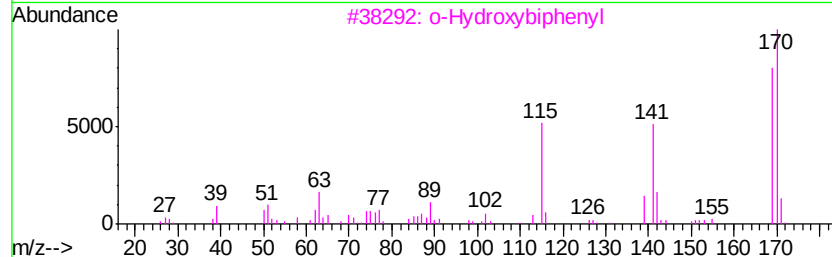
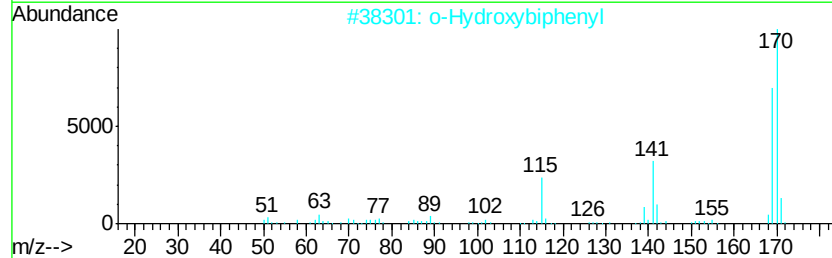
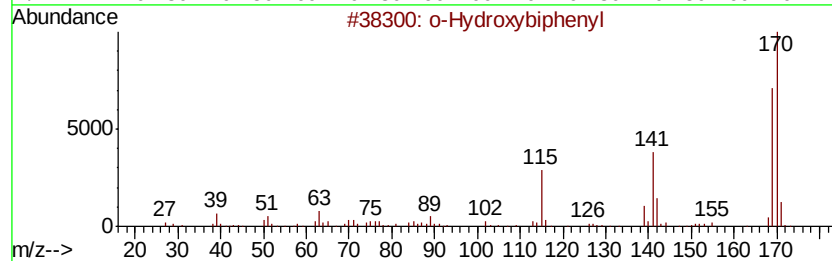
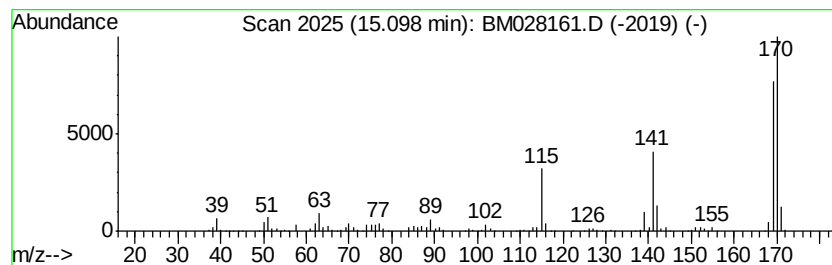
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Peak Number 3 o-Hydroxybiphenyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	17.60 ng/ul	742263	Acenaphthene-d10	14.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		o-Hydroxybiphenyl	170	C12H10O	000090-43-7	97
2		o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
3		o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
4		o-Hydroxybiphenyl	170	C12H10O	000090-43-7	94
5		p-Hydroxybiphenyl	170	C12H10O	000092-69-3	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121820\
Data File : BM028161.D
Acq On : 18 Dec 2020 16:13
Operator : JU/CG
Sample : L5068-23
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A54K4

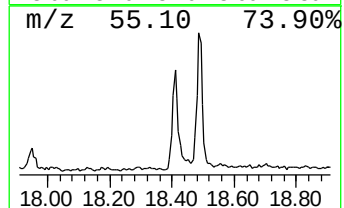
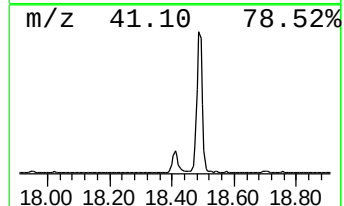
