

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
 Data File : BM023161.D
 Acq On : 15 Oct 2019 12:00
 Operator : JU
 Sample : K5177-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP99

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-BM101419MA.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	3.204	33	37	49	rVB	50483	87089	1.26%	0.111%
2	3.616	104	107	115	rVB6	8307	13052	0.19%	0.017%
3	3.710	120	123	131	rVB2	40439	55425	0.80%	0.070%
4	3.846	142	146	151	rVB2	26782	35956	0.52%	0.046%
5	3.928	157	160	165	rVB	12975	17980	0.26%	0.023%
6	4.834	309	314	323	rVB2	85821	131326	1.90%	0.167%
7	6.369	570	575	581	rVB7	7398	13618	0.20%	0.017%
8	6.851	650	657	670	rBV2	724345	1336853	19.34%	1.696%
9	7.028	681	687	696	rBV	609929	966040	13.98%	1.226%
10	7.222	713	720	728	rBV	780142	1229002	17.78%	1.560%
11	7.345	737	741	746	rVB8	7126	11254	0.16%	0.014%
12	7.692	787	800	808	rBV	1069248	1752089	25.35%	2.223%
13	7.769	808	813	816	rVB6	10632	17121	0.25%	0.022%
14	8.386	910	918	928	rBV	579236	949232	13.73%	1.205%
15	8.504	932	938	945	rVB	35261	60242	0.87%	0.076%
16	8.834	987	994	1004	rBV	762921	1248317	18.06%	1.584%
17	9.328	1075	1078	1087	rVB2	16685	27097	0.39%	0.034%
18	9.551	1110	1116	1123	rVV	493618	831876	12.03%	1.056%
19	9.604	1123	1125	1130	rVB4	8229	13115	0.19%	0.017%
20	9.916	1174	1178	1182	rBV6	7161	12020	0.17%	0.015%
21	10.086	1201	1207	1220	rVB	964385	1633621	23.63%	2.073%
22	10.257	1233	1236	1243	rVB8	6095	10619	0.15%	0.013%
