

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
 Data File : BG041433.D
 Acq On : 24 Jun 2019 22:30
 Operator : HP/JU
 Sample : K3499-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-1(11-12)

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % 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_G\METHODS\8270-BG061719.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.586	418	425	440	rBV	390494	672699	35.06%	5.994%
2	7.201	693	700	711	rBV	462960	812733	42.36%	7.242%
3	7.572	757	763	777	rVB	455189	779990	40.66%	6.950%
4	8.042	838	843	849	rBV	110087	185867	9.69%	1.656%
5	8.365	891	898	907	rBV	342189	602968	31.43%	5.373%
6	9.228	1037	1045	1058	rBV	283248	541794	28.24%	4.828%
7	10.868	1317	1324	1333	rBV	150040	265050	13.82%	2.362%
8	13.306	1732	1739	1747	rBV	851361	1288328	67.15%	11.480%
9	13.547	1773	1780	1789	rVB	26944	45967	2.40%	0.410%
10	13.882	1830	1837	1844	rBV4	16850	33195	1.73%	0.296%
11	14.129	1872	1879	1887	rBV	165869	246075	12.83%	2.193%
12	14.687	1967	1974	1985	rBV2	260412	411926	21.47%	3.670%
13	15.486	2105	2110	2116	rVB2	13882	19706	1.03%	0.176%