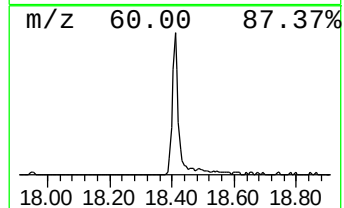
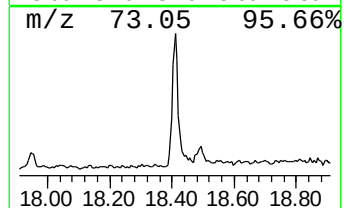
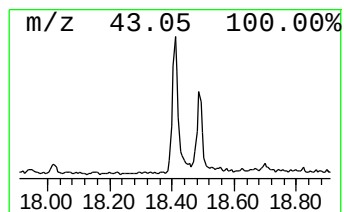
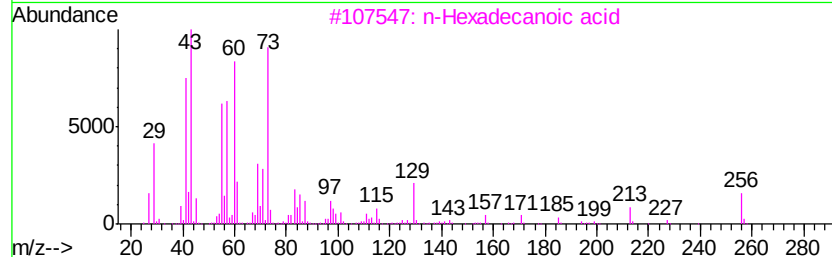
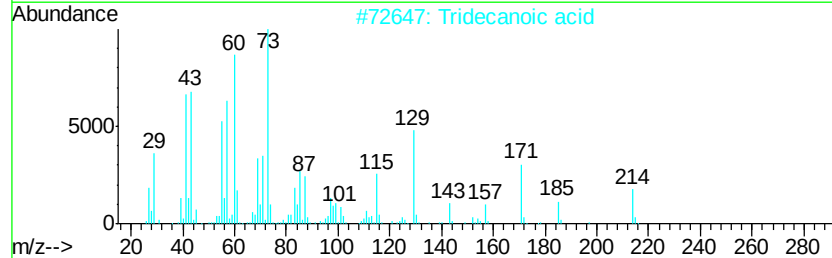
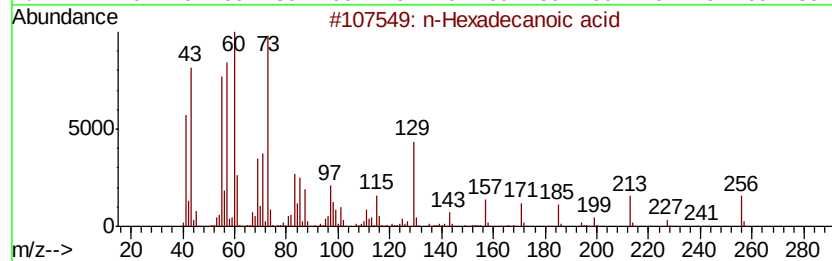
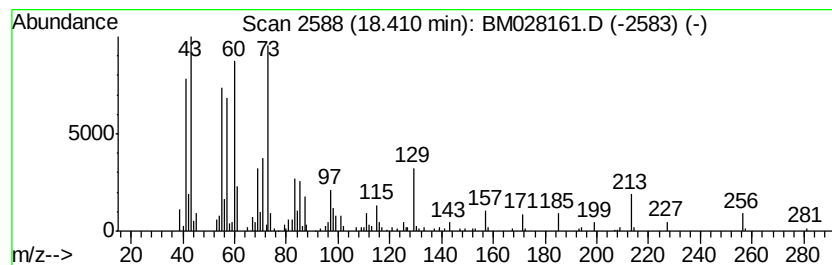
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	4.10 ng/ul	194046	Phenanthrene-d10	17.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121820\
Data File : BM028161.D
Acq On : 18 Dec 2020 16:13
Operator : JU/CG
Sample : L5068-23
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A54K4

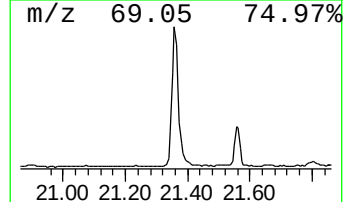
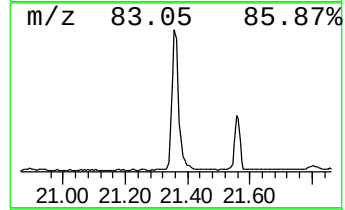
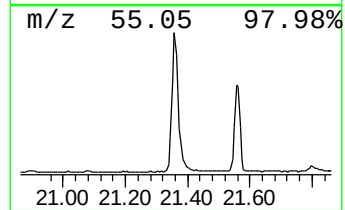
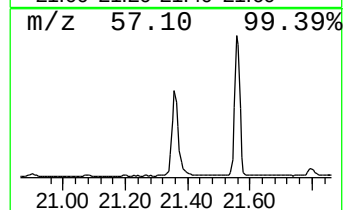
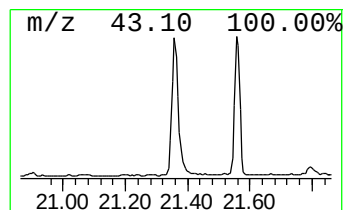
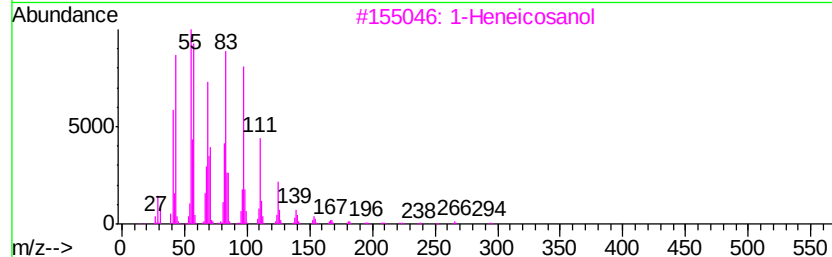
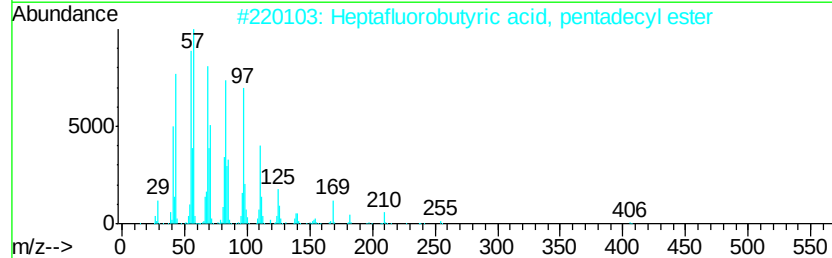
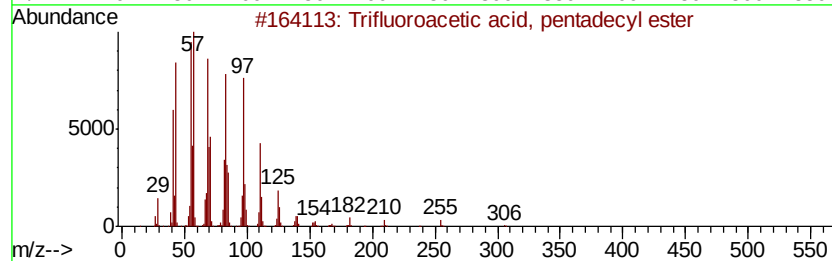