23	10.469	1264	1272	1286	rBV	1545863	2640298	38.20%	3.350%
24	10.598	1287	1294	1305	rBV	695902	1201970	17.39%	1.525%
25	10.998	1356	1362	1366	rBV7	12864	22562	0.33%	0.029%
26	12.063	1538	1543	1549	rVB2	21146	34950	0.51%	0.044%
27	12.704	1648	1652	1656	rBV7	9702	15415	0.22%	0.020%
28	13.192	1732	1735	1739	rBV5	10038	15410	0.22%	0.020%
29	13.245	1739	1744	1748	rVV7	10743	25793	0.37%	0.033%
30	13.286	1748	1751	1758	rVB8	14539	23838	0.34%	0.030%
31	13.521	1785	1791	1796	rBV6	9601	18115	0.26%	0.023%
32	13.745	1823	1829	1833	rVV	2134998	2927245	42.35%	3.715%
33	13.792	1833	1837	1846	rVB	864574	1181516	17.09%	1.499%
34	14.021	1869	1876	1883	rBV	2354288	3569618	51.64%	4.530%

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35	14.274	1914	1919	1922	rBV6	11172	17756	0.26%	0.023%
36	14.333	1922	1929	1937	rVV2	2407789	3708094	53.65%	4.705%
37	14.510	1953	1959	1972	rBV	682329	1071605	15.50%	1.360%
38	14.668	1982	1986	1991	rVB3	32875	53702	0.78%	0.068%
39	14.751	1995	2000	2006	rVB6	56036	86374	1.25%	0.110%
40	15.163	2067	2070	2074	rBV4	16672	23193	0.34%	0.029%
41	15.227	2074	2081	2084	rBV5	16555	24280	0.35%	0.031%
42	15.327	2091	2098	2105	rBV	3041211	4432020	64.12%	5.624%
43	15.392	2105	2109	2111	rVV5	22736	29417	0.43%	0.037%
44	15.433	2111	2116	2123	rVV	466598	631843	9.14%	0.802%
45	15.568	2135	2139	2144	rBV2	71567	106083	1.53%	0.135%
46	15.715	2158	2164	2169	rVB	427152	535735	7.75%	0.680%
47	16.015	2211	2215	2220	rBV8	8879	17708	0.26%	0.022%