14	16.173	2221	2227	2241	rBV	719472	1077857	56.18%	9.604%
15	17.431	2433	2441	2447	rBV	347335	523381	27.28%	4.664%
16	18.288	2582	2587	2595	rBV2	72789	127917	6.67%	1.140%
17	19.164	2729	2736	2748	rBV7	34504	147655	7.70%	1.316%
18	19.346	2764	2767	2774	rBV5	11205	20943	1.09%	0.187%
19	19.452	2781	2785	2788	rBV2	21840	28672	1.49%	0.255%
20	19.558	2799	2803	2808	rBV5	21344	39496	2.06%	0.352%
21	19.840	2848	2851	2856	rVB2	14915	19954	1.04%	0.178%
22	20.028	2876	2883	2890	rBV	1448967	1918464	100.00%	17.094%
23	20.298	2925	2929	2933	rBV7	15239	28297	1.47%	0.252%
24	21.338	3101	3106	3113	rBV10	18214	42380	2.21%	0.378%
25	21.702	3161	3168	3178	rBV	324140	585332	30.51%	5.216%
26	21.843	3189	3192	3196	rVB4	17345	23212	1.21%	0.207%
27	22.184	3246	3250	3254	rBV5	17892	26994	1.41%	0.241%
28	22.325	3271	3274	3280	rVB4	17462	21296	1.11%	0.190%
29	22.448	3292	3295	3301	rVB4	28896	41208	2.15%	0.367%
30	22.842	3357	3362	3368	rVB8	12181	21506	1.12%	0.192%
31	23.142	3408	3413	3422	rBV3	29677	61800	3.22%	0.551%
32	23.335	3442	3446	3452	rVB3	29079	56678	2.95%	0.505%
33	23.952	3545	3551	3560	rVB4	29084	64500	3.36%	0.575%
34	24.904	3707	3713	3718	rBV5	19744	48207	2.51%	0.430%

