

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
 Data File : BN003872.D
 Acq On : 13 Dec 2018 03:34
 Operator : JU/SJ
 Sample : J6229-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E92

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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-BN121218MA.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	3.017	3	5	27	rVB	374597	563931	73.99%	6.952%
2	4.928	325	330	340	rVB	4500	9249	1.21%	0.114%
3	6.499	592	597	603	rVB	51342	74564	9.78%	0.919%
4	6.987	674	680	689	rBB2	57086	104438	13.70%	1.287%
5	7.163	705	710	719	rBB	47262	71497	9.38%	0.881%
6	7.358	738	743	751	rBB	56687	86666	11.37%	1.068%
7	7.828	818	823	830	rBB	69337	108805	14.27%	1.341%
8	8.522	936	941	949	rBB	58778	89474	11.74%	1.103%
9	8.999	1016	1022	1029	rBB	55112	91088	11.95%	1.123%
10	9.710	1138	1143	1149	rBB	45590	71218	9.34%	0.878%
11	10.240	1227	1233	1242	rBB	75497	119075	15.62%	1.468%
12	10.628	1292	1299	1307	rBB	117714	195909	25.70%	2.415%
13	10.769	1317	1323	1336	rBB	39614	67617	8.87%	0.834%
14	12.140	1552	1556	1561	rBB	11883	16560	2.17%	0.204%
15	13.363	1760	1764	1769	rBB	35965	45603	5.98%	0.562%