48	16.104	2224	2230	2236	rVV6	30679	64722	0.94%	0.082%
49	16.239	2251	2253	2260	rVB8	9129	17235	0.25%	0.022%
50	16.492	2293	2296	2301	rBV5	11913	22392	0.32%	0.028%
51	16.533	2301	2303	2310	rVB8	7997	13028	0.19%	0.017%
52	16.633	2316	2320	2328	rVB2	26512	36891	0.53%	0.047%
53	16.857	2353	2358	2359	rBV5	9982	12039	0.17%	0.015%
54	16.998	2380	2382	2388	rBV5	9375	13212	0.19%	0.017%
55	17.074	2388	2395	2400	rVV2	3212416	4574164	66.18%	5.804%
56	17.115	2400	2402	2405	rVV	67480	76337	1.10%	0.097%
57	17.168	2405	2411	2423	rVB	3309830	4768609	68.99%	6.051%
58	17.274	2425	2429	2433	rVB6	12877	16467	0.24%	0.021%
59	17.468	2459	2462	2469	rVB5	12848	24092	0.35%	0.031%
60	17.874	2526	2531	2534	rBV6	21506	41614	0.60%	0.053%
61	17.939	2536	2542	2547	rBV6	38416	73005	1.06%	0.093%
62	17.998	2547	2552	2561	rBV	453276	712265	10.30%	0.904%
63	18.133	2573	2575	2580	rVB5	19242	26543	0.38%	0.034%
64	18.309	2601	2605	2610	rVB7	21836	38274	0.55%	0.049%
65	18.445	2626	2628	2632	rVB4	23996	25497	0.37%	0.032%
66	18.486	2632	2635	2638	rBV4	11653	12810	0.19%	0.016%
67	18.862	2695	2699	2706	rBV3	118412	184120	2.66%	0.234%
68	18.992	2718	2721	2726	rBV3	75263	105740	1.53%	0.134%
69	19.098	2734	2739	2741	rBV2	51697	77667	1.12%	0.099%
70	19.133	2741	2745	2753	rVB	173980	251882	3.64%	0.320%
71	19.286	2767	2771	2776	rBV	137655	212586	3.08%	0.270%

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72	19.350	2779	2782	2784	rVV	45004	61834	0.89%	0.078%
73	19.374	2784	2786	2791	rVB	75240	87552	1.27%	0.111%