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ClientSampleId :
B-1(11-12)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

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35	24.986	3719	3727	3740	rvB2	124814	359412	18.73%	3.203%
36	26.050	3905	3908	3916	rvB9	14463	31275	1.63%	0.279%

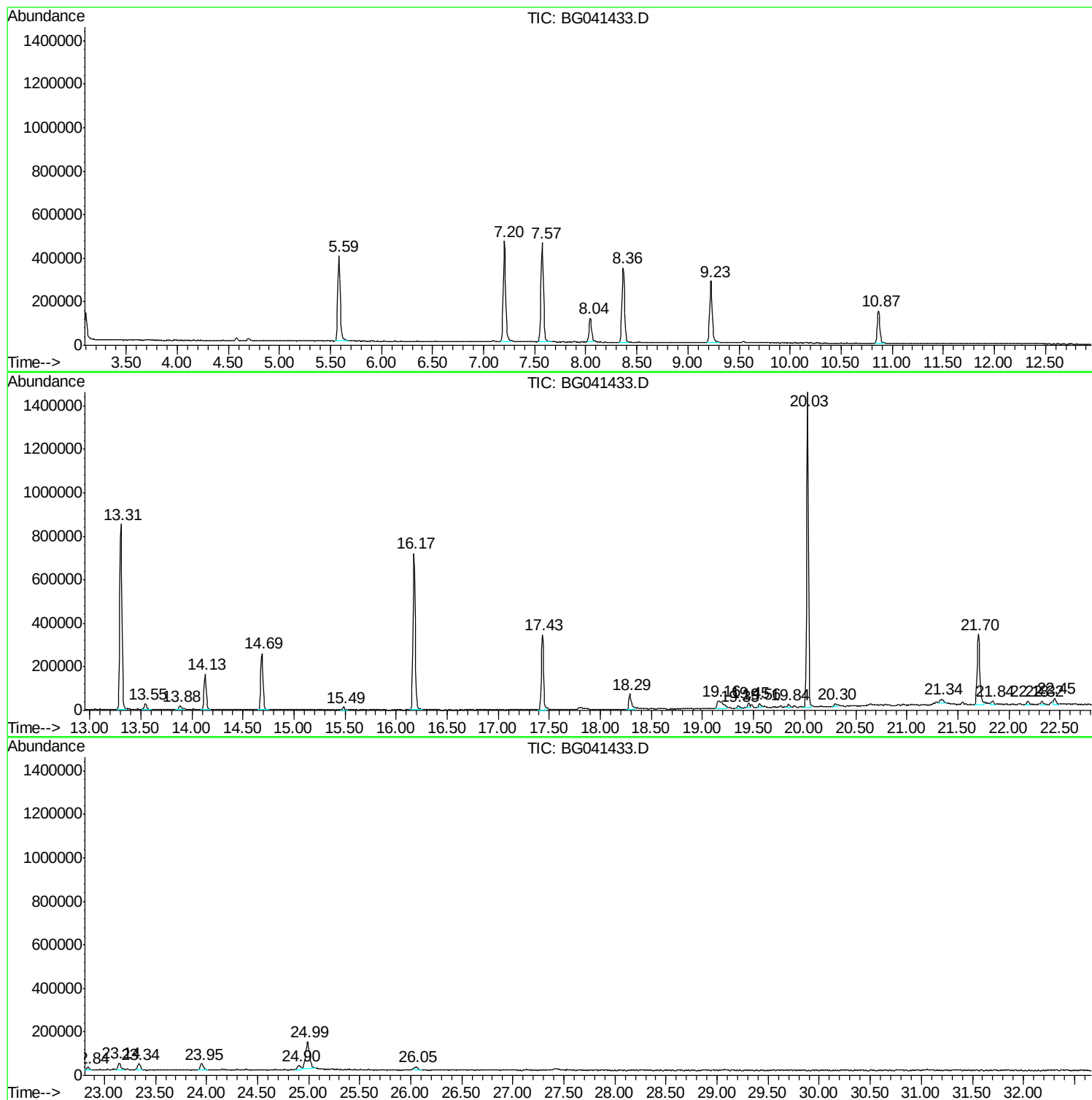
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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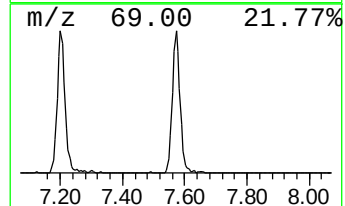
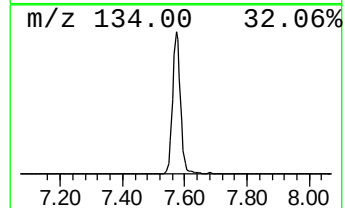
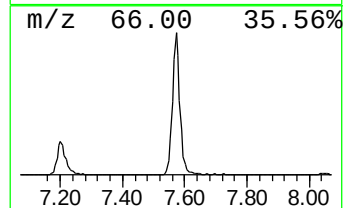
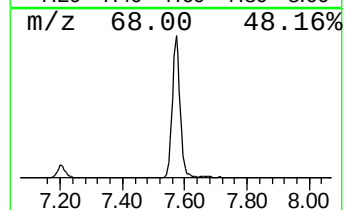
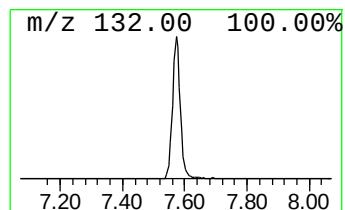
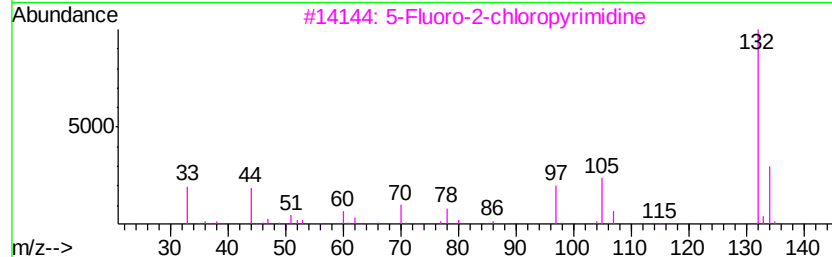
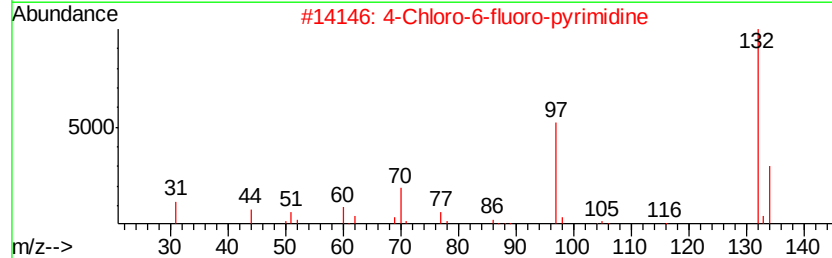
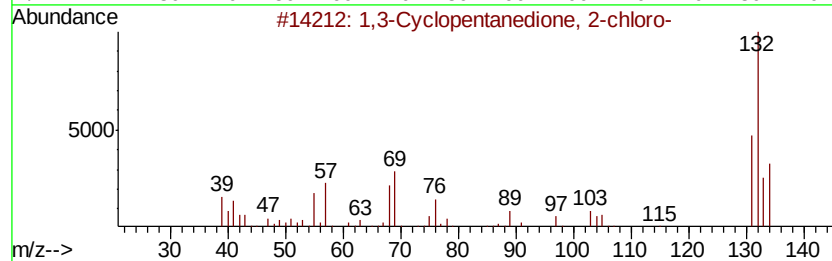
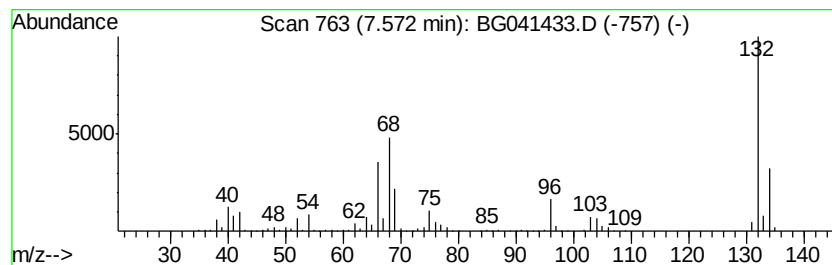
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	83.93 ng	779990	1,4-Dichlorobenzene-d4	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	38
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16



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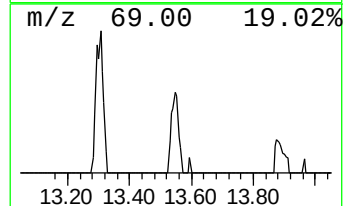