16	13.440	1773	1777	1781	rBB	18994	23683	3.11%	0.292%
17	13.751	1827	1830	1834	rBV	8174	9476	1.24%	0.117%
18	13.869	1844	1850	1854	rBV	179457	236105	30.98%	2.911%
19	13.910	1854	1857	1864	rVB2	50887	70710	9.28%	0.872%
20	14.163	1894	1900	1907	rBV	182251	271613	35.63%	3.348%
21	14.469	1945	1952	1958	rVB2	202902	307045	40.28%	3.785%
22	14.663	1980	1985	1998	rBV	64151	97245	12.76%	1.199%
23	15.457	2114	2120	2129	rBV	275316	378216	49.62%	4.662%
24	15.575	2135	2140	2147	rBV	73309	93231	12.23%	1.149%
25	17.210	2412	2418	2423	rBV	301722	415952	54.57%	5.128%
26	17.310	2429	2435	2445	rBV2	279368	412478	54.12%	5.085%
27	18.075	2561	2565	2571	rBV2	23057	30857	4.05%	0.380%
28	19.157	2745	2749	2752	rVB	34074	36345	4.77%	0.448%
29	19.357	2780	2783	2789	rBV	11329	16463	2.16%	0.203%
30	19.504	2801	2808	2813	rBV2	35445	36904	4.84%	0.455%
31	19.598	2818	2824	2833	rBV	395216	542804	71.21%	6.691%
32	20.551	2980	2986	2991	rBV	38293	42656	5.60%	0.526%
33	21.116	3077	3082	3101	rBV	290923	459421	60.27%	5.664%
34	21.386	3123	3128	3134	rBV	499789	645277	84.66%	7.955%