74	19.468	2795	2802	2810	rBV	4482865	6501618	94.06%	8.250%
75	19.562	2815	2818	2824	rVB8	28576	48235	0.70%	0.061%
76	20.021	2894	2896	2899	rVB3	29623	28124	0.41%	0.036%
77	20.062	2900	2903	2906	rBV2	50533	58630	0.85%	0.074%
78	20.150	2914	2918	2921	rBV4	37283	50450	0.73%	0.064%
79	20.292	2939	2942	2946	rVB4	32021	42782	0.62%	0.054%
80	20.345	2947	2951	2954	rBV5	46323	74080	1.07%	0.094%
81	20.492	2973	2976	2977	rBV2	21223	19494	0.28%	0.025%
82	20.562	2984	2988	2991	rBV	73235	82685	1.20%	0.105%
83	20.668	3002	3006	3009	rBV5	41487	56492	0.82%	0.072%
84	20.733	3014	3017	3026	rVB5	41385	79174	1.15%	0.100%
85	20.945	3051	3053	3057	rBV3	27530	36433	0.53%	0.046%
86	21.009	3059	3064	3076	rVV	1259873	1854850	26.83%	2.354%
87	21.256	3100	3106	3111	rBV	4510799	5954576	86.15%	7.556%
88	21.456	3137	3140	3149	rBV	220713	340607	4.93%	0.432%
89	21.644	3169	3172	3177	rVB3	112321	138210	2.00%	0.175%
90	21.897	3211	3215	3223	rBV2	395069	597405	8.64%	0.758%
91	22.362	3290	3294	3305	rVB	304326	471220	6.82%	0.598%
92	22.491	3312	3316	3325	rVB	225215	315493	4.56%	0.400%
93	22.874	3377	3381	3385	rBV2	375408	546304	7.90%	0.693%
94	23.338	3453	3460	3472	rVB	3652593	6912187	100.00%	8.771%
95	23.474	3474	3483	3500	rVB	3111447	6707774	97.04%	8.512%
96	24.109	3585	3591	3596	rBV	379660	754502	10.92%	0.957%
97	24.174	3599	3602	3616	rVB3	200372	472098	6.83%	0.599%
98	24.797	3703	3708	3714	rBV7	159163	343066	4.96%	0.435%
99	24.862	3715	3719	3729	rVB2	182875	405046	5.86%	0.514%