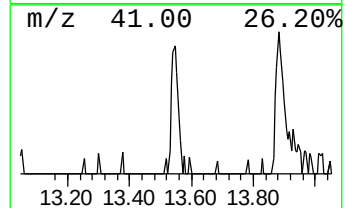
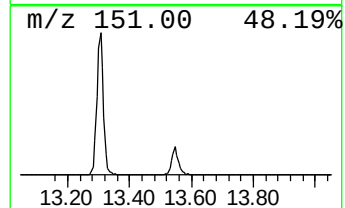
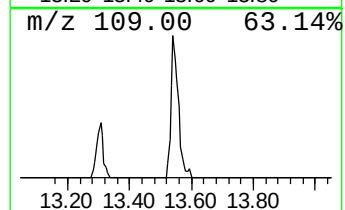
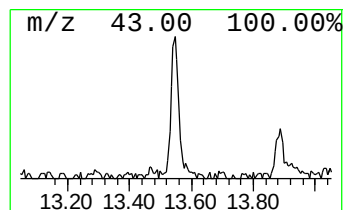
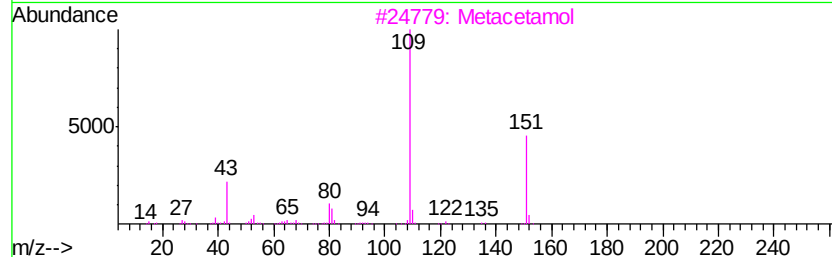
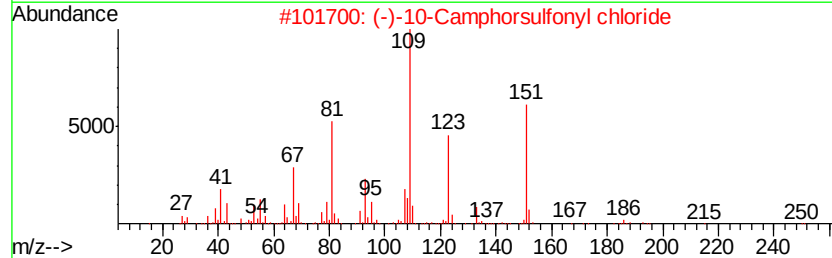
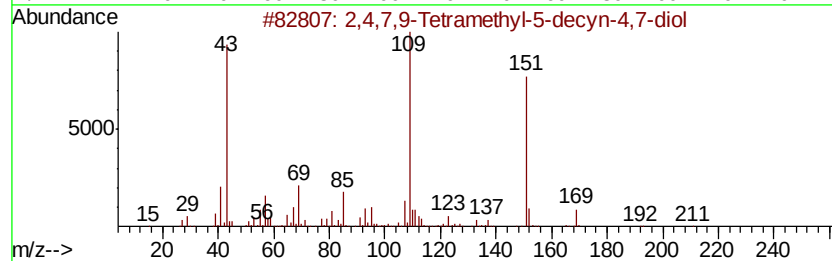
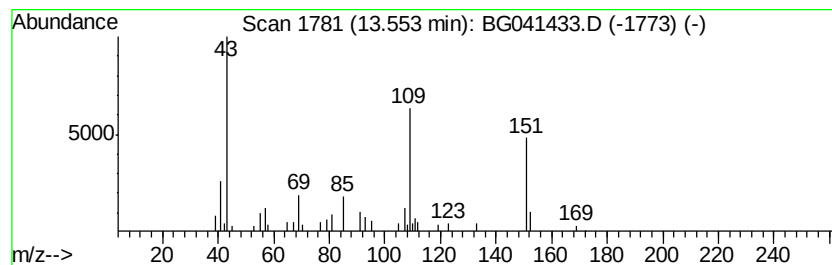
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ClientSampleId :
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Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.55	2.23 ng	45967	Acenaphthene-d10		14.69
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90
2	(-)-10-Camphorsulfonyl chloride	250	C10H15ClO3S	039262-22-1	59
3	Metacetamol	151	C8H9NO2	000621-42-1	52
4	1-Acetyl-3-amino-4-cyano-3-pyrro...	151	C7H9N3O	002125-74-8	50
5	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	45



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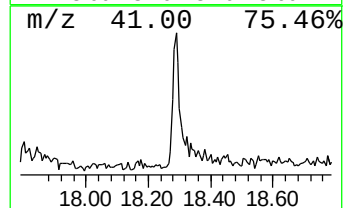
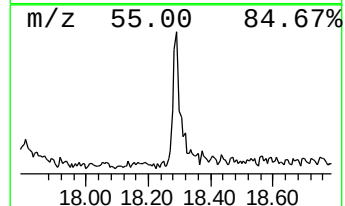
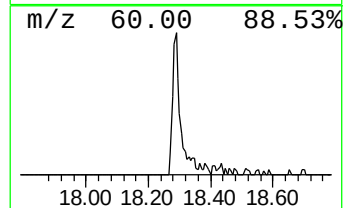
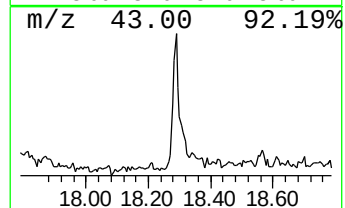
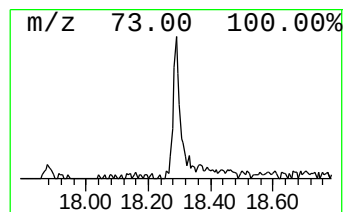