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35	21.951	3220	3224	3229	rVB	20075	24207	3.18%	0.298%
36	22.427	3300	3305	3309	rBV	20240	29810	3.91%	0.367%
37	22.557	3324	3327	3333	rVB	15435	21564	2.83%	0.266%
38	22.945	3387	3393	3399	rVB	53876	80342	10.54%	0.990%
39	23.551	3485	3496	3508	rVB	385217	762221	100.00%	9.396%
40	23.698	3514	3521	3531	rVB2	369580	727127	95.40%	8.964%
41	23.857	3543	3548	3555	rVB	27290	47181	6.19%	0.582%
42	24.192	3598	3605	3612	rBV	60819	119246	15.64%	1.470%
43	24.957	3728	3735	3742	rBV2	27872	63210	8.29%	0.779%
44	25.433	3809	3816	3824	rBV3	24098	55573	7.29%	0.685%
45	25.857	3882	3888	3897	rVB3	28276	71286	9.35%	0.879%
46	28.309	4296	4305	4321	rVB4	60263	229660	30.13%	2.831%
47	28.474	4324	4333	4343	rBV10	9726	38339	5.03%	0.473%

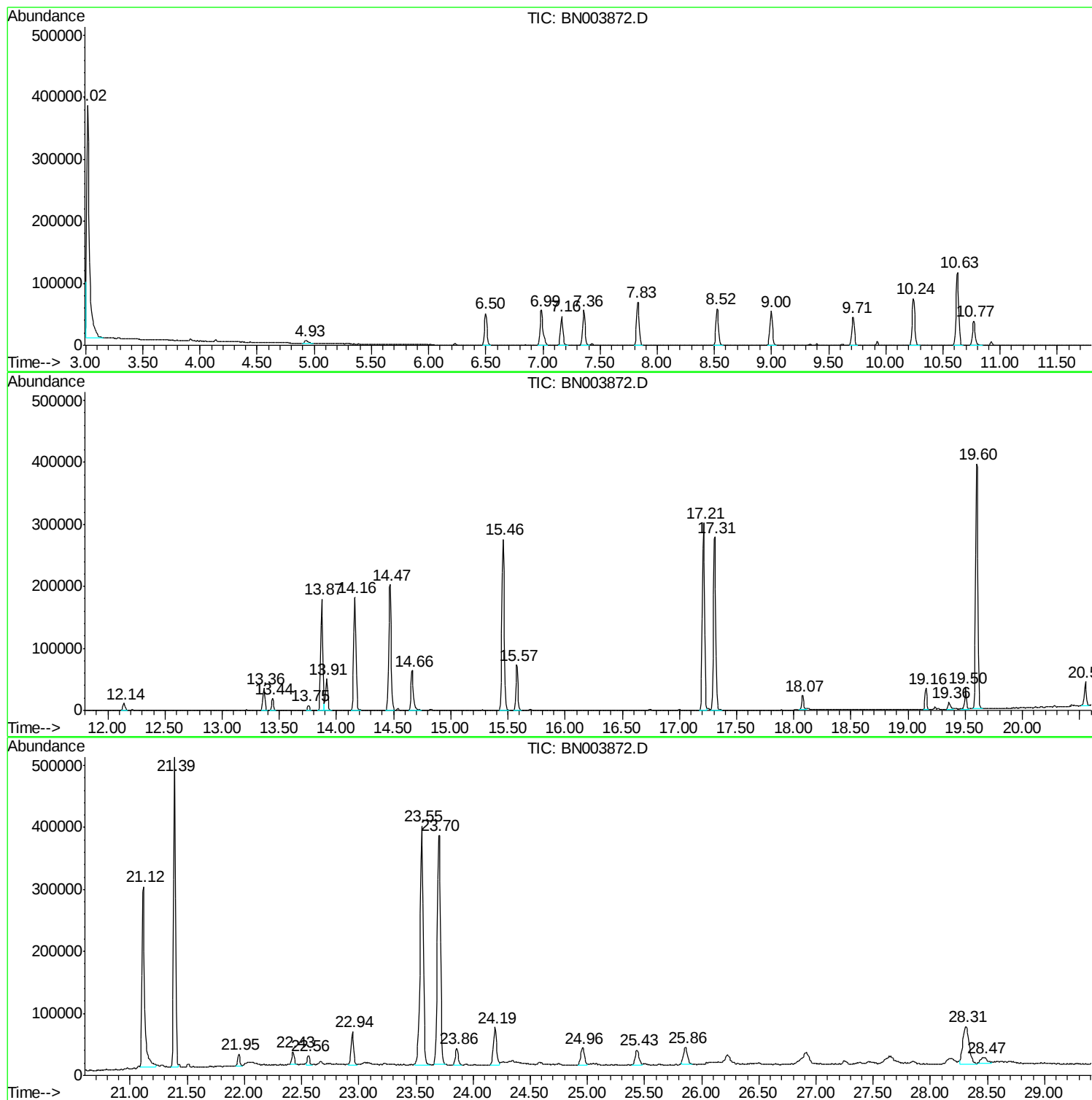
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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



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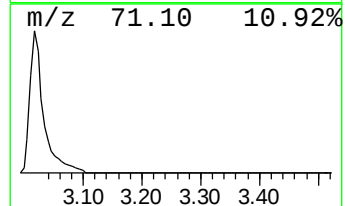
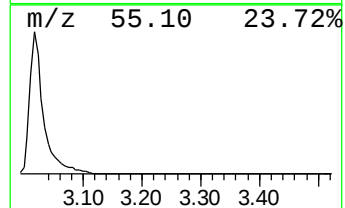
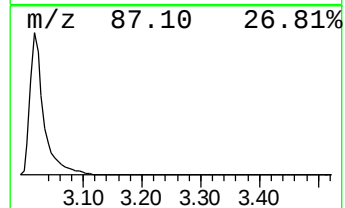
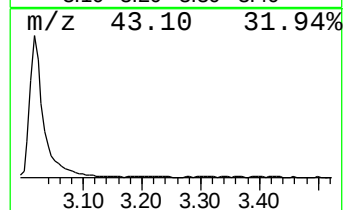
