

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
 Data File : BP001474.D
 Acq On : 27 Dec 2019 23:16
 Operator : JU
 Sample : K6431-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-4-(5-6)

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_P\METHODS\8270-BP121919.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	5.599	591	597	611	rVB	90954	152522	11.27%	1.664%
2	6.211	694	701	712	rBV	575541	766036	56.62%	8.358%
3	7.752	956	963	977	rBV	618382	840620	62.13%	9.172%
4	7.928	987	993	1006	rVB	711040	876129	64.75%	9.559%
5	8.281	1048	1053	1061	rBV	133287	150537	11.13%	1.642%
6	8.528	1089	1095	1099	rBV	590175	694762	51.35%	7.580%
7	9.169	1197	1204	1219	rBV	428995	539716	39.89%	5.889%
8	10.316	1394	1399	1408	rBV	139340	174569	12.90%	1.905%
9	12.099	1695	1702	1725	rBV	864349	1075009	79.45%	11.729%
10	12.769	1810	1816	1828	rBV	63344	93349	6.90%	1.019%
11	13.175	1879	1885	1897	rBV	166646	221898	16.40%	2.421%
12	14.475	2099	2106	2131	rBV	623956	841258	62.18%	9.179%
13	15.575	2288	2293	2304	rBV	200252	249864	18.47%	2.726%
14	16.469	2440	2445	2456	rBV2	50409	70811	5.23%	0.773%
15	17.863	2676	2682	2686	rBV	1312520	1353008	100.00%	14.762%
16	18.675	2817	2820	2823	rBV	14448	13647	1.01%	0.149%
17	19.122	2886	2896	2908	rBV6	45084	173855	12.85%	1.897%
18	19.222	2908	2913	2922	rVB	203522	251935	18.62%	2.749%
19	19.504	2957	2961	2966	rBV	31768	34975	2.58%	0.382%
20	19.898	3021	3028	3032	rBV	41513	46915	3.47%	0.512%
21	20.275	3088	3092	3098	rVB	46965	53344	3.94%	0.582%
22	20.663	3152	3158	3165	rBV	43838	56516	4.18%	0.617%