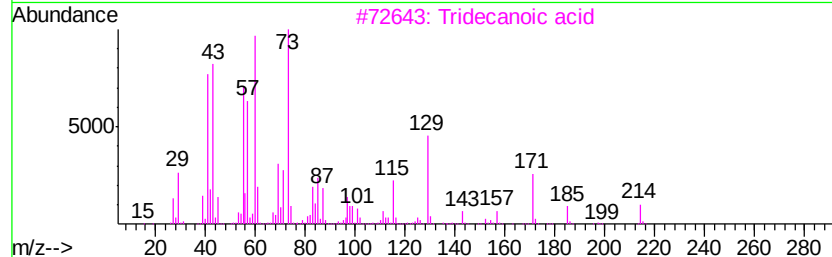
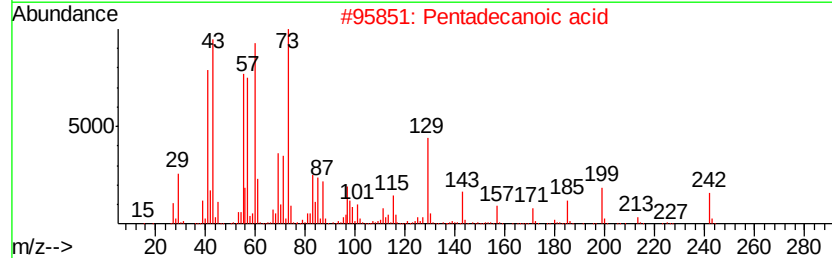
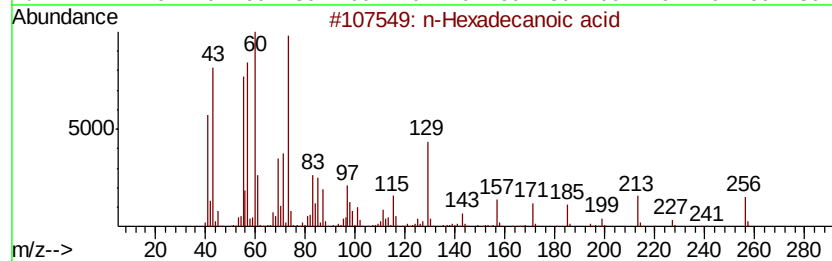
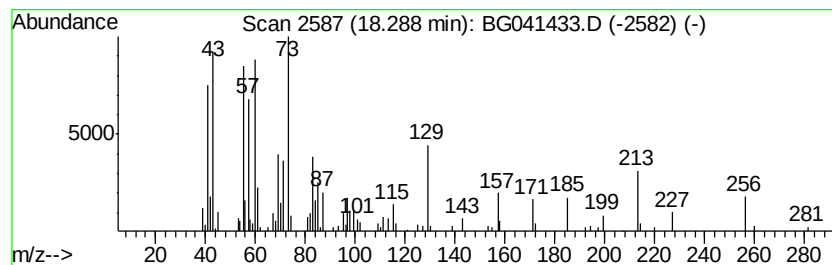
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TIC Library : C:\Database\NIST11.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.29	4.89 ng	127917	Phenanthrene-d10		17.43	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
3		Tridecanoic acid	214	C13H26O2	000638-53-9	68
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5		n-Decanoic acid	172	C10H20O2	000334-48-5	55



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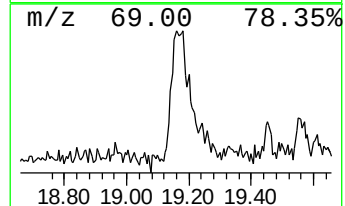
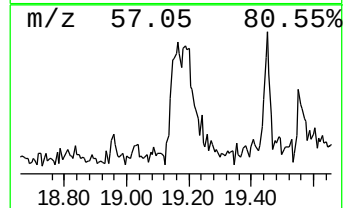
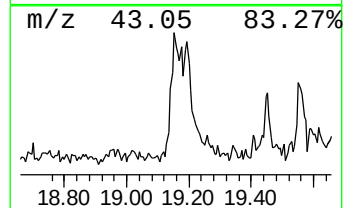
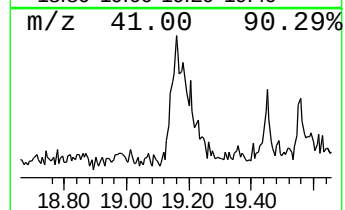
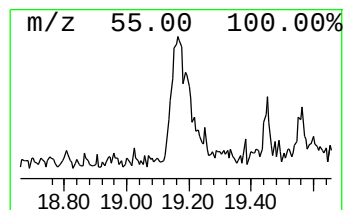
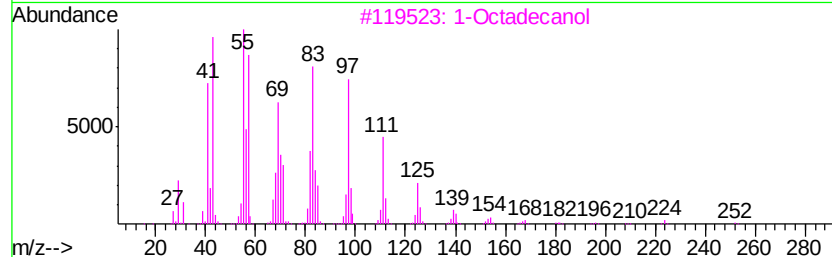
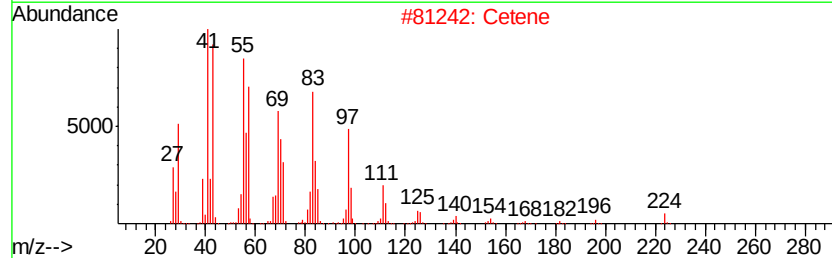
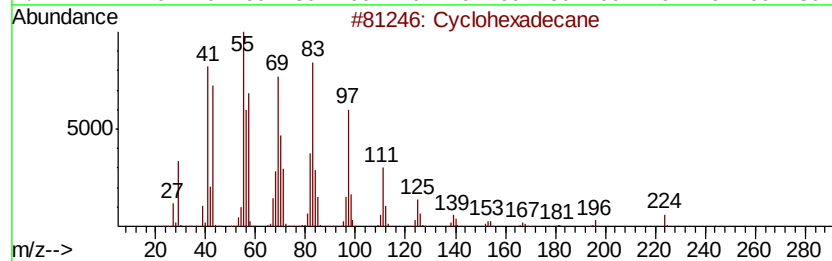
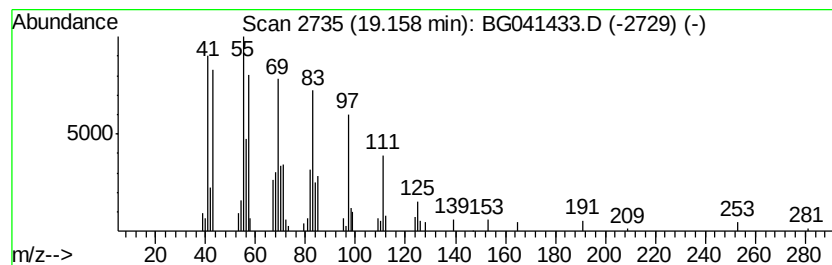
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.16	5.64 ng	147655	Phenanthrene-d10		17.43
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	Cetene	224	C16H32	000629-73-2	94