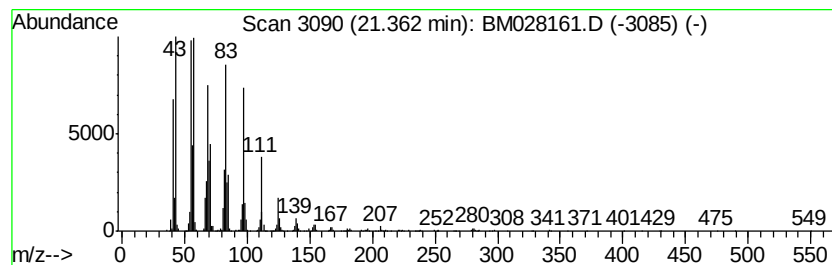
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Trifluoroacetic acid, penta... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	6.95 ng/ul	1133810	Chrysene-d12	21.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
2		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3		1-Heneicosanol	312	C21H44O	015594-90-8	94
4		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5		1-Docosene	308	C22H44	001599-67-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121820\
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Operator : JU/CG
Sample : L5068-23
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A54K4

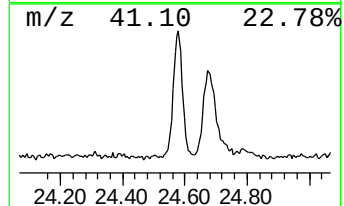
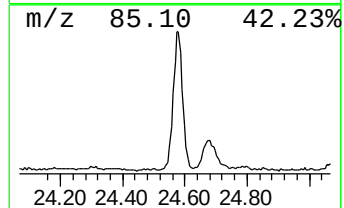
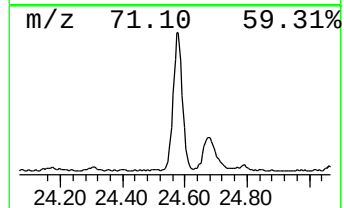
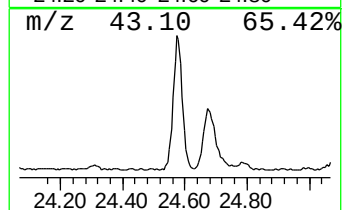
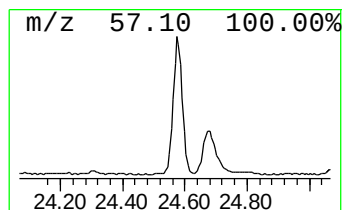
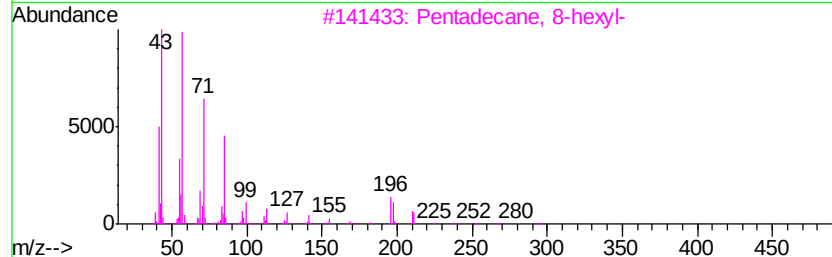