23	20.986	3207	3213	3225	rVB	150787	226310	16.73%	2.469%
24	21.098	3226	3232	3240	rBV	34076	53387	3.95%	0.582%
25	21.586	3309	3315	3320	rBV2	27531	44053	3.26%	0.481%
26	21.722	3331	3338	3354	rBV2	15851	63589	4.70%	0.694%
27	22.151	3403	3411	3417	rBV2	15377	32301	2.39%	0.352%
28	22.804	3517	3522	3530	rBV3	6579	14377	1.06%	0.157%

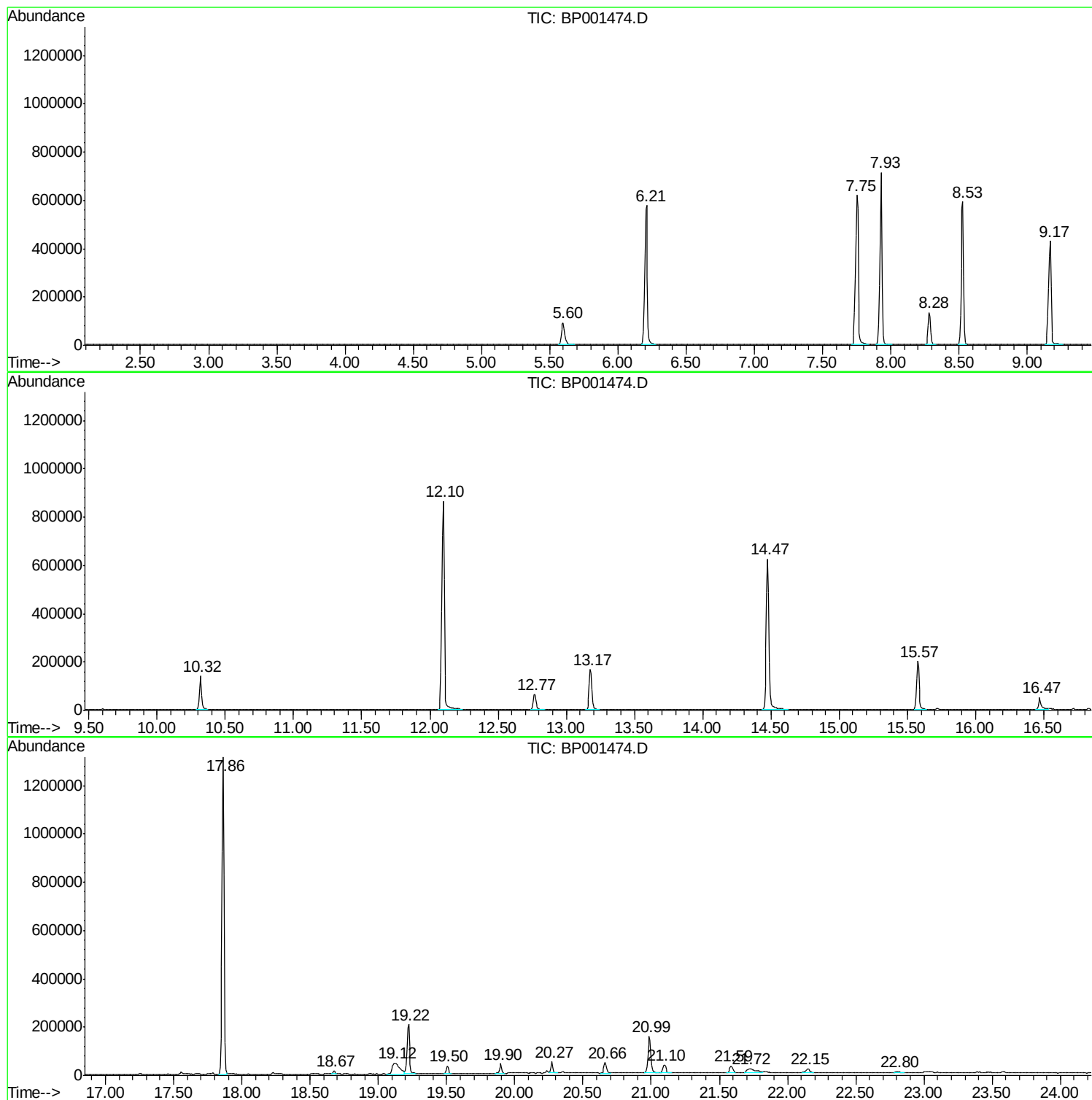
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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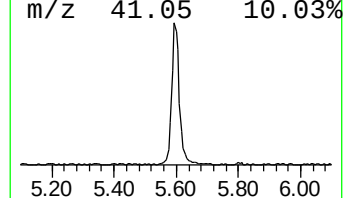
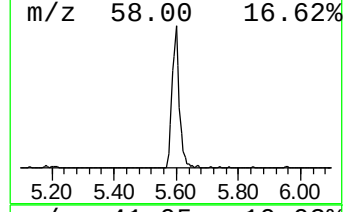
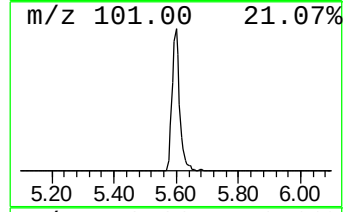
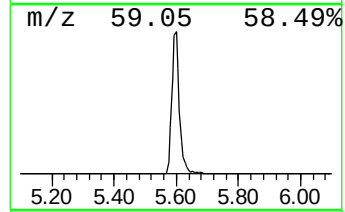
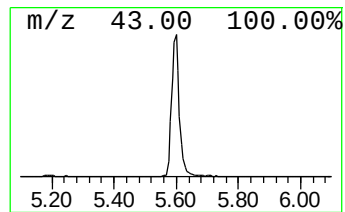
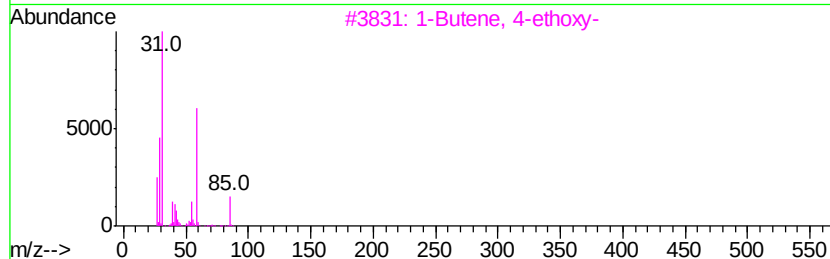
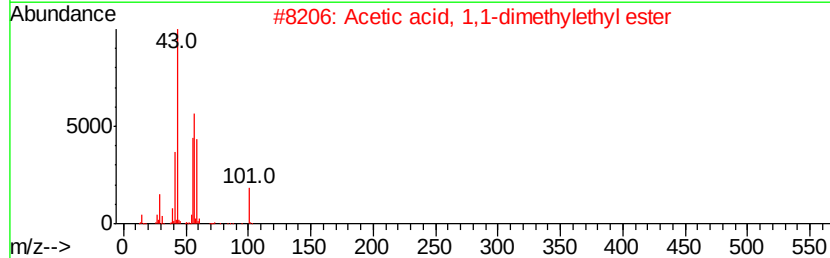
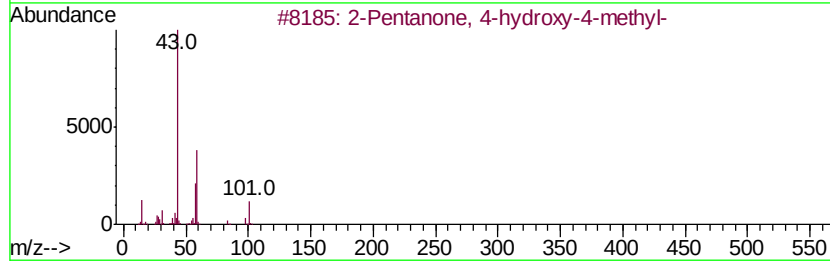
