

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043378.D
 Acq On : 29 Oct 2019 17:40
 Operator : JU
 Sample : K5564-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-1-1

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-BG102119.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	3.189	13	17	31	rVB	161739	246920	7.35%	1.282%
2	5.128	341	347	359	rBV	140984	231236	6.88%	1.200%
3	5.610	422	429	442	rBV	628013	1125098	33.49%	5.840%
4	7.208	694	701	723	rBV	679251	1311202	39.03%	6.806%
5	7.567	755	762	773	rBV	743223	1295698	38.57%	6.726%
6	8.019	831	839	848	rBV	150369	272038	8.10%	1.412%
7	8.348	888	895	906	rBV	572398	1017639	30.29%	5.282%
8	9.188	1029	1038	1052	rBV	380761	795921	23.69%	4.131%
9	10.827	1309	1317	1323	rBV	172040	340501	10.13%	1.767%
10	13.272	1723	1733	1748	rBV	1224963	2057521	61.24%	10.680%
11	14.100	1866	1874	1884	rBV	146938	252547	7.52%	1.311%
12	14.652	1958	1968	1975	rBV2	338085	565655	16.84%	2.936%
13	16.139	2208	2221	2237	rBV	1087696	1828468	54.42%	9.491%
14	16.538	2283	2289	2295	rVB4	20258	40512	1.21%	0.210%
15	17.396	2428	2435	2440	rBV2	403249	681706	20.29%	3.539%
16	17.437	2440	2442	2449	rVV	50236	73401	2.18%	0.381%
17	17.514	2451	2455	2463	rVB7	20831	39069	1.16%	0.203%
18	18.283	2581	2586	2591	rBV2	84470	152758	4.55%	0.793%