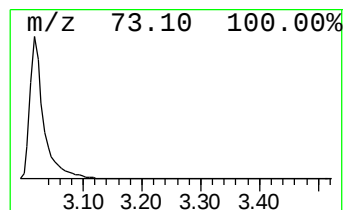
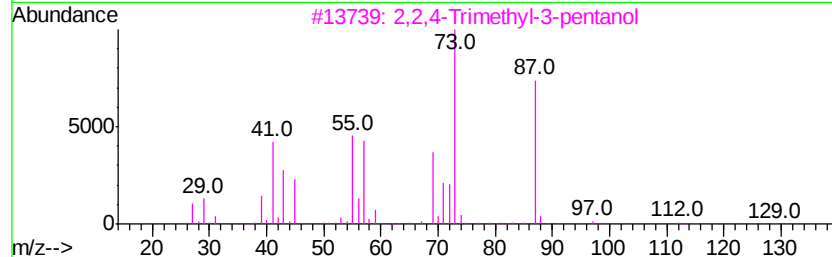
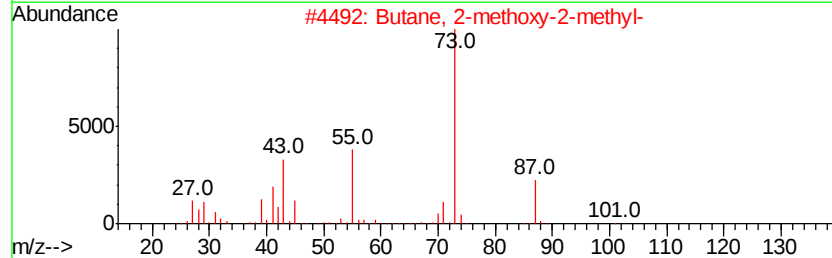
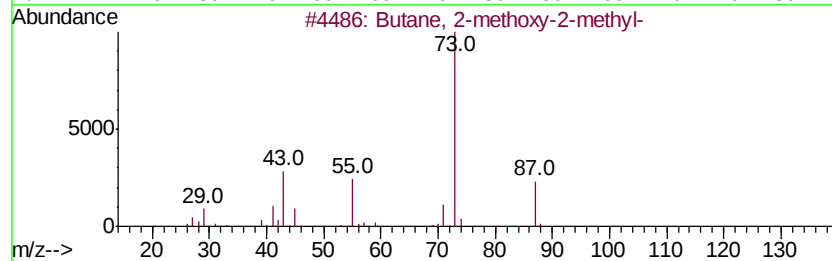
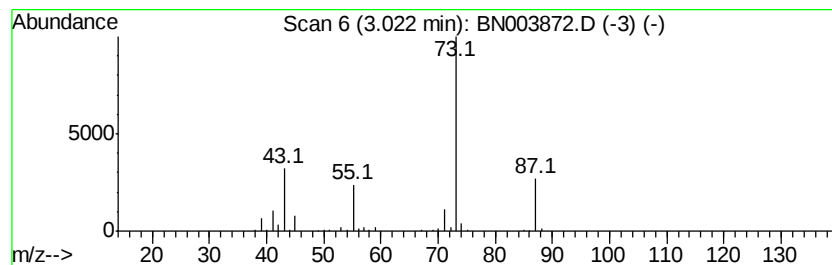
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.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.
3.02	103.66 ng/ul	563931	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23



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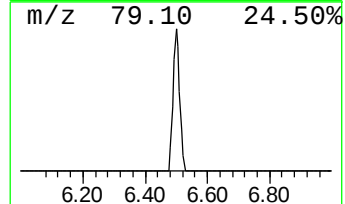
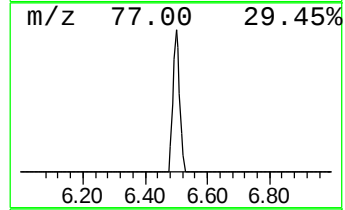
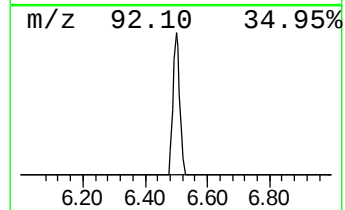
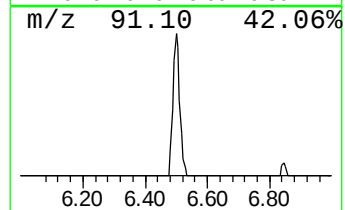
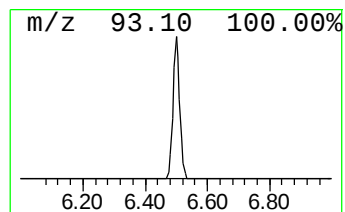
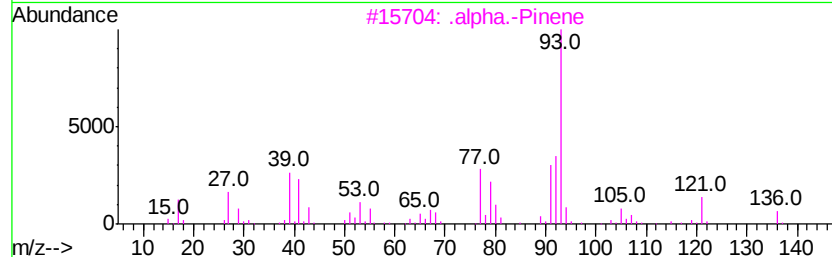
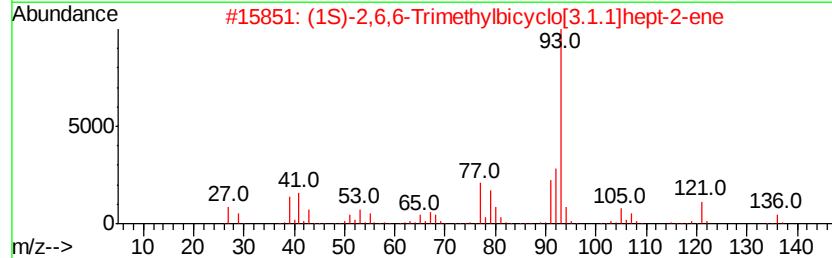
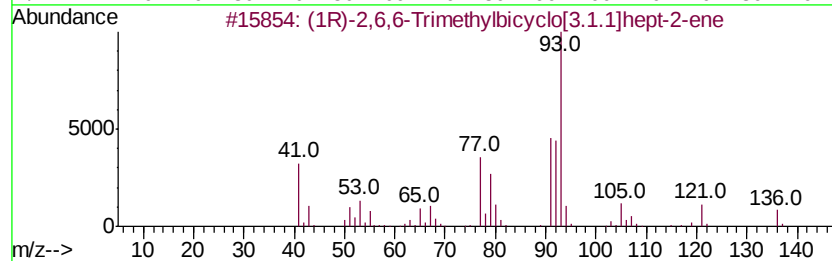
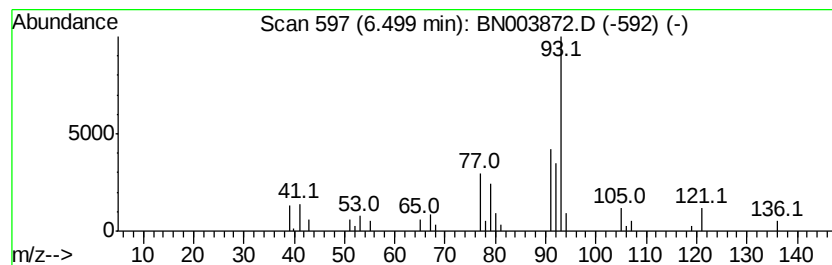
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	13.71 ng/ul	74564	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	95
2		(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	94
3		.alpha.-Pinene	136	C10H16	000080-56-8	91
4		.alpha.-Pinene	136	C10H16	000080-56-8	91
5		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91