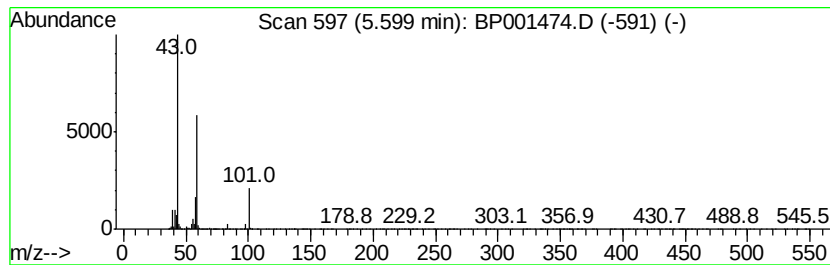
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	20.26 ng	152522	1,4-Dichlorobenzene-d4	8.28

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	17
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
5		Acetone	58	C3H6O	000067-64-1	9



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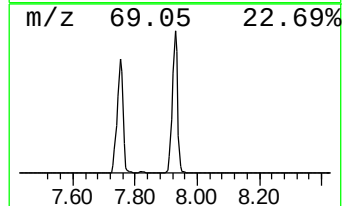
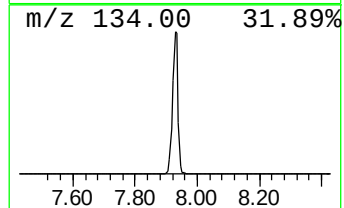
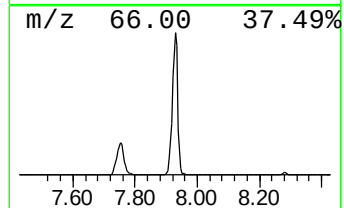
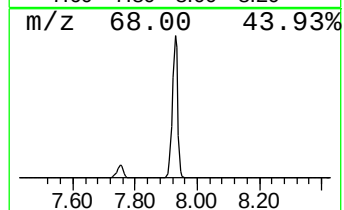
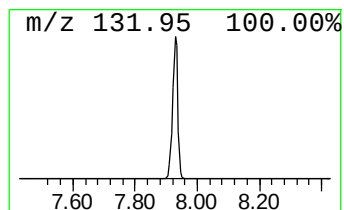
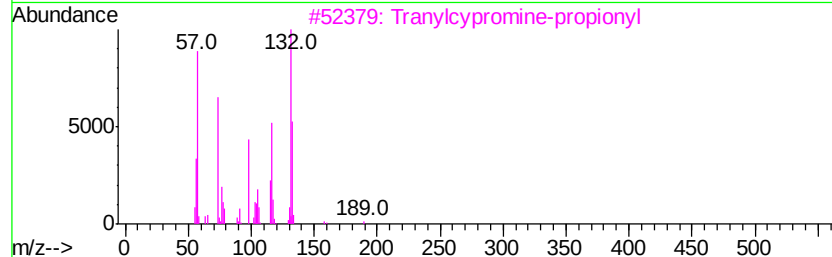
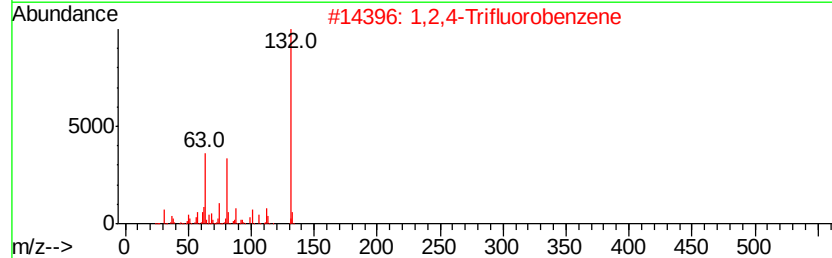
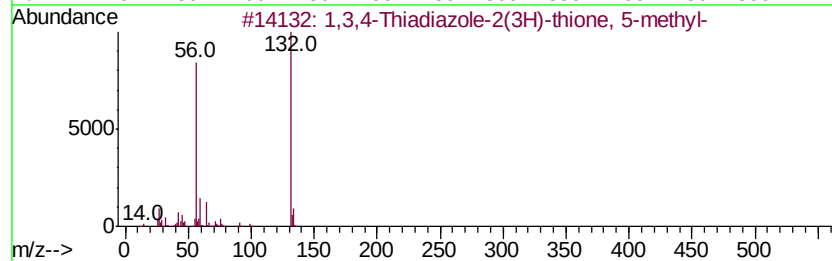
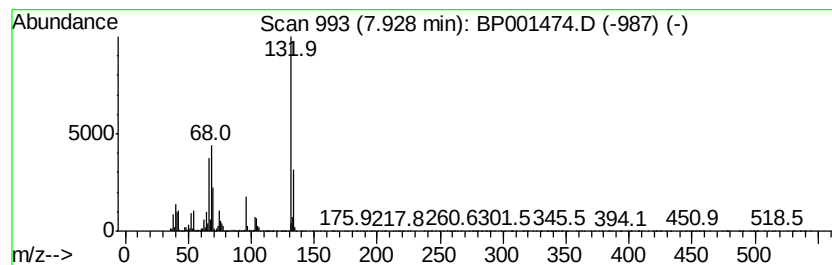