19	19.194	2734	2741	2744	rBV6	18915	38314	1.14%	0.199%
20	19.447	2779	2784	2790	rVB	69417	105440	3.14%	0.547%
21	19.552	2798	2802	2811	rVB	17761	33874	1.01%	0.176%
22	19.805	2842	2845	2855	rVB2	52702	119501	3.56%	0.620%
23	20.005	2872	2879	2889	rBV	2455165	3359679	100.00%	17.439%
24	20.686	2990	2995	3001	rBV	199383	253484	7.54%	1.316%
25	21.309	3096	3101	3111	rBV7	65286	197166	5.87%	1.023%
26	21.656	3153	3160	3178	rVB2	474761	977555	29.10%	5.074%
27	21.850	3188	3193	3199	rBV2	44939	69856	2.08%	0.363%
28	22.449	3290	3295	3301	rBV3	66296	102824	3.06%	0.534%
29	23.137	3403	3412	3420	rBV3	76998	175778	5.23%	0.912%
30	23.847	3526	3533	3539	rBV3	25830	69389	2.07%	0.360%
31	23.930	3539	3547	3554	rVB3	75867	190667	5.68%	0.990%
32	24.558	3648	3654	3657	rBV4	17032	39324	1.17%	0.204%
33	24.858	3694	3705	3720	rBV	340196	1076612	32.05%	5.588%
34	25.992	3888	3898	3905	rBV6	43868	127954	3.81%	0.664%

LSC Area Percent Report

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Instrument :
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ClientSampleId :
CSA-2-1-1

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

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

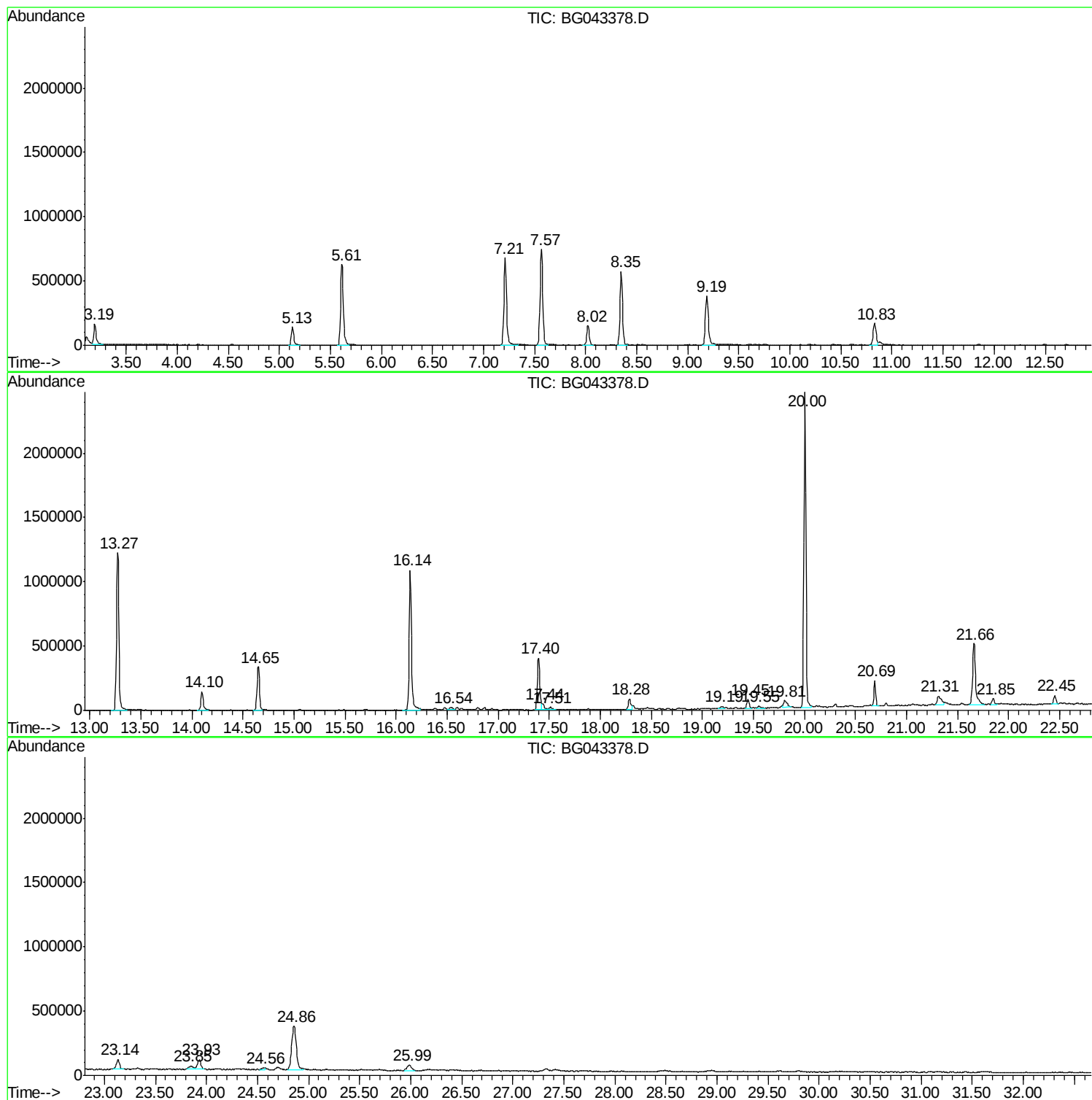