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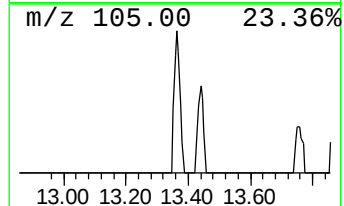
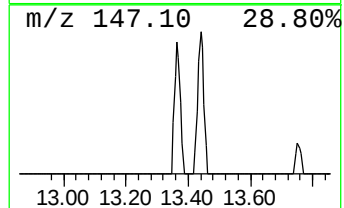
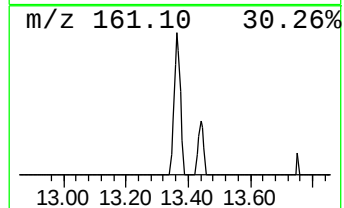
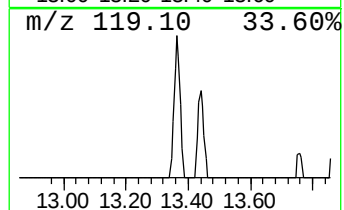
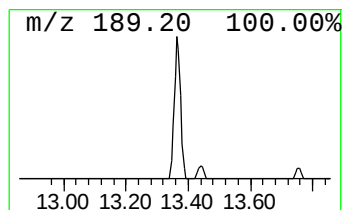
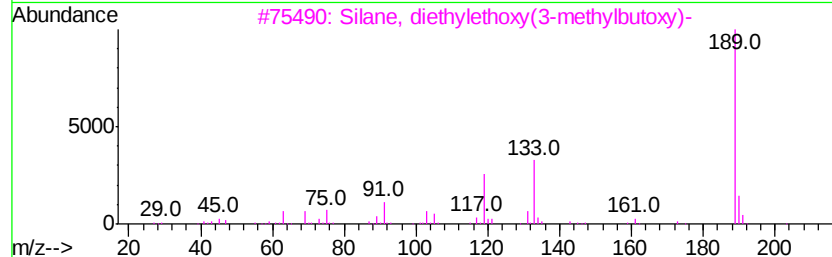
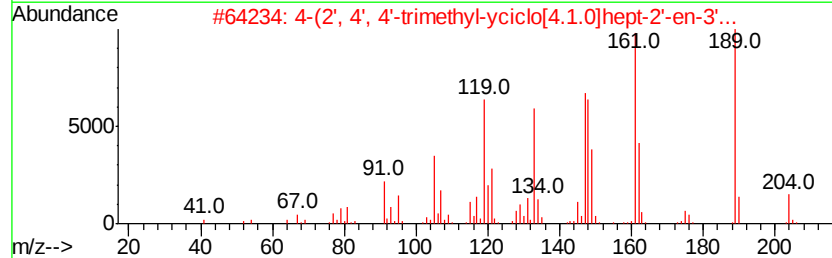
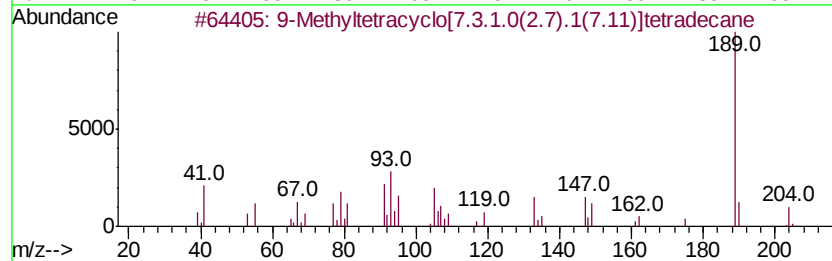
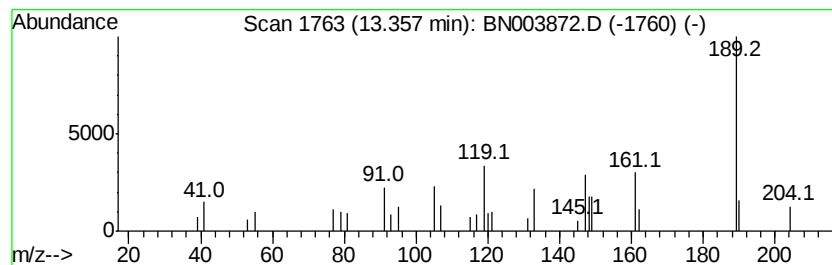
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 9-Methyltetracyclo[7.3.1.0(... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	2.97 ng/ul	45603	Acenaphthene-d10	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Methyltetracyclo[7.3.1.0(2.7)...	204	C15H24	1000215-30-5	76
2		4-(2', 4', 4'-trimethyl-yciclo[4...	204	C14H20O	1000373-94-4	50
3		Silane, diethylethoxy(3-methylbu...	218	C11H26O2Si	1000362-99-0	43
4		Silane, diethylisobutoxypropoxy-	218	C11H26O2Si	1000363-05-7	38
5		Acetonitrile, 2-(3,4-trimethylene...	189	C11H11NO2	162665-09-0	38



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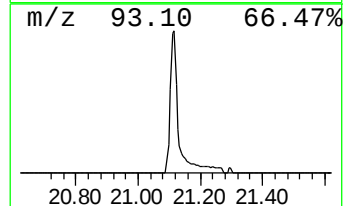
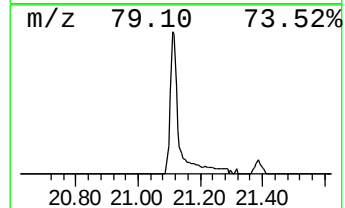