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown7.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	116.40 ng	876129	1,4-Dichlorobenzene-d4	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	27
2		1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	22
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	22
4		2H-Cyclopentafldpyridazine, 2-me...	132	C8H8N2	022291-85-6	22
5		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	22



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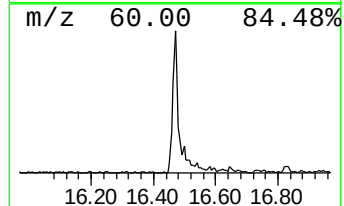
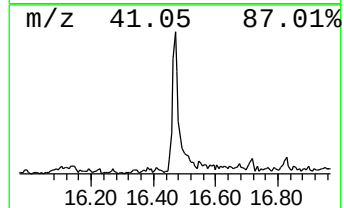
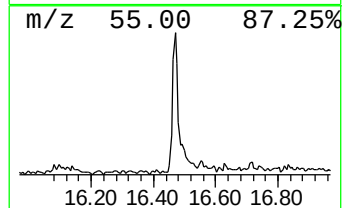
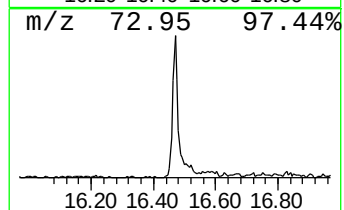
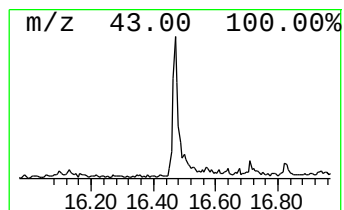
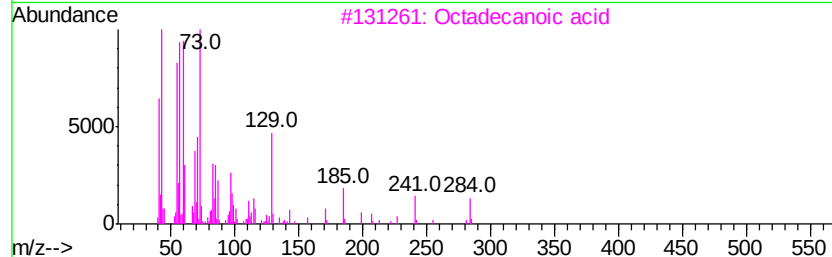
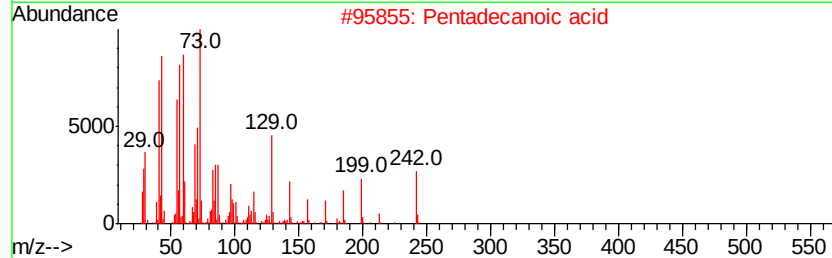
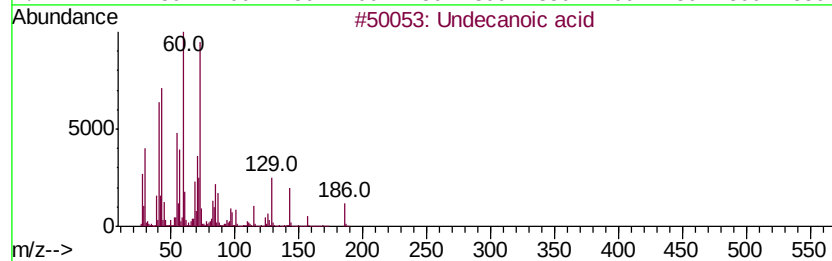