3	1-Octadecanol	270	C18H38O	000112-92-5	91
4	1-Eicosanol	298	C20H42O	000629-96-9	91
5	1-Octadecene	252	C18H36	000112-88-9	90



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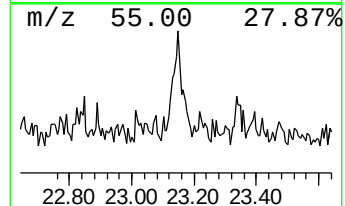
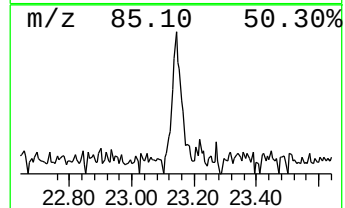
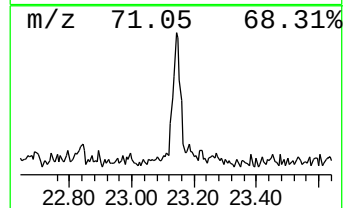
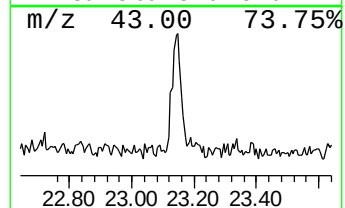
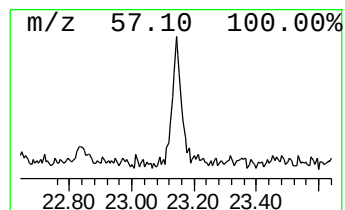
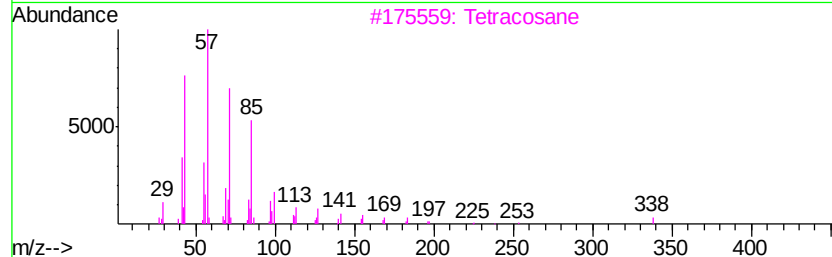
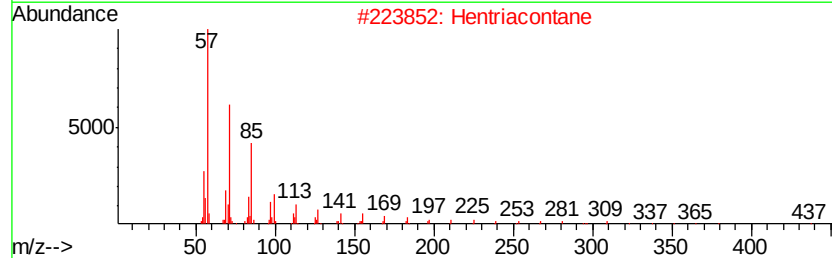
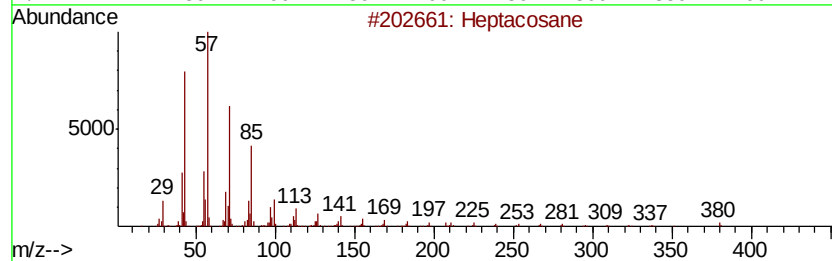
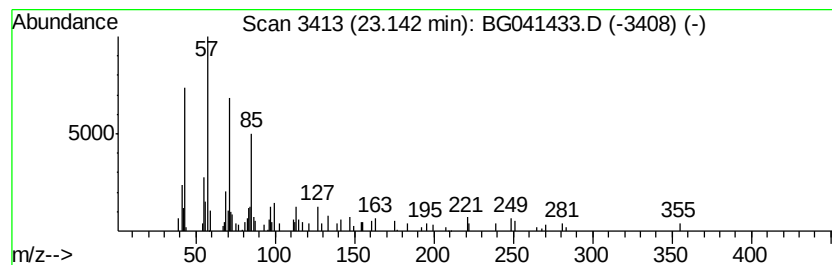
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TIC Library : C:\Database\NIST11.L
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Peak Number 6 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.14	2.11 ng	61800	Chrysene-d12	21.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	81
2	Hentriacontane		437	C31H64	000630-04-6	81
3	Tetracosane		338	C24H50	000646-31-1	81
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	74
5	Octadecane		254	C18H38	000593-45-3	74



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Instrument :