100	28.838	4387	4395	4411	rVB4	408607	1495523	21.64%	1.898%

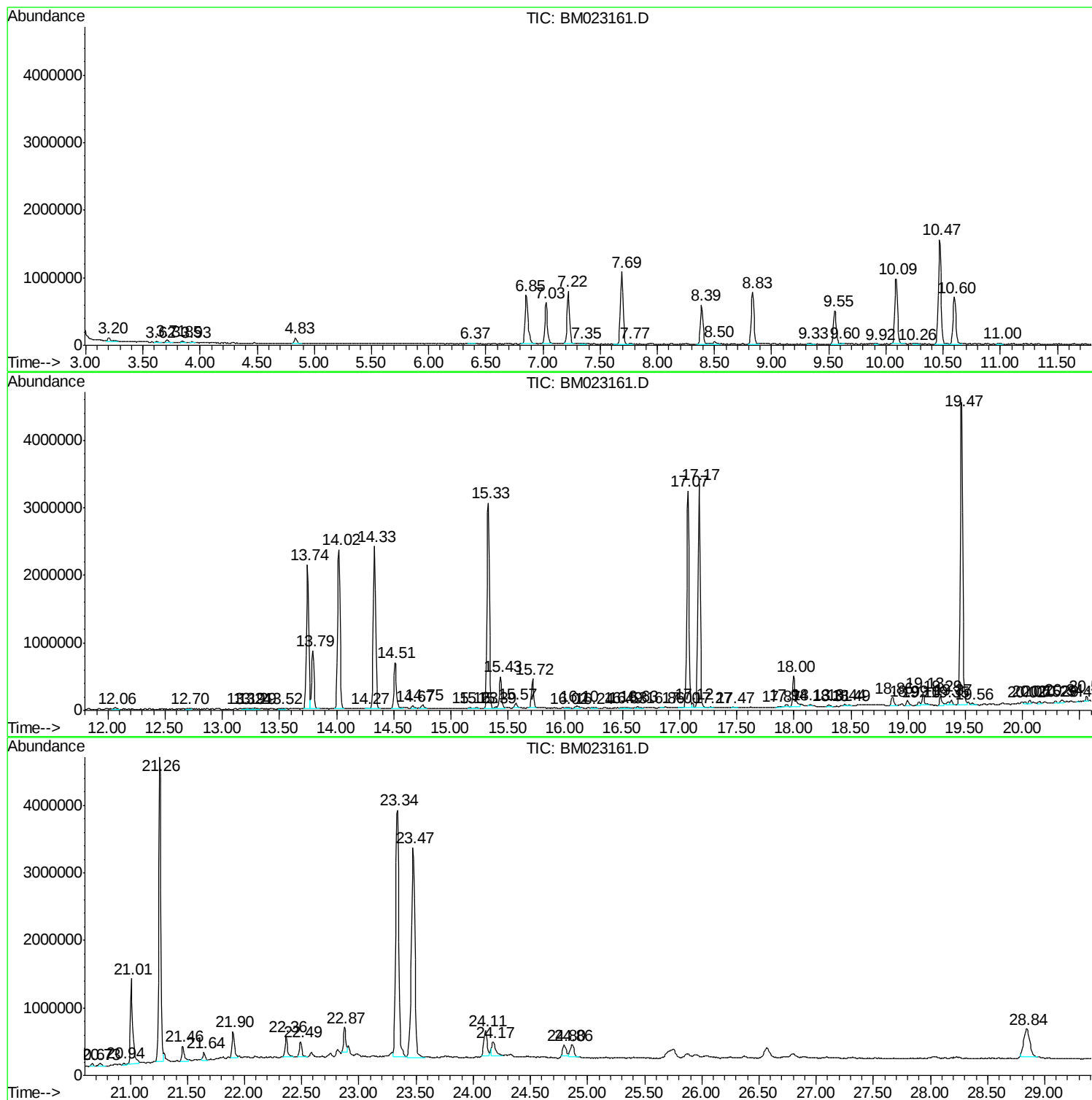
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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



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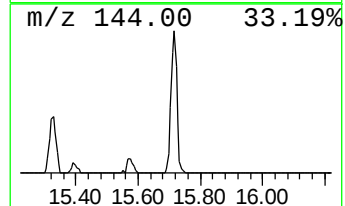
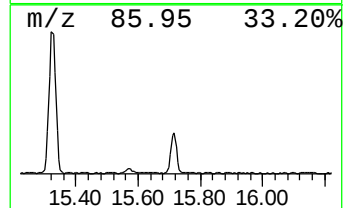
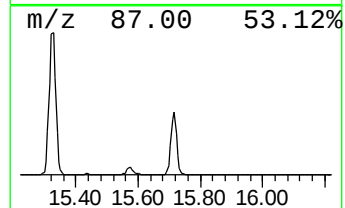
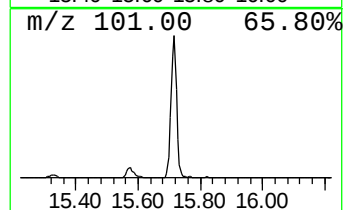
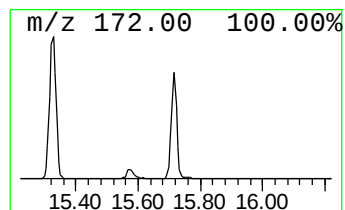
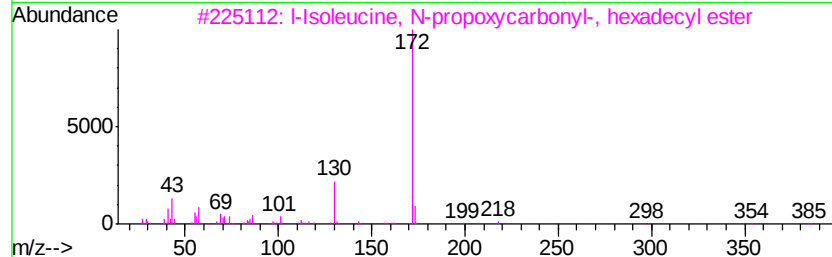
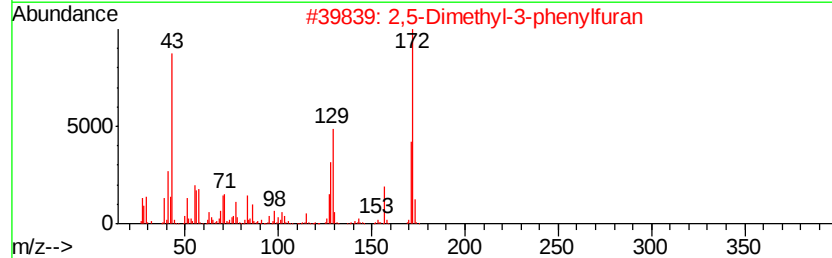
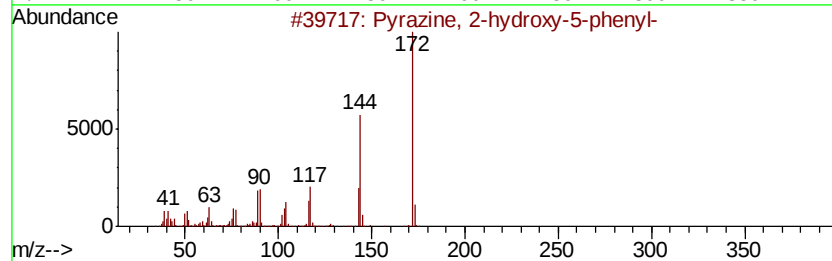
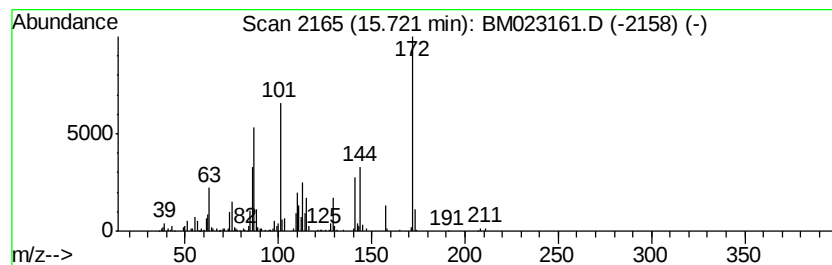
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.72	2.34 ng/ul	535735	Phenanthrene-d10	17.07		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrazine, 2-hydroxy-5-phenyl-	172	C10H8N2O	025844-72-8	30
2		2,5-Dimethyl-3-phenylfuran	172	C12H12O	019842-57-0	22
3		l-Isoleucine, N-propoxycarbonyl-...	441	C26H51N04	1000313-57-7	22
4		peri-Naphtho-1,3-dioxin	172	C11H8O2	000204-11-5	22
5		l-Isoleucine, N-propoxycarbonyl-...	469	C28H55N04	1000313-57-9	22



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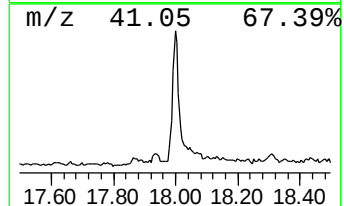
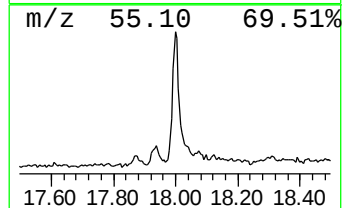
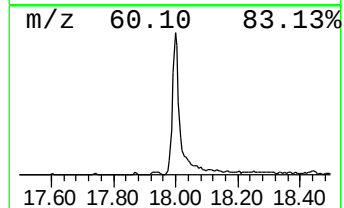
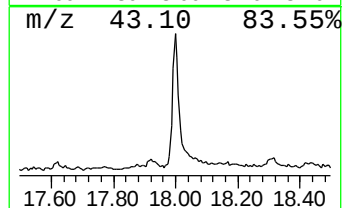
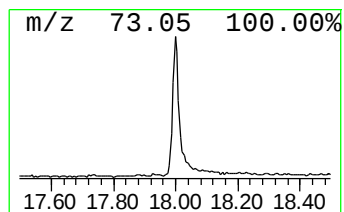
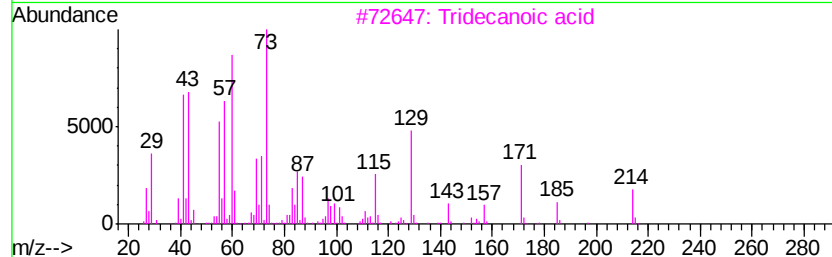
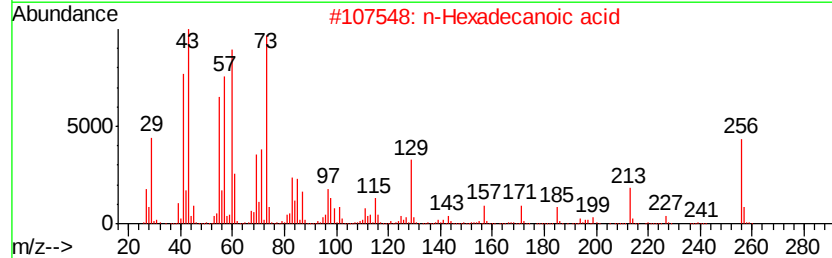
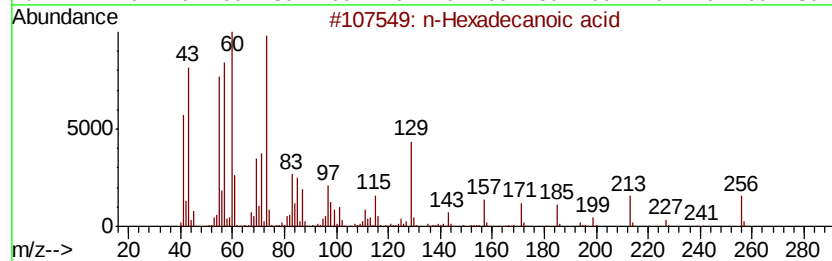