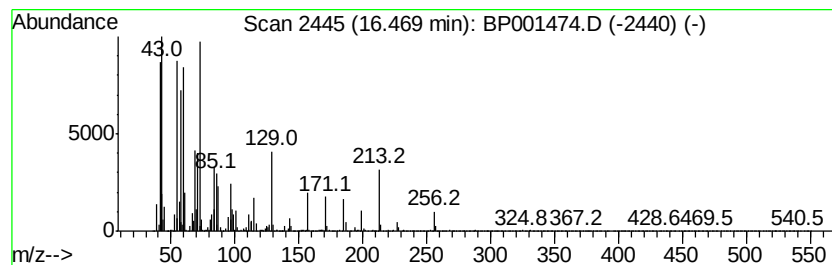
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Undecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.47	5.67 ng	70811	Phenanthrene-d10		15.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecanoic acid	186	C11H22O2	000112-37-8	83
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3			Octadecanoic acid	284	C18H36O2	000057-11-4	81
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
5			n-Decanoic acid	172	C10H20O2	000334-48-5	76



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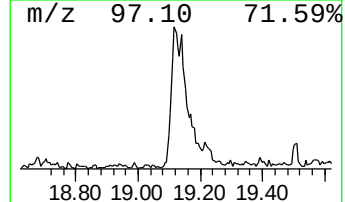
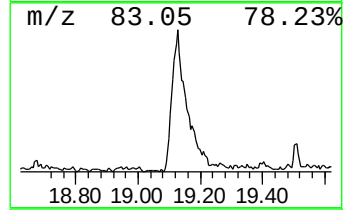
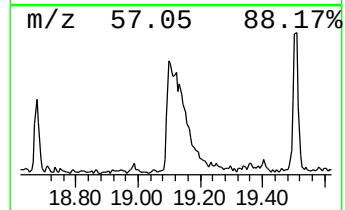
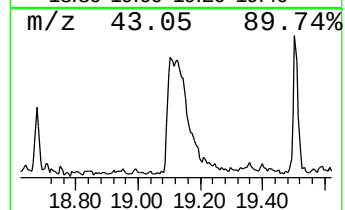
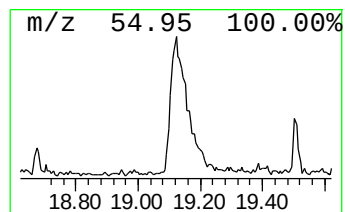
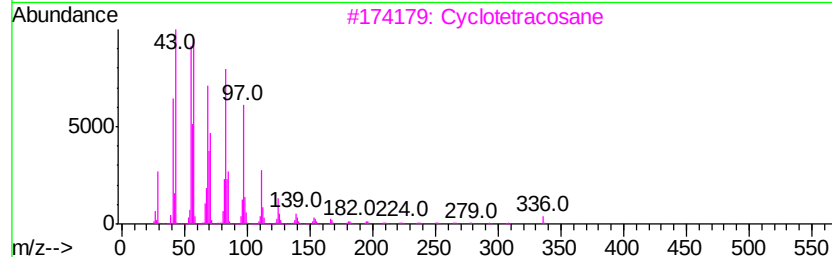