BNA_G
ClientSampleId :
B-1(11-12)

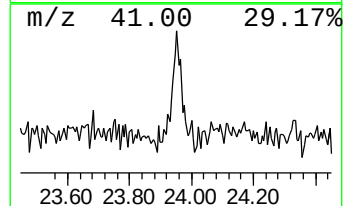
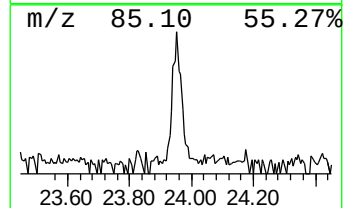
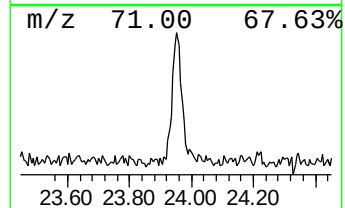
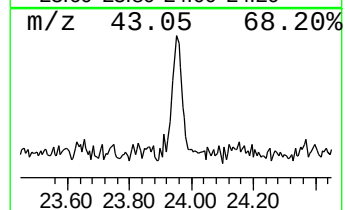
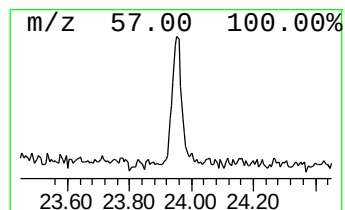
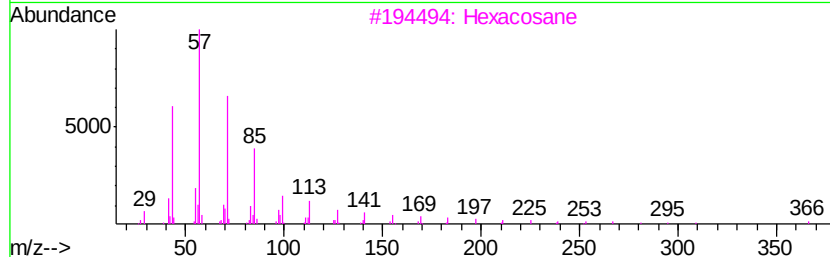
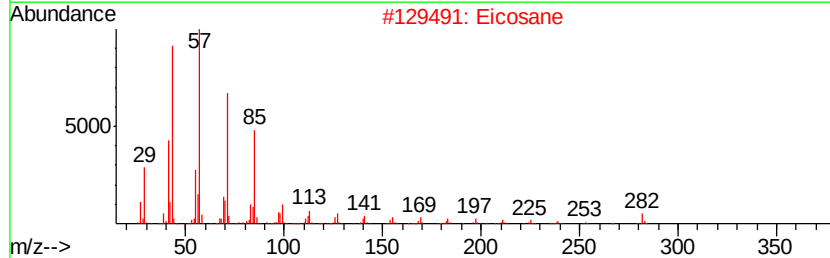
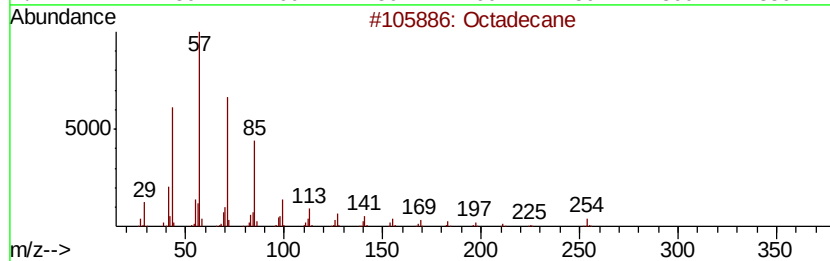
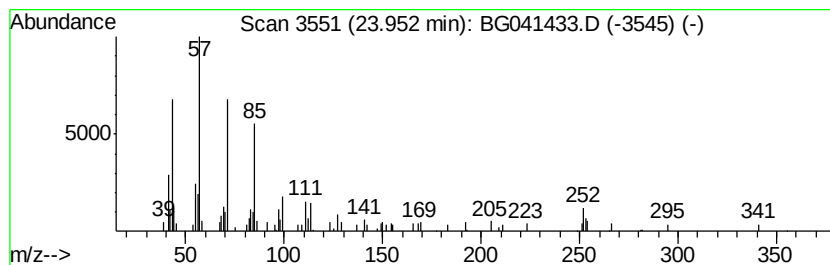
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	3.59 ng	64500	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	96
2		Eicosane	282	C20H42	000112-95-8	96
3		Hexacosane	366	C26H54	000630-01-3	70
4		Heptadecane	240	C17H36	000629-78-7	62
5		2-Bromotetradecane	276	C14H29Br	074036-95-6	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041433.D
Acq On : 24 Jun 2019 22:30
Operator : HP/JU
Sample : K3499-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

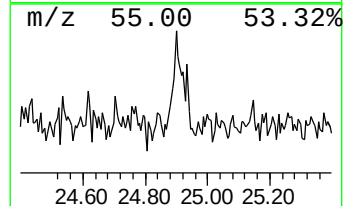
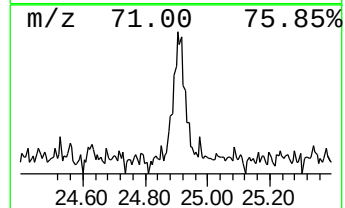
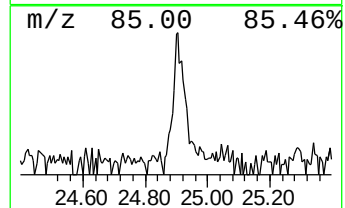
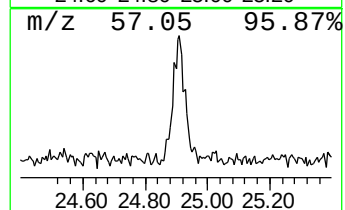
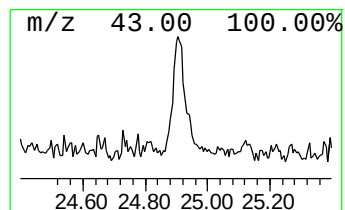
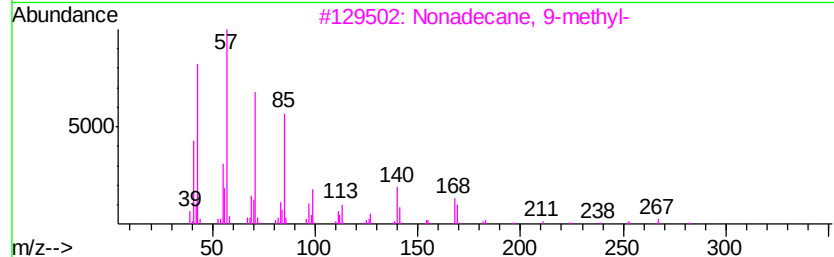