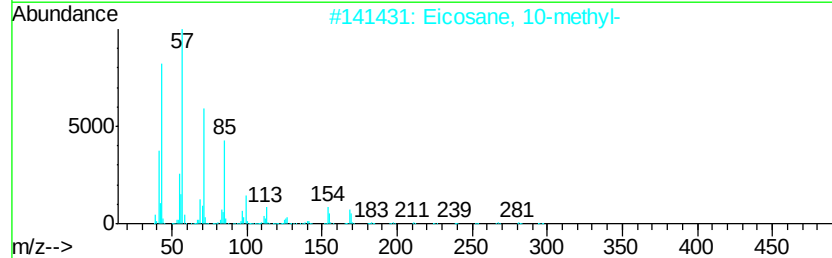
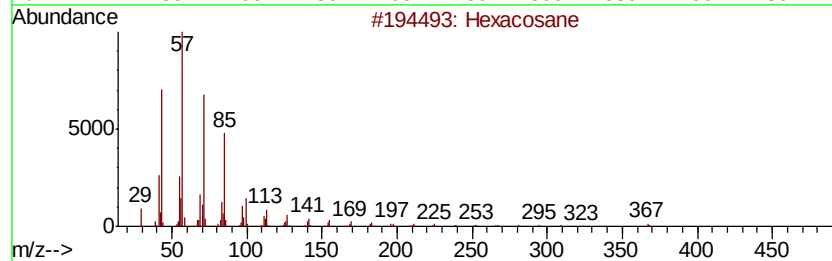
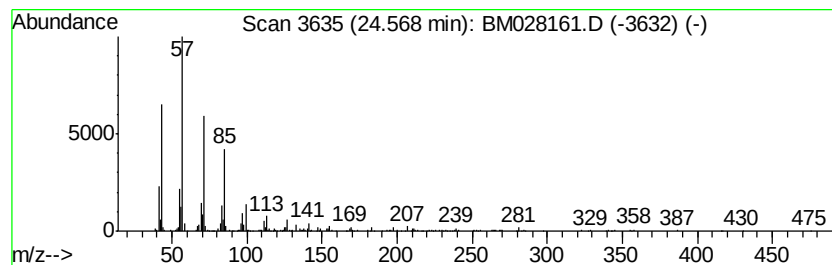
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.57	9.44 ng/ul	508599	Perylene-d12	24.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
5		Hentriacontane	437	C31H64	000630-04-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121820\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A54K4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.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
2-Pentanone, 4-hy...	5.22	10.0	ng/ul	259521	1	8.21	516970	20.0
Naphthalene, 1-me...	12.90	31.3	ng/ul	1117350	2	11.04	714007	20.0
o-Hydroxybiphenyl	15.10	17.6	ng/ul	742263	3	14.83	843296	20.0
n-Hexadecanoic acid	18.41	4.1	ng/ul	194046	4	17.56	947508	20.0
Trifluoroacetic a...	21.36	7.0	ng/ul	1133810	5	21.67	3263410	20.0
(DEL) Alkane: Str...	24.57	9.4	ng/ul	508599	6	24.04	1077550	20.0