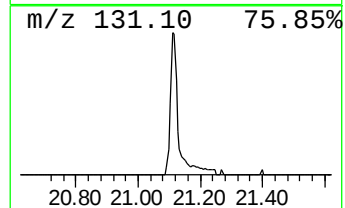
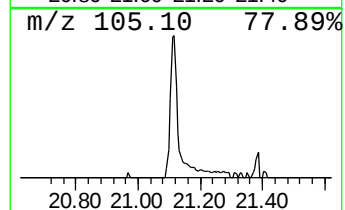
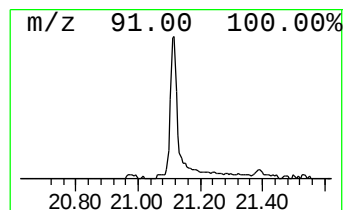
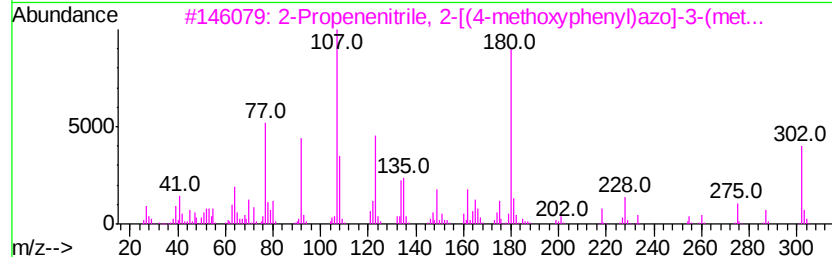
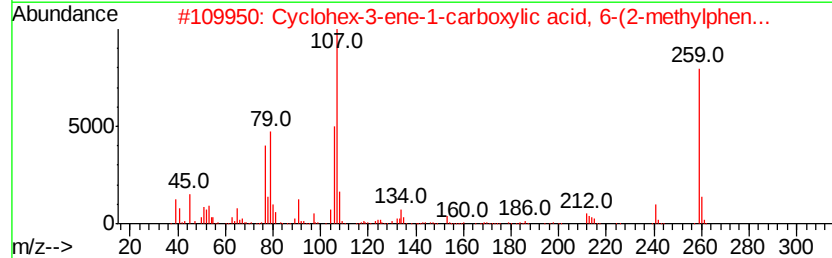
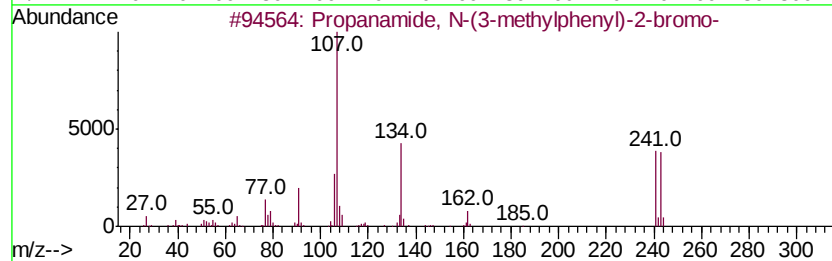
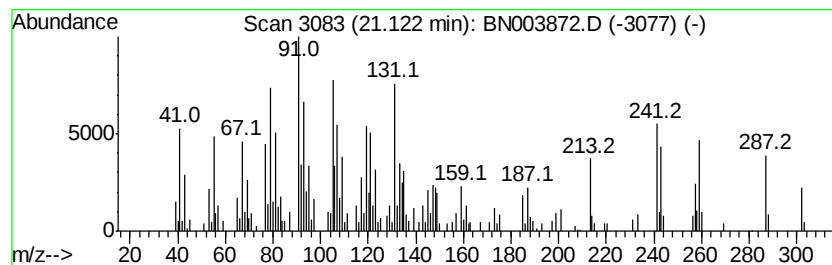
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Peak Number 4 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	14.24 ng/ul	459421	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanamide, N-(3-methylphenyl)-...	241	C10H12BrNO	1000307-47-5	22
2		Cyclohex-3-ene-1-carboxylic acid...	259	C15H17NO3	296246-13-4	18
3		2-Propenenitrile, 2-[(4-methoxyph...	302	C15H18N4OS	1000349-86-6	15
4		Bis(2,2-dimethylthio-N-salicylid...	538	C22H28N2NiO2S4	1000100-90-7	14
5		3-Trimethylsilyloxytetradecane	286	C17H38OSi	122825-89-2	10



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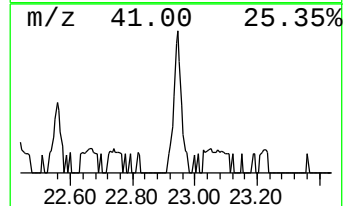
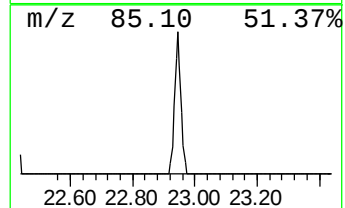
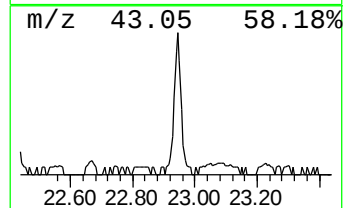
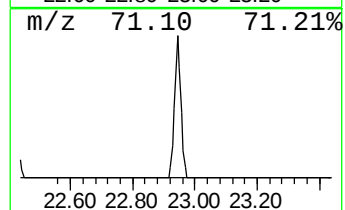
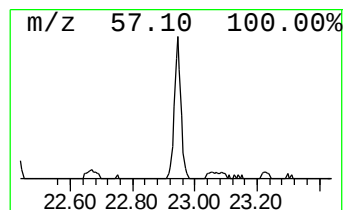
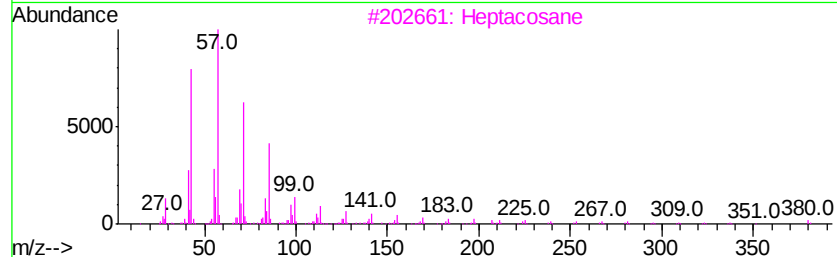