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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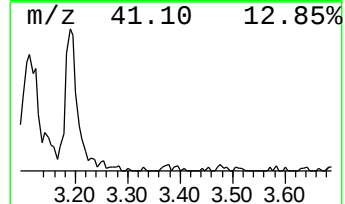
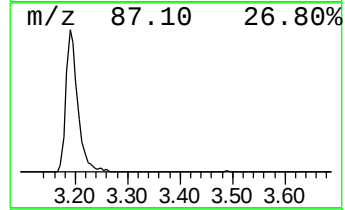
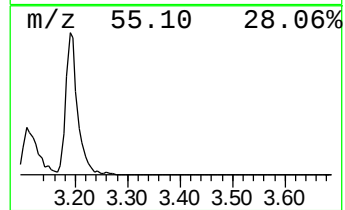
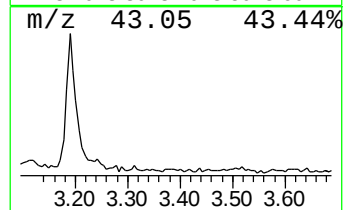
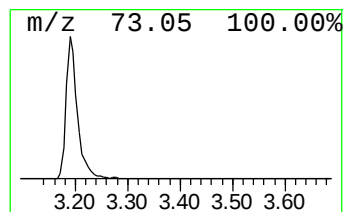
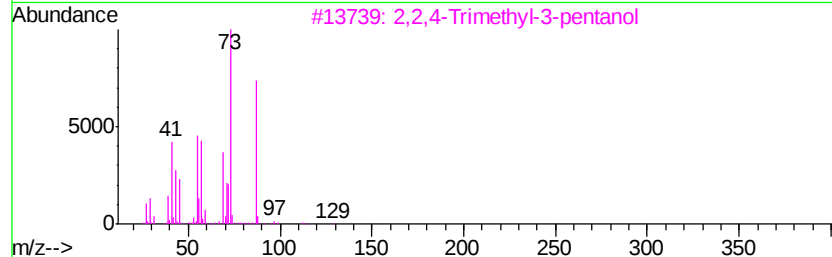
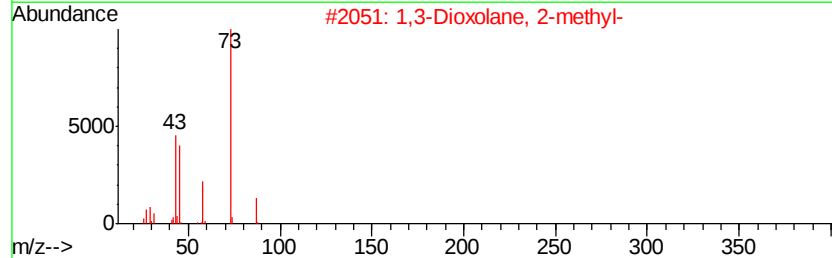
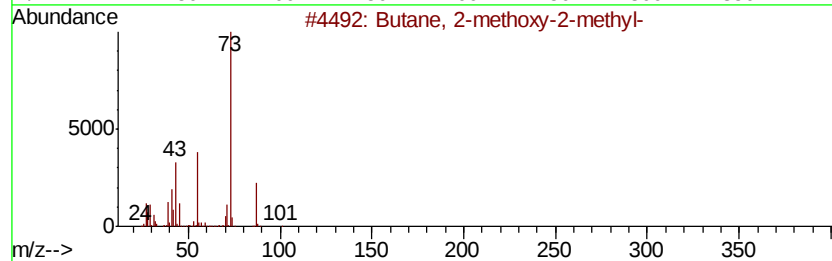
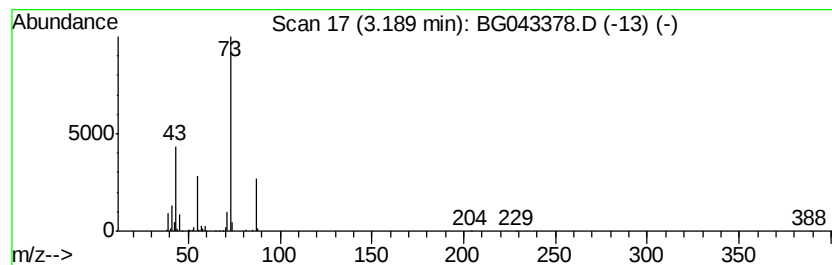
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	18.15 ng	246920	1,4-Dichlorobenzene-d4	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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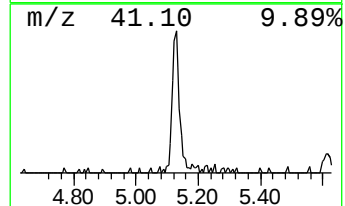
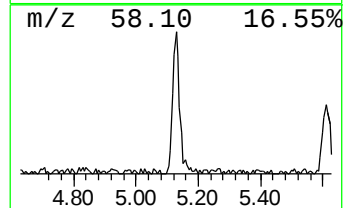
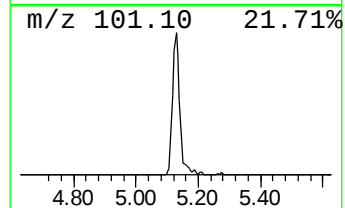
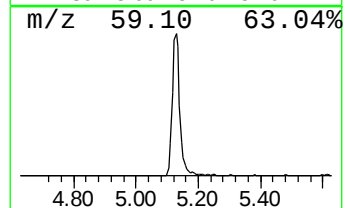
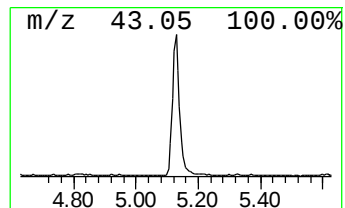
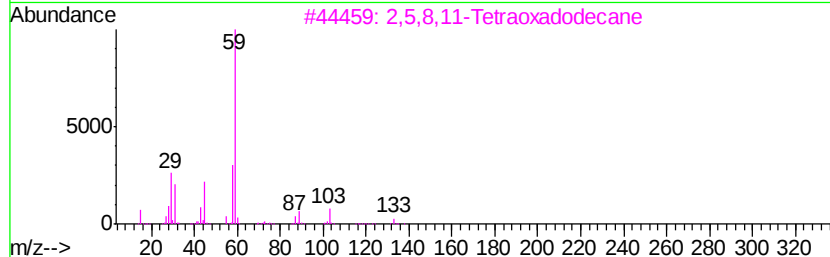
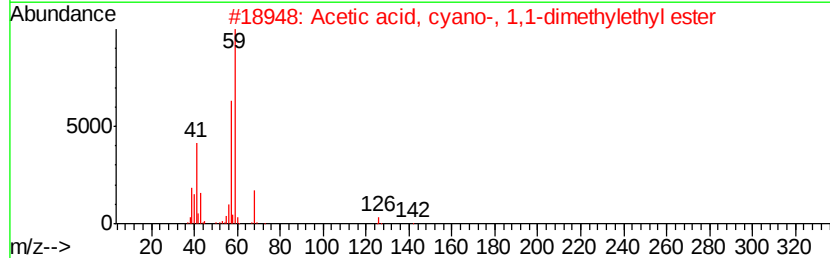
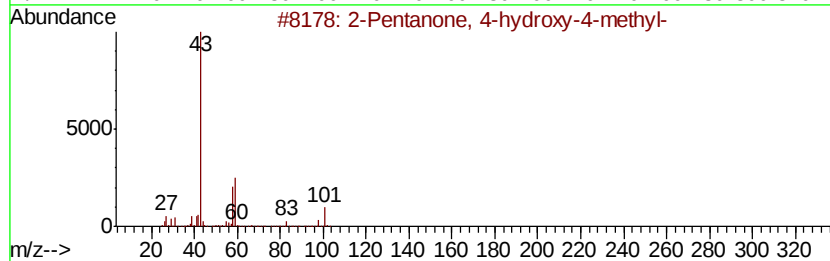
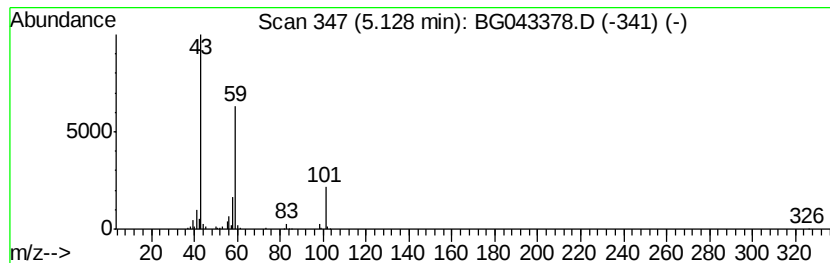
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	17.00 ng	231236	1,4-Dichlorobenzene-d4	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	32
3		2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	25
4		4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	17
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12