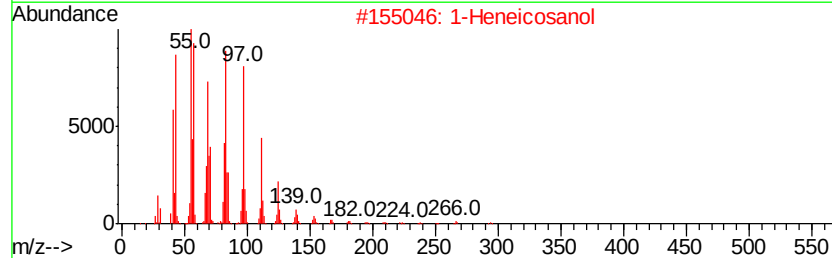
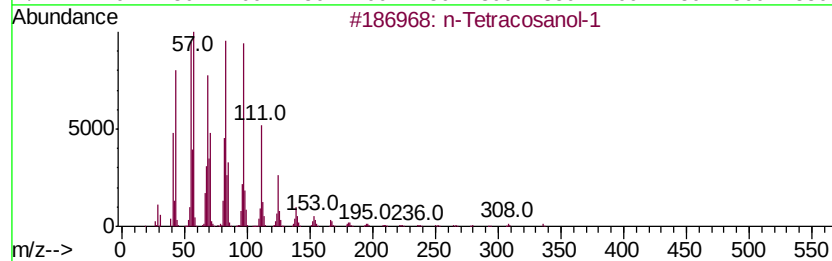
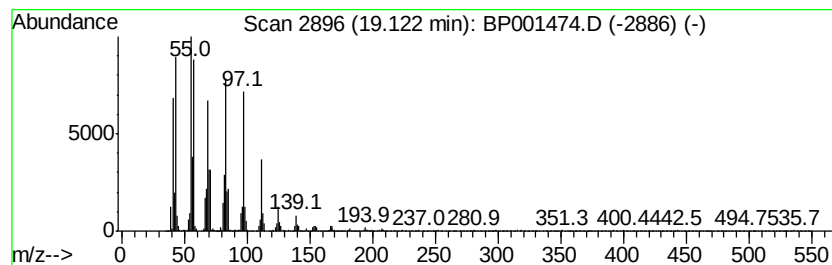
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.12	13.80 ng	173855	Chrysene-d12		19.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1		354	C24H50O	000506-51-4	91
2	1-Heneicosanol		312	C21H44O	015594-90-8	91
3	Cyclotetracosane		336	C24H48	000297-03-0	90
4	Cyclooctacosane		392	C28H56	000297-24-5	90
5	Triacetyl acetate		480	C32H64O2	041755-58-2	87



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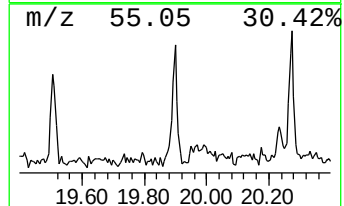
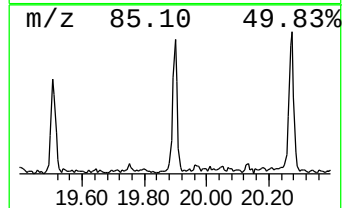
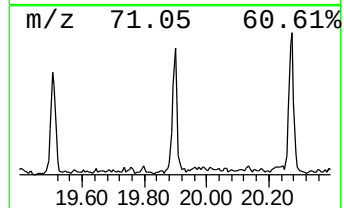
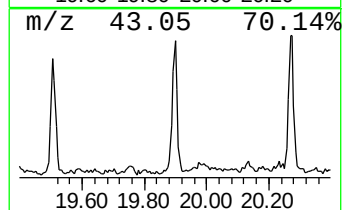
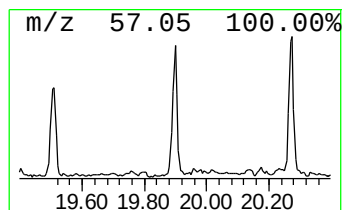
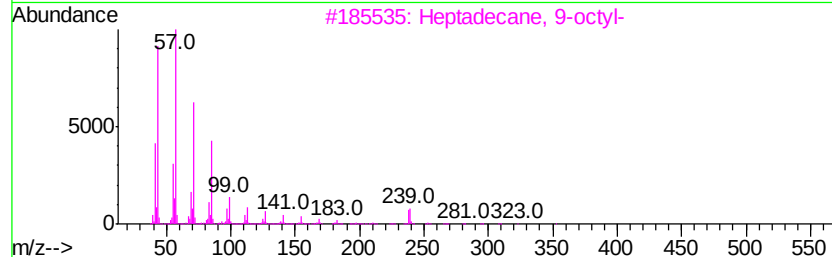