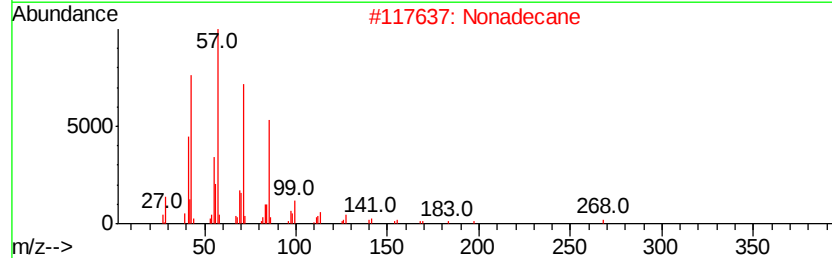
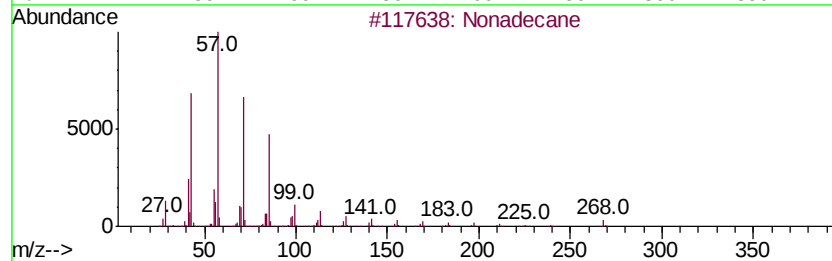
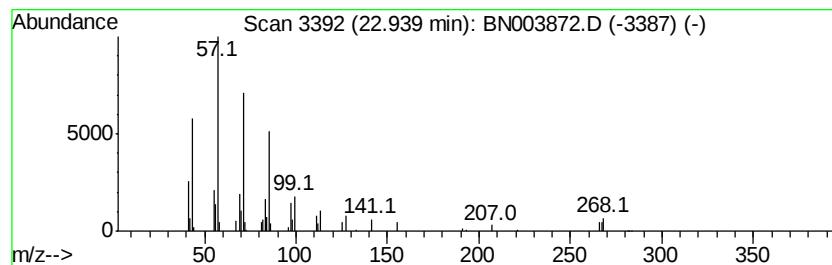
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	2.21 ng/ul	80342	Perylene-d12	23.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	94
2	Nonadecane		268	C19H40	000629-92-5	90
3	Heptacosane		380	C27H56	000593-49-7	90
4	Heneicosane		296	C21H44	000629-94-7	90
5	2-methyloctacosane		408	C29H60	1000376-72-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
Data File : BN003872.D
Acq On : 13 Dec 2018 03:34
Operator : JU/SJ
Sample : J6229-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E92

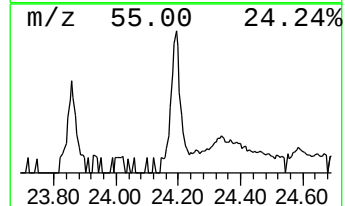
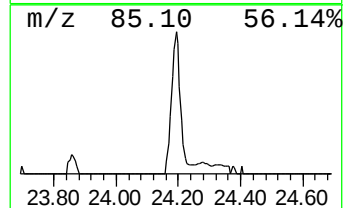
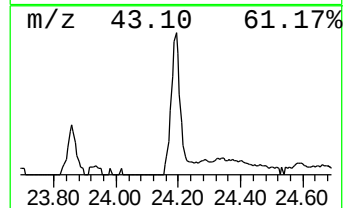
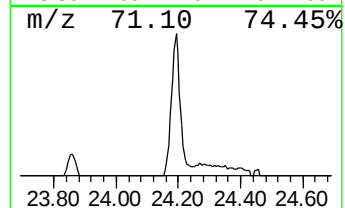
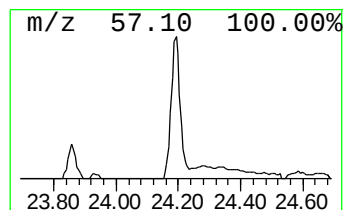
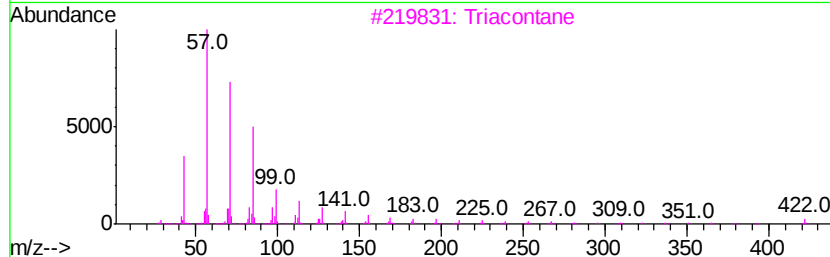
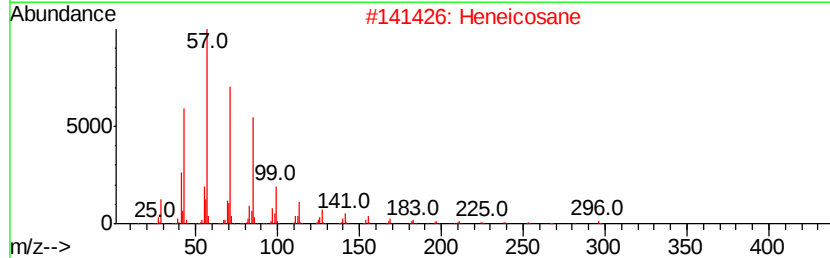
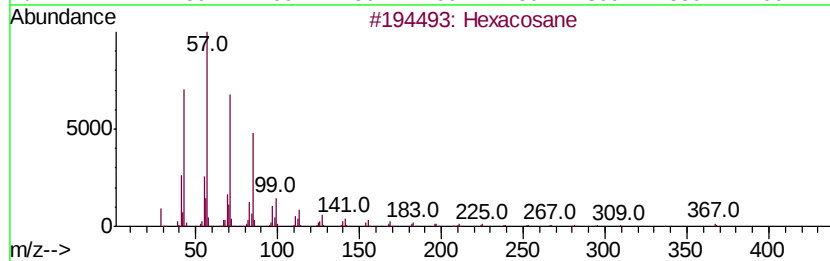
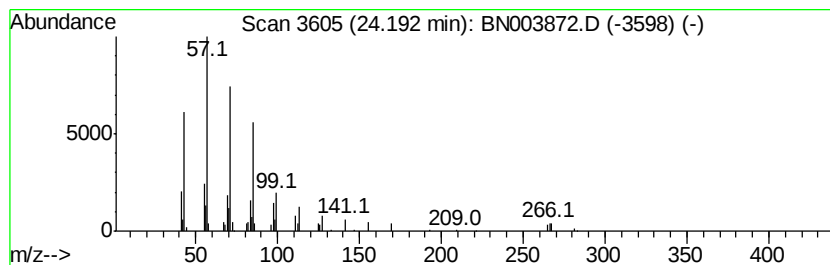
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.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.