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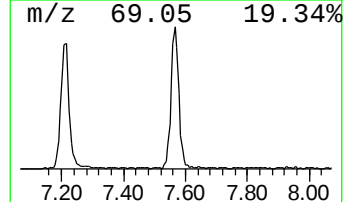
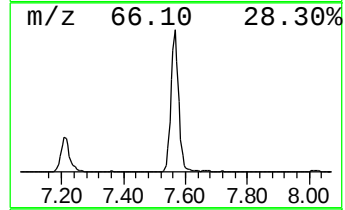
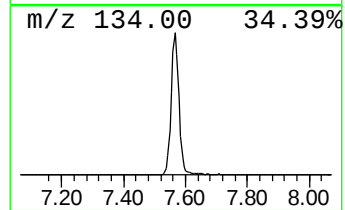
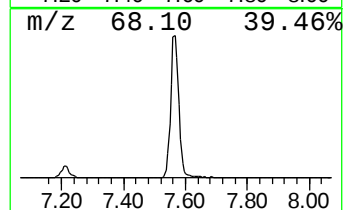
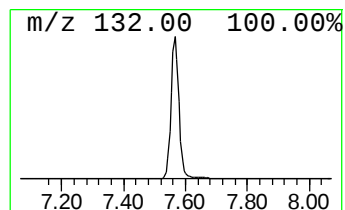
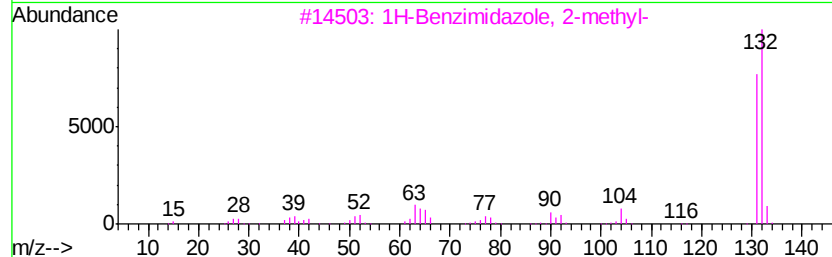
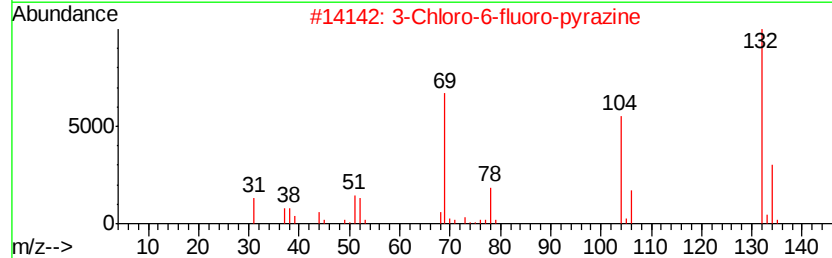
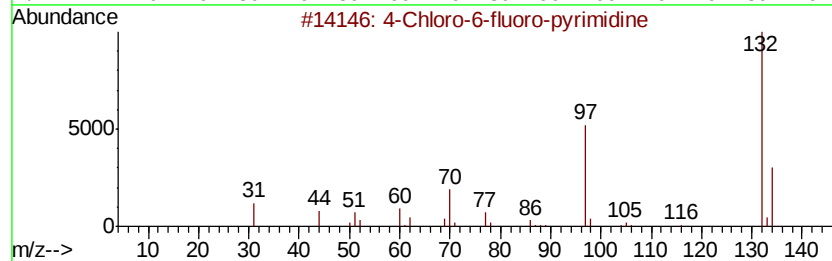
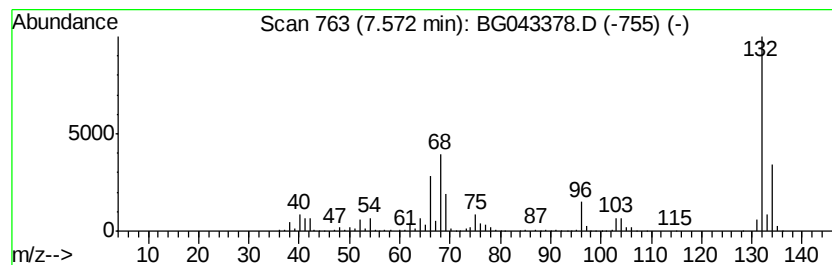
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	95.26 ng	1295700	1,4-Dichlorobenzene-d4	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	12



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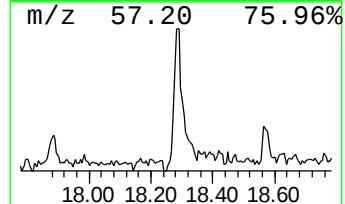
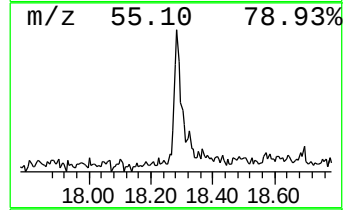
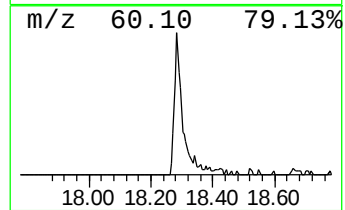
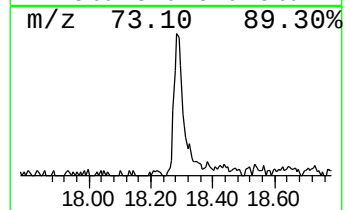
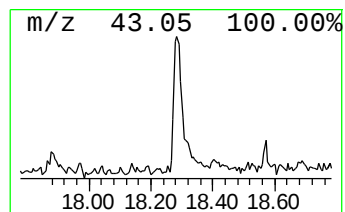
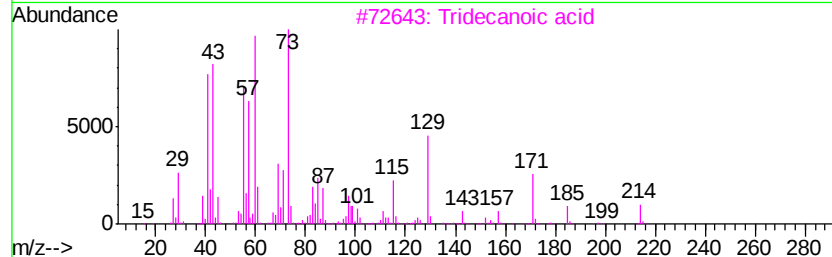
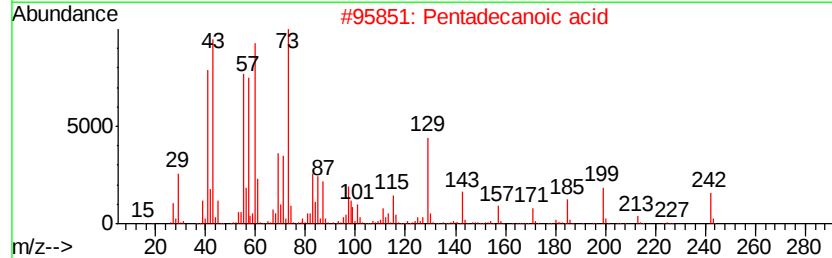
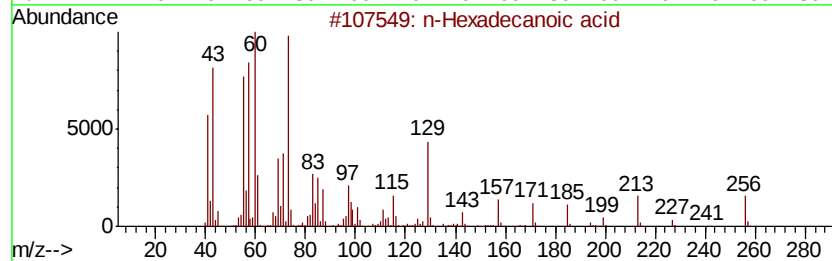
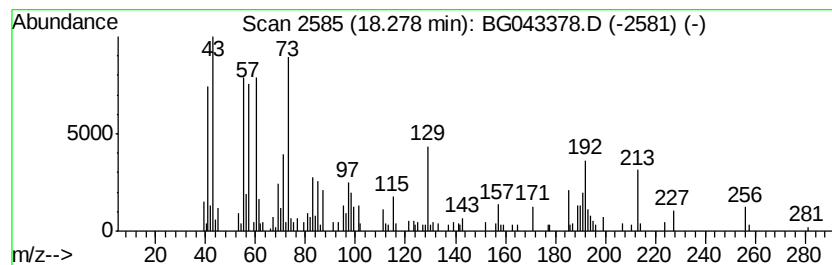
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.28	4.48 ng	152758	Phenanthrene-d10		17.39
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
3	Tridecanoic acid	214	C13H26O2	000638-53-9	60
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