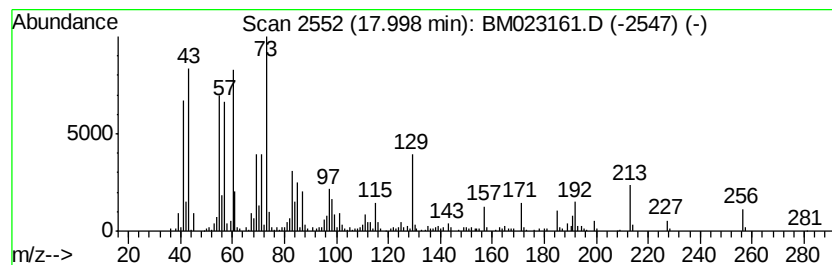
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	3.11 ng/ul	712265	Phenanthrene-d10	17.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5		Tridecanoic acid	214	C13H26O2	000638-53-9	81



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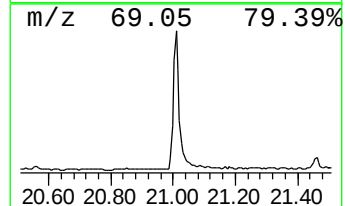
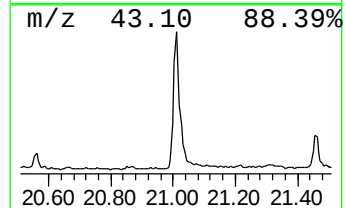
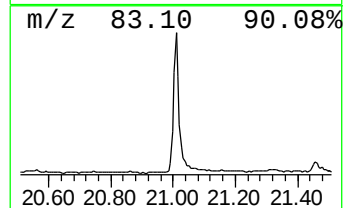
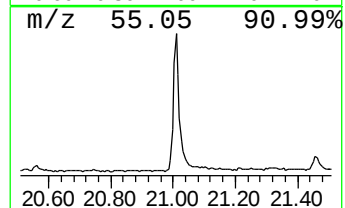
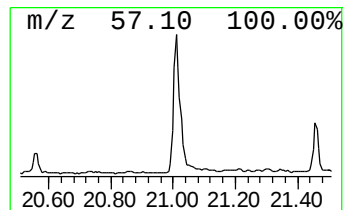
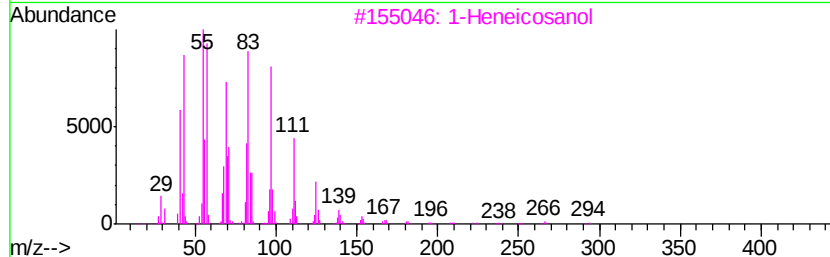
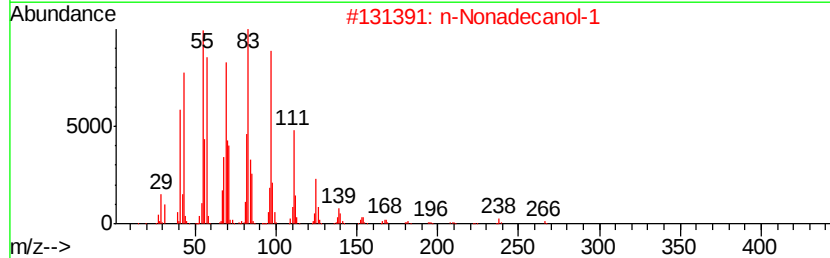
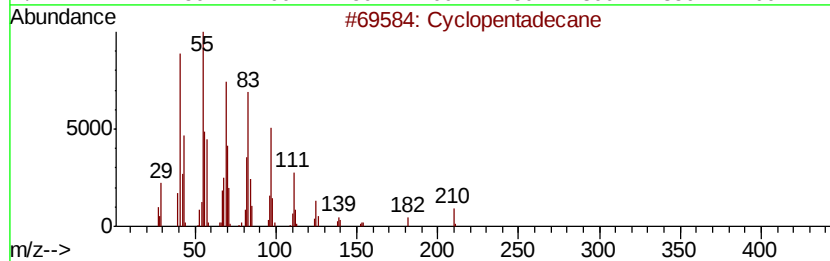
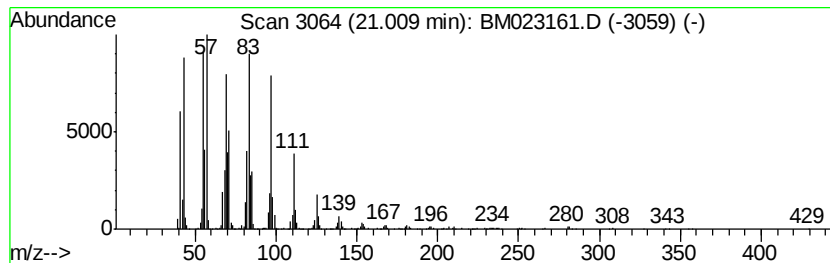
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic21.01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	6.23 ng/ul	1854850	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	94
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3		1-Heneicosanol	312	C21H44O	015594-90-8	94
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5		1-Heptacosanol	396	C27H56O	002004-39-9	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
Data File : BM023161.D
Acq On : 15 Oct 2019 12:00
Operator : JU
Sample : K5177-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP99

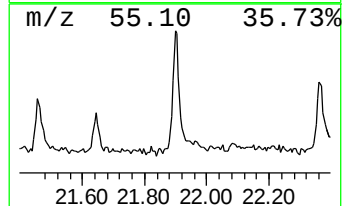
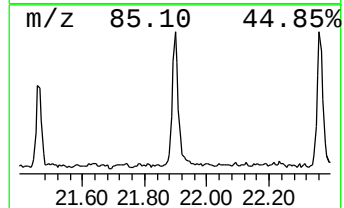
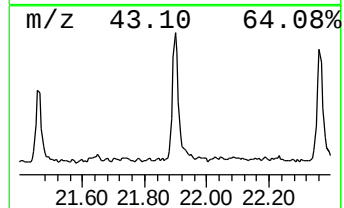
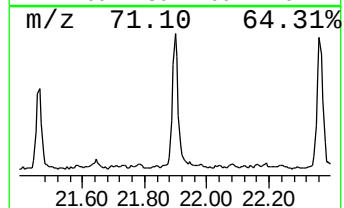
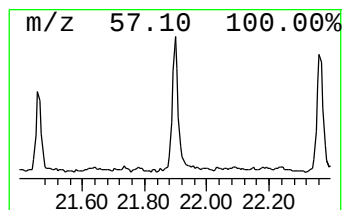
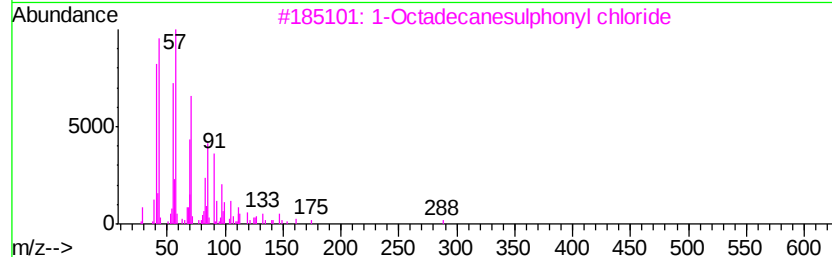