24.19	3.28 ng/ul	119246	Perylene-d12	23.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Triacontane	422	C30H62	000638-68-6	87
4		Octadecane	254	C18H38	000593-45-3	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
Data File : BN003872.D
Acq On : 13 Dec 2018 03:34
Operator : JU/SJ
Sample : J6229-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

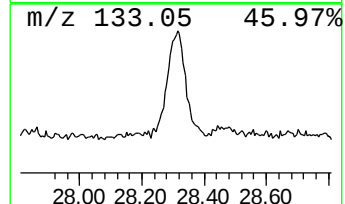
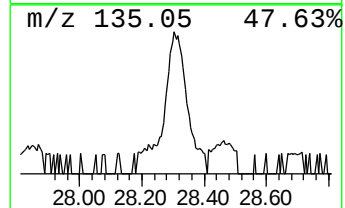
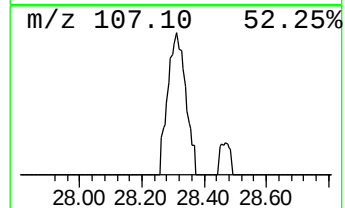
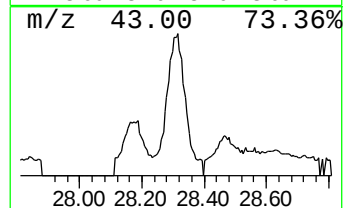
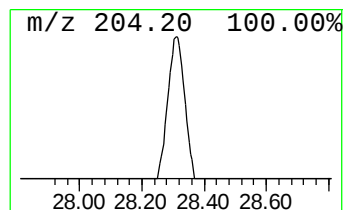
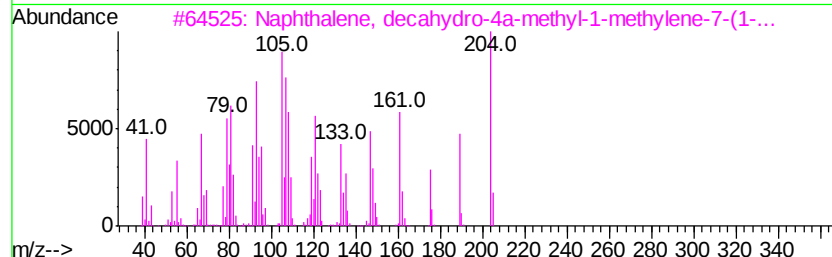
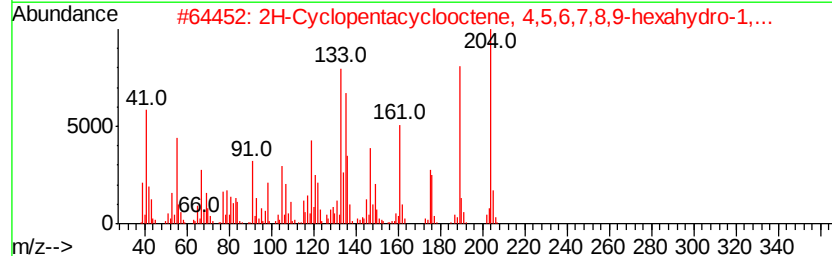
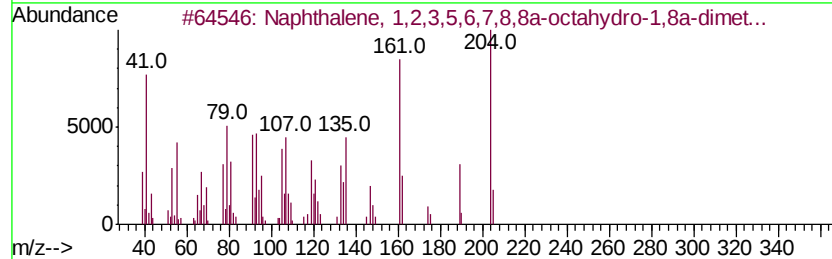
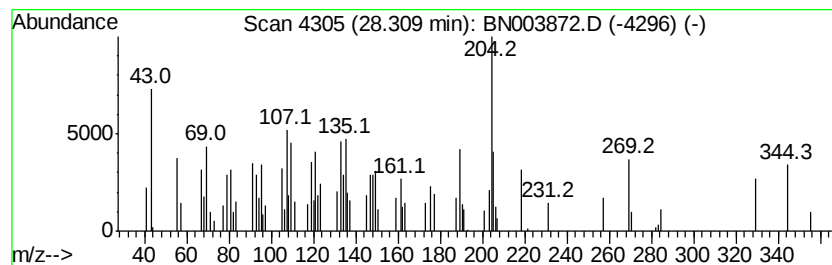
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphthalene, 1,2,3,5,6,7,8,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
28.31	6.32 ng/ul	229660	Perylene-d12	23.70		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	64
2		2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	46
3		Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	43
4		1,2,4,8-Tetramethylbicvclo[6.3.0...	204	C15H24	137235-51-9	41
5		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121218\
Data File : BN003872.D
Acq On : 13 Dec 2018 03:34
Operator : JU/SJ
Sample : J6229-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.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
Butane, 2-methoxy...	3.02	103.7	ng/ul	563931	1	7.83	108805	20.0
(1R)-2,6,6-Trimet...	6.50	13.7	ng/ul	74564	1	7.83	108805	20.0
9-Methyltetracycl...	13.36	3.0	ng/ul	45603	3	14.46	307045	20.0
unknown-01	21.12	14.2	ng/ul	459421	5	21.39	645277	20.0
(DEL) Alkane: Str...	22.94	2.2	ng/ul	80342	6	23.70	727127	20.0
(DEL) Alkane: Str...	24.19	3.3	ng/ul	119246	6	23.70	727127	20.0
Naphthalene, 1,2,...	28.31	6.3	ng/ul	229660	6	23.70	727127	20.0