5	Undecanoic acid	186	C11H22O2	000112-37-8	50



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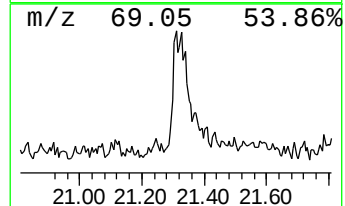
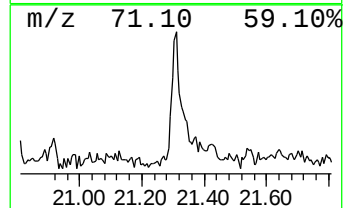
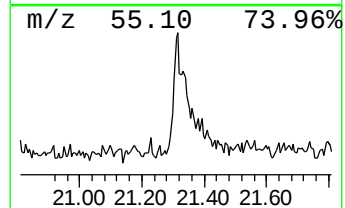
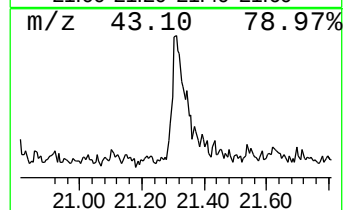
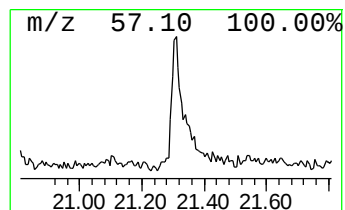
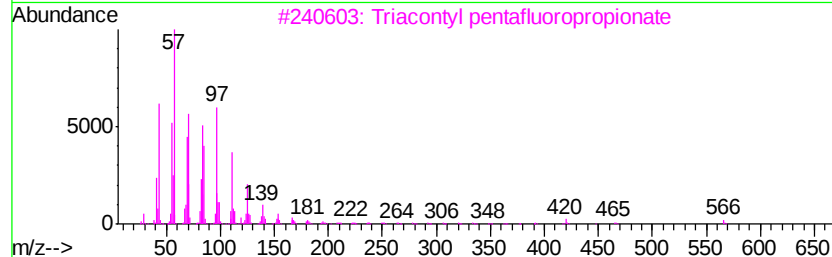
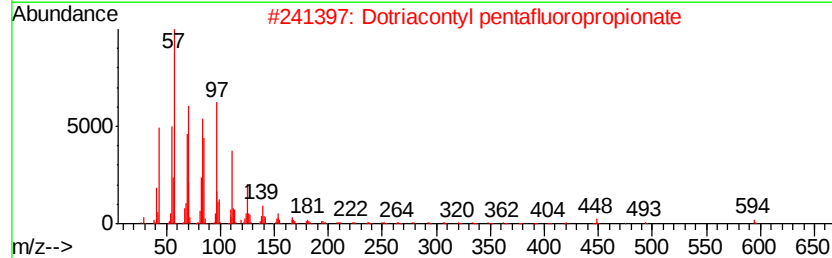
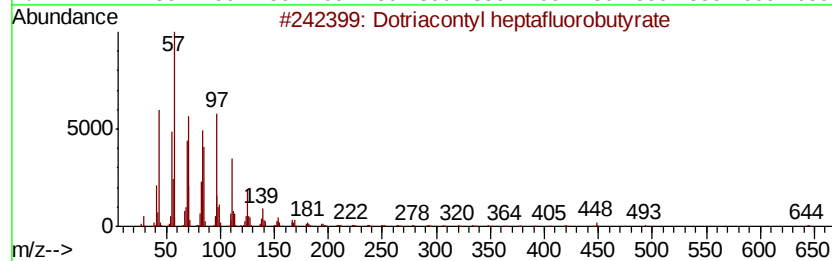
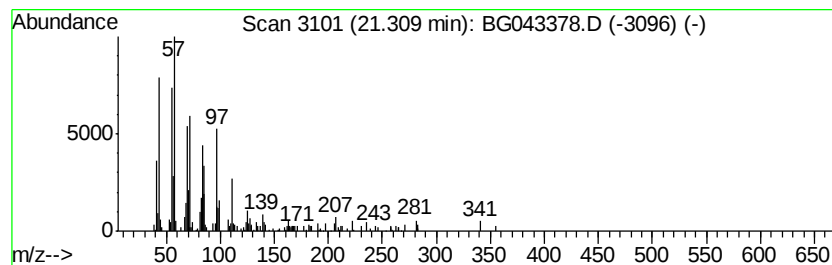
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dotriacontyl heptafluorobut... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	4.03 ng	197166	Chrysene-d12	21.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	87
2			Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	87
3			Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	83
4			1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	83
5			Triacontyl trifluoroacetate	534	C32H61F3O2	1000351-75-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043378.D
 Acq On : 29 Oct 2019 17:40
 Operator : JU
 Sample : K5564-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-1-1

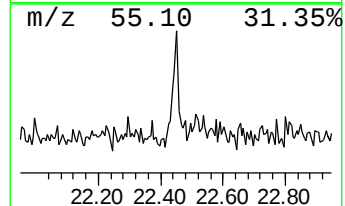
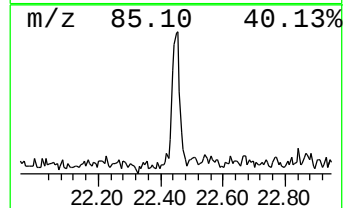
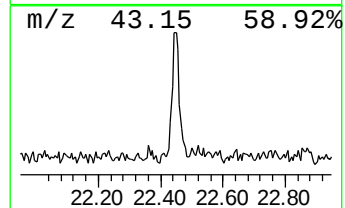
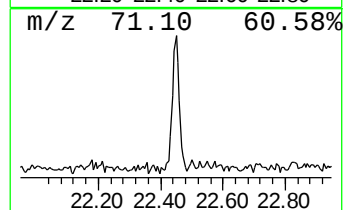