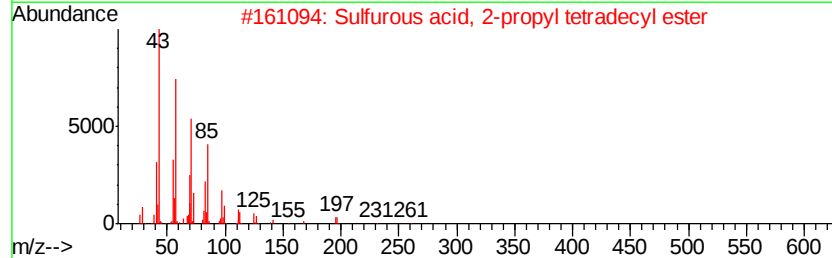
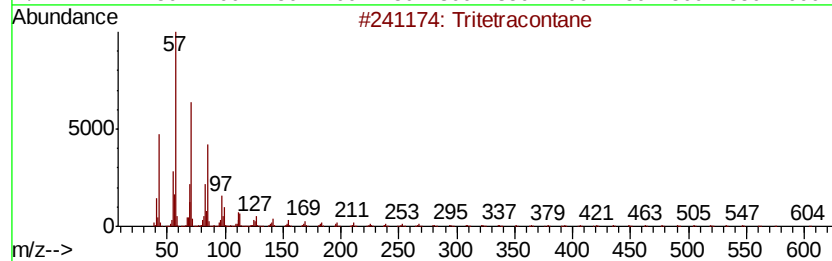
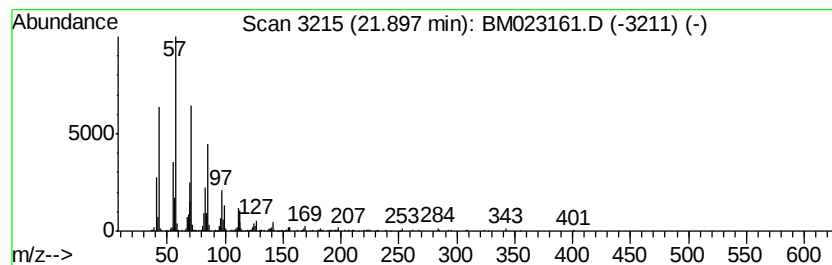
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.90	2.01 ng/ul	597405	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	91
2		Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	91
3		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
4		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	91
5		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
Data File : BM023161.D
Acq On : 15 Oct 2019 12:00
Operator : JU
Sample : K5177-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP99

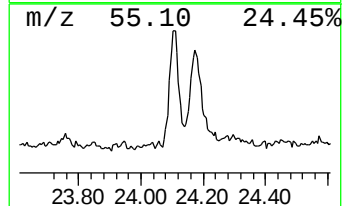
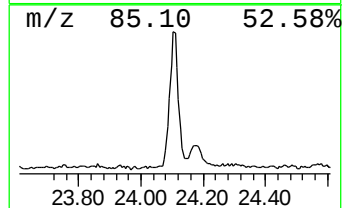
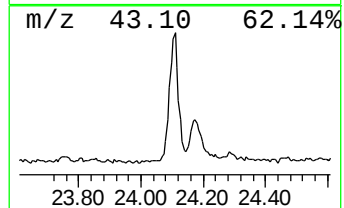
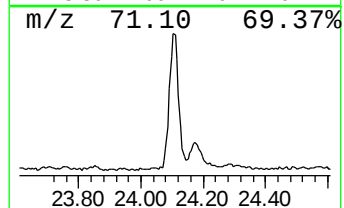
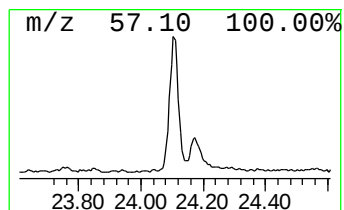
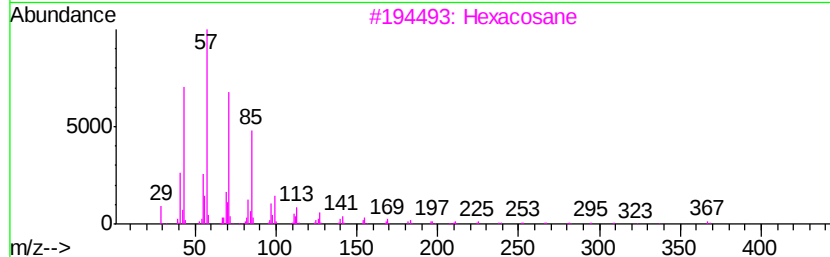
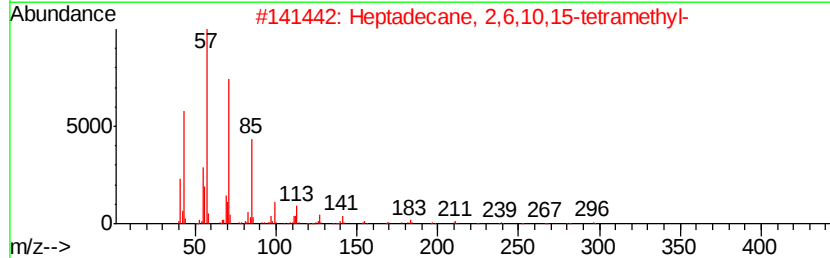
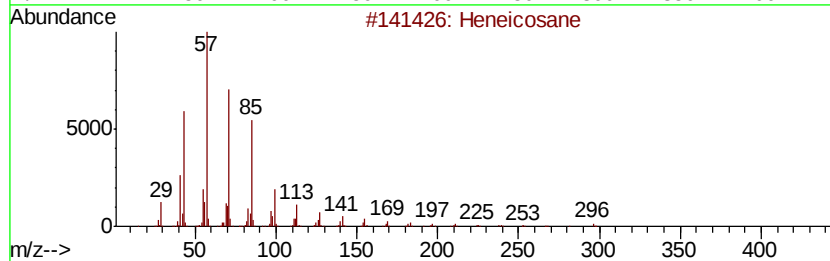
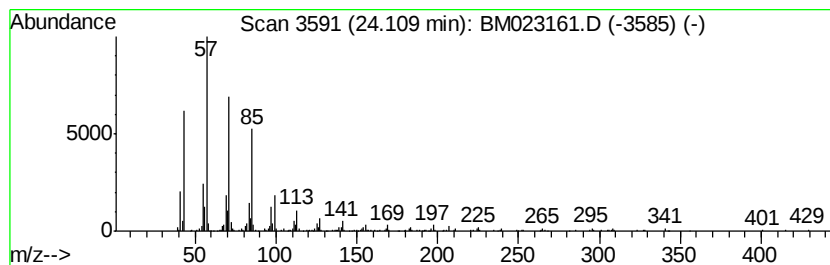
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.11	2.25 ng/ul	754502	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3		Hexacosane	366	C26H54	000630-01-3	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
Data File : BM023161.D
Acq On : 15 Oct 2019 12:00
Operator : JU
Sample : K5177-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP99

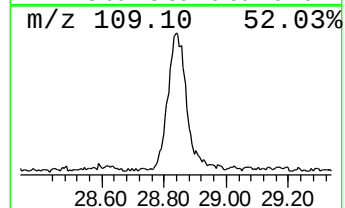
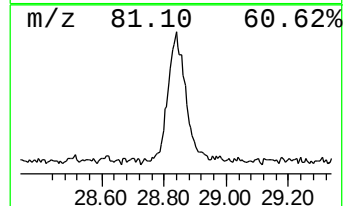
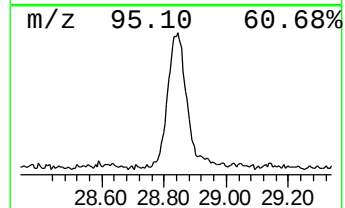