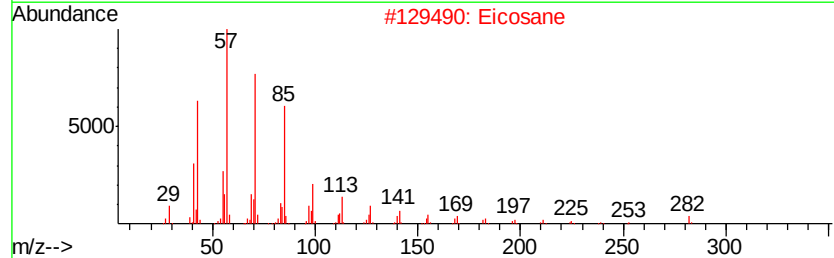
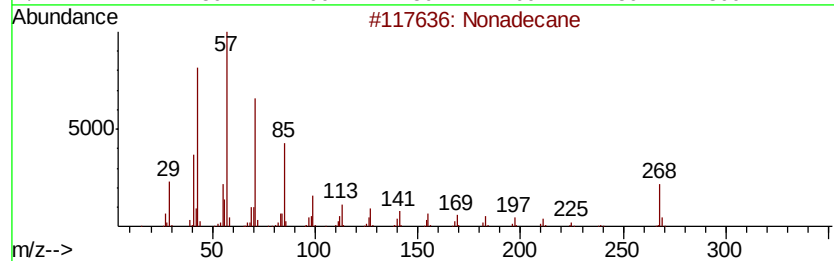
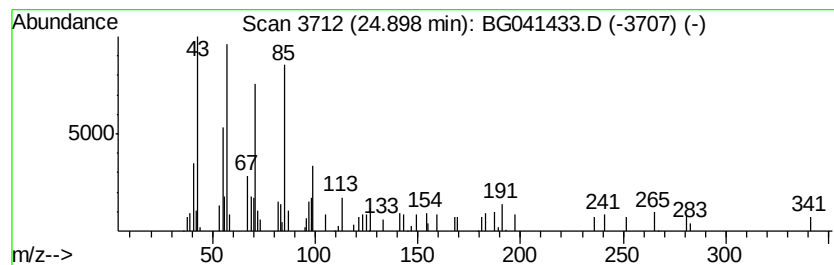
Instrument :
BNA_G
ClientSampleId :
B-1(11-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
24.90	2.68 ng	48207	Perylene-d12		24.99
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	76
2	Eicosane	282	C20H42	000112-95-8	68
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	64
4	2-methylhexacosane	380	C27H56	1000376-72-7	64
5	Hentriacontane	437	C31H64	000630-04-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062419\
Data File : BG041433.D
Acq On : 24 Jun 2019 22:30
Operator : HP/JU
Sample : K3499-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-1(11-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
unknown7.57	7.57	83.9	ng	779990	1	8.04	185867	20.0
2,4,7,9-Tetrameth...	13.55	2.2	ng	45967	3	14.69	411926	20.0
n-Hexadecanoic acid	18.29	4.9	ng	127917	4	17.43	523381	20.0
Cyclohexadecane	19.16	5.6	ng	147655	4	17.43	523381	20.0
Heptacosane	23.14	2.1	ng	61800	5	21.70	585332	20.0
Octadecane	23.95	3.6	ng	64500	6	24.99	359412	20.0
Nonadecane	24.90	2.7	ng	48207	6	24.99	359412	20.0