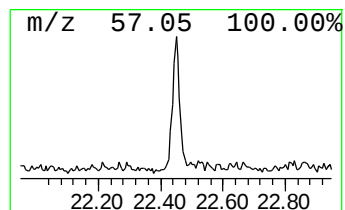
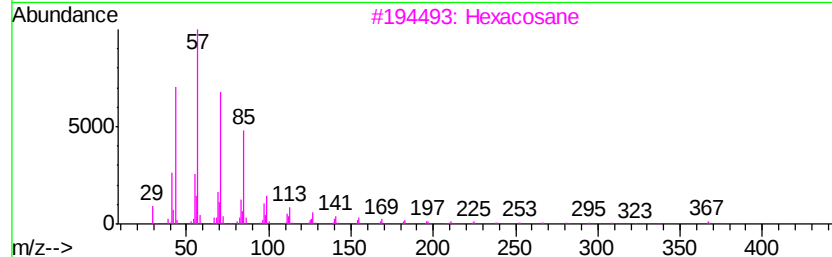
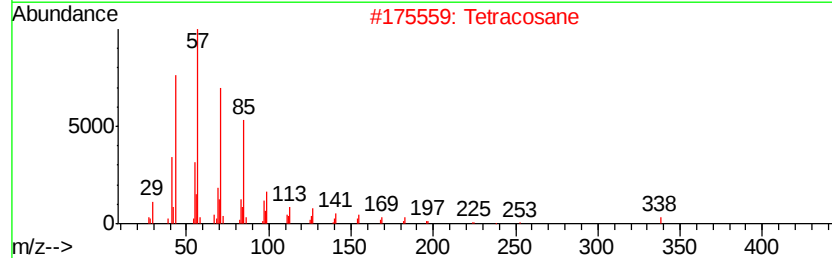
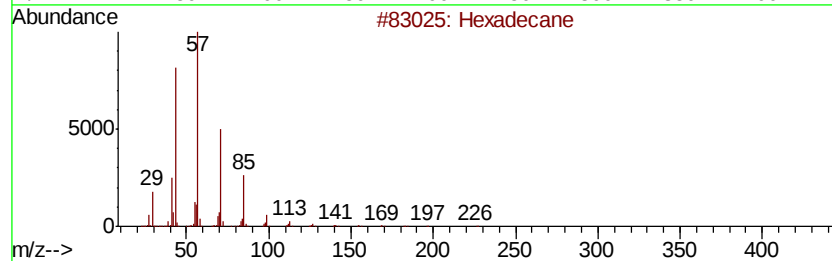
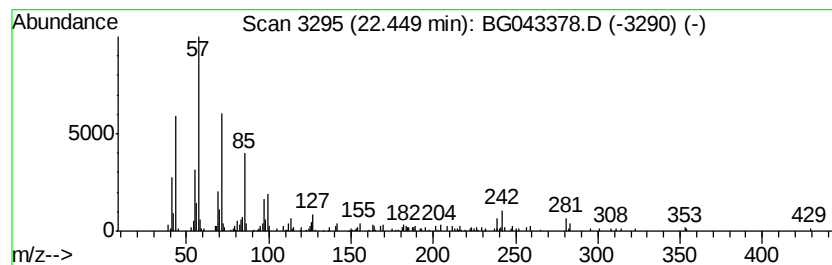
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	2.10 ng	102824	Chrysene-d12	21.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Tetracosane	338	C24H50	000646-31-1	87
3		Hexacosane	366	C26H54	000630-01-3	83
4		Tetratetracontane	619	C44H90	007098-22-8	83
5		Eicosane	282	C20H42	000112-95-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
Data File : BG043378.D
Acq On : 29 Oct 2019 17:40
Operator : JU
Sample : K5564-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-1

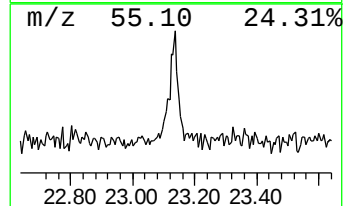
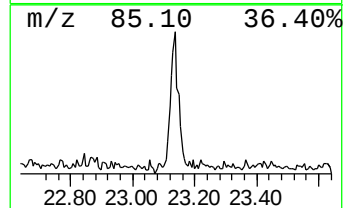
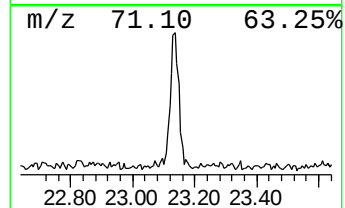
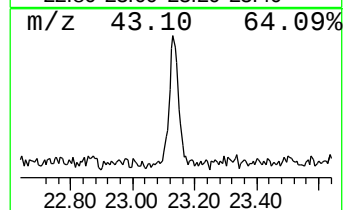
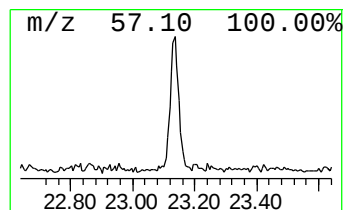
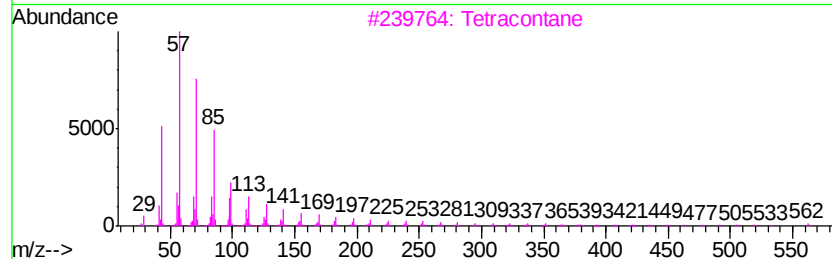
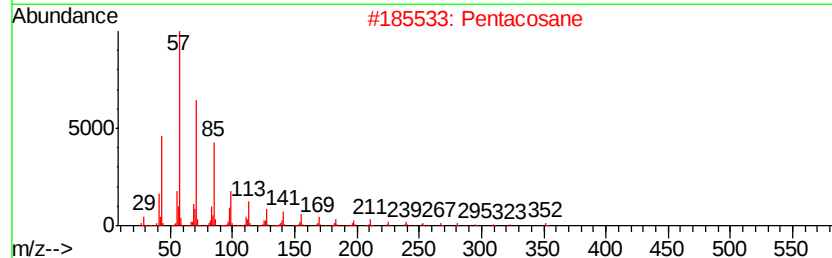
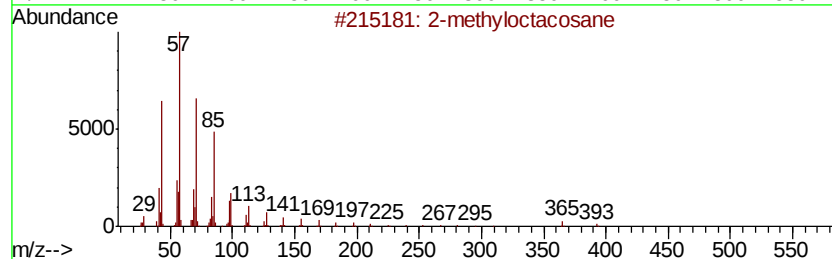
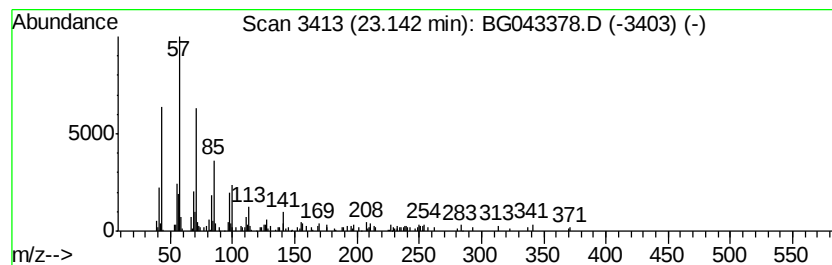
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.14	3.60 ng	175778	Chrysene-d12	21.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	87
2		Pentacosane	352	C25H52	000629-99-2	87
3		Tetracontane	563	C40H82	004181-95-7	87