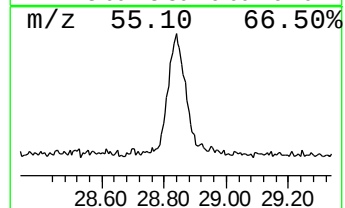
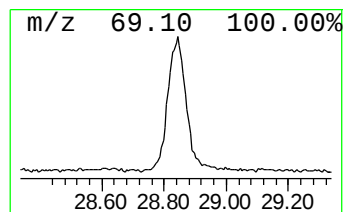
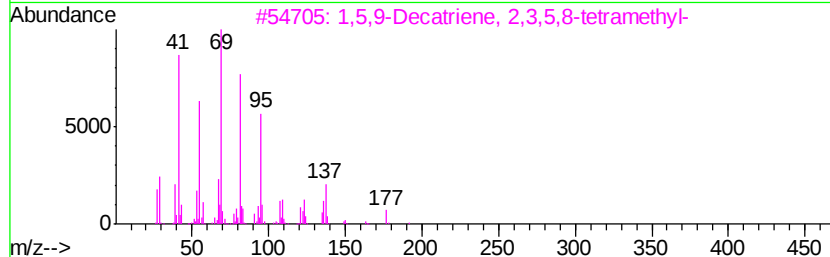
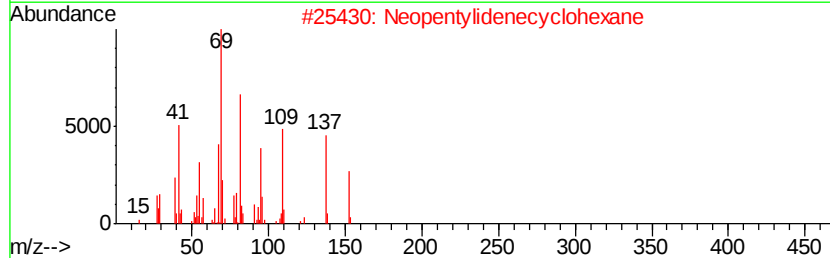
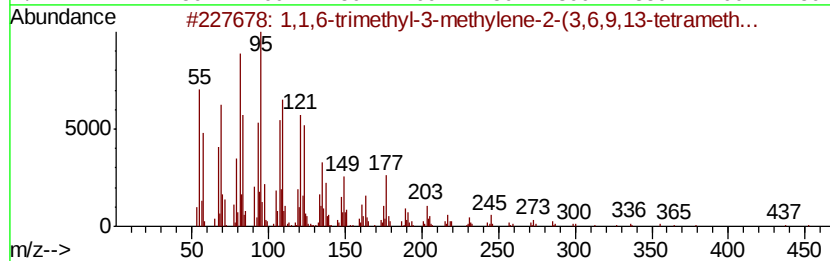
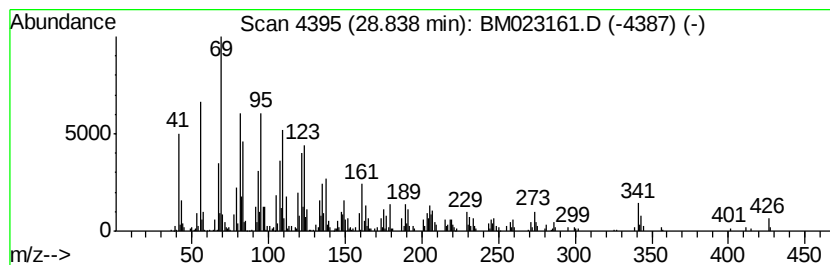
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,1,6-trimethyl-3-methylene... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.84	4.46 ng/ul	1495520	Perylene-d12	23.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1,6-trimethyl-3-methylene-2-(3...	452	C33H56	1000373-94-5	70
2			Neopentylidenecyclohexane	152	C11H20	039546-80-0	55
3			1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	43
4			1-Formyl-2,2-dimethyl-3-trans-(3...	220	C15H24O	1000144-09-7	43
5			Furan, 3-(4,8-dimethyl-3,7-nonad...	218	C15H22O	023262-34-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101519\
Data File : BM023161.D
Acq On : 15 Oct 2019 12:00
Operator : JU
Sample : K5177-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP99

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.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
unknown-01	15.72	2.3	ng/ul	535735	4	17.07	4574160	20.0
n-Hexadecanoic acid	18.00	3.1	ng/ul	712265	4	17.07	4574160	20.0
(DEL) Alkane: Cyc...	21.01	6.2	ng/ul	1854850	5	21.26	5954580	20.0
(DEL) Alkane: Str...	21.90	2.0	ng/ul	597405	5	21.26	5954580	20.0
(DEL) Alkane: Str...	24.11	2.3	ng/ul	754502	6	23.47	6707770	20.0
1,1,6-trimethyl-3...	28.84	4.5	ng/ul	1495520	6	23.47	6707770	20.0