4		Docosane, 11-decyl-	451	C32H66	055401-55-3	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
Data File : BG043378.D
Acq On : 29 Oct 2019 17:40
Operator : JU
Sample : K5564-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-1

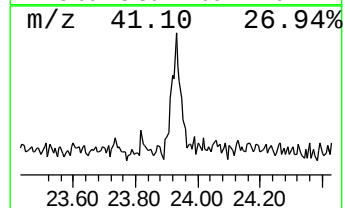
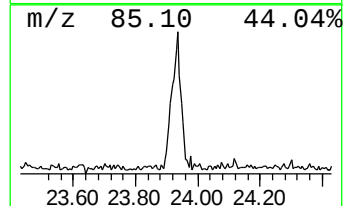
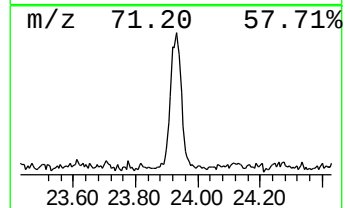
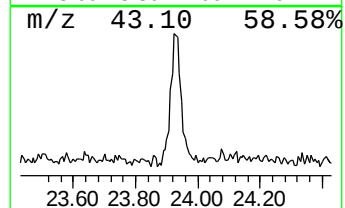
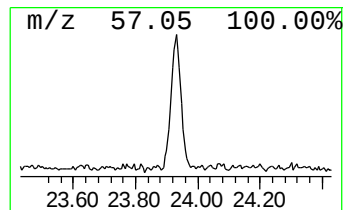
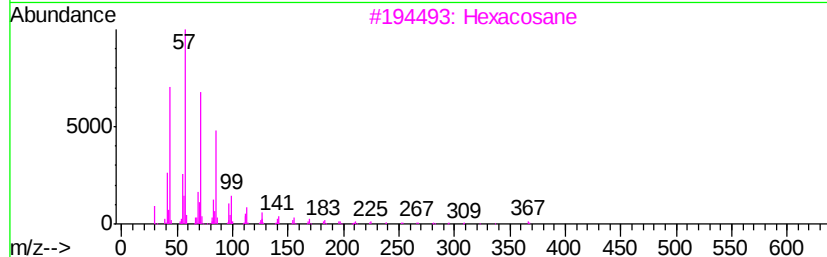
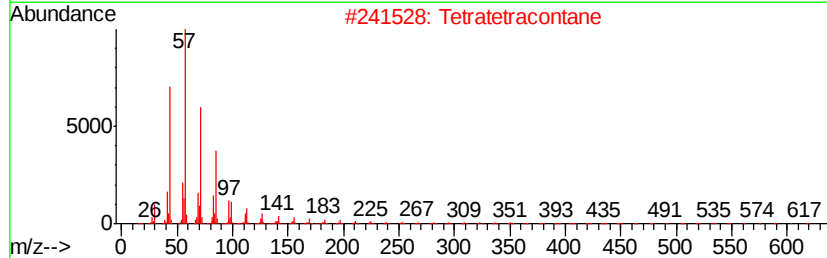
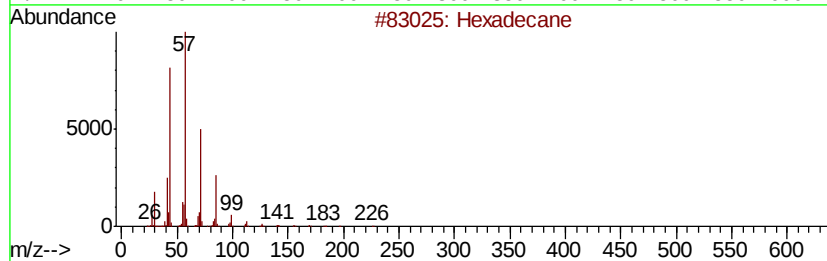
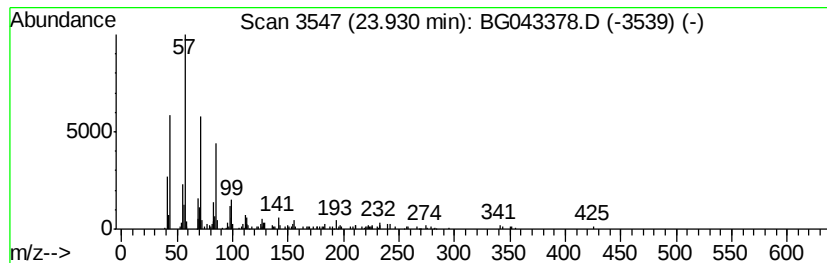
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetratetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	3.54 ng	190667	Perylene-d12	24.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	94
2			Tetratetracontane	619	C44H90	007098-22-8	90
3			Hexacosane	366	C26H54	000630-01-3	90
4			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
5			Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
Data File : BG043378.D
Acq On : 29 Oct 2019 17:40
Operator : JU
Sample : K5564-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-1

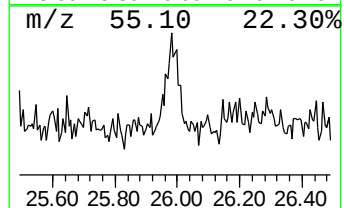
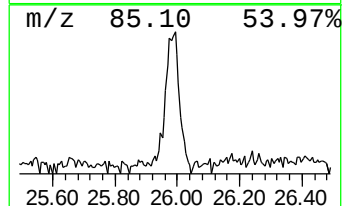
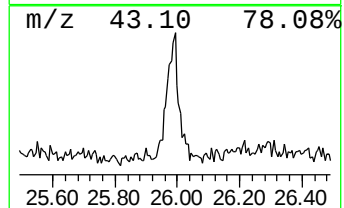
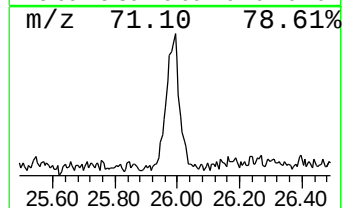
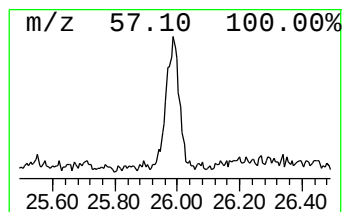
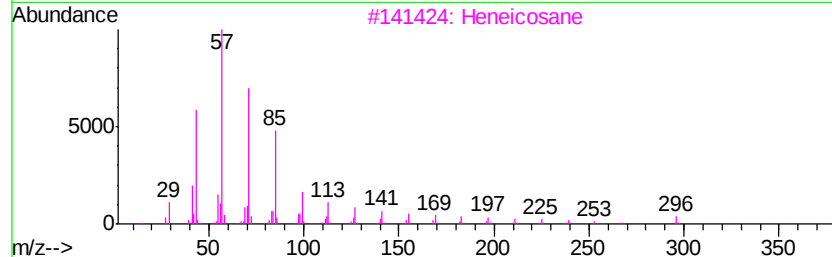
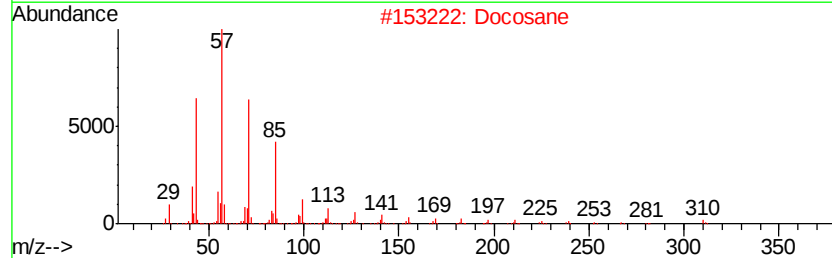
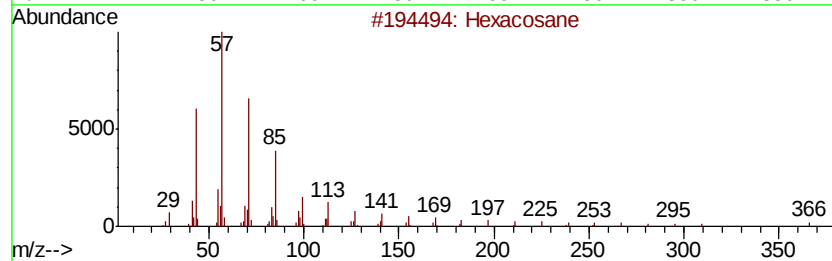
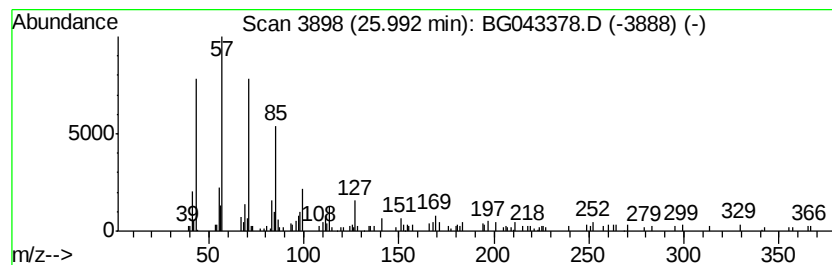
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.99	2.38 ng	127954	Perylene-d12	24.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Docosane	310	C22H46	000629-97-0	86
3		Heneicosane	296	C21H44	000629-94-7	86
4		Eicosane	282	C20H42	000112-95-8	86
5		Octacosane	394	C28H58	000630-02-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102919\
Data File : BG043378.D
Acq On : 29 Oct 2019 17:40
Operator : JU
Sample : K5564-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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
Butane, 2-methoxy...	3.19	18.1	ng	246920	1	8.02	272038	20.0
2-Pentanone, 4-hy...	5.13	17.0	ng	231236	1	8.02	272038	20.0
unknown7.57	7.57	95.3	ng	1295700	1	8.02	272038	20.0
n-Hexadecanoic acid	18.28	4.5	ng	152758	4	17.39	681706	20.0
Dotriacontyl hept...	21.31	4.0	ng	197166	5	21.66	977555	20.0
Hexadecane	22.45	2.1	ng	102824	5	21.66	977555	20.0
2-methyloctacosane	23.14	3.6	ng	175778	5	21.66	977555	20.0
Tetratetracontane	23.93	3.5	ng	190667	6	24.85	1076610	20.0
Hexacosane	25.99	2.4	ng	127954	6	24.85	1076610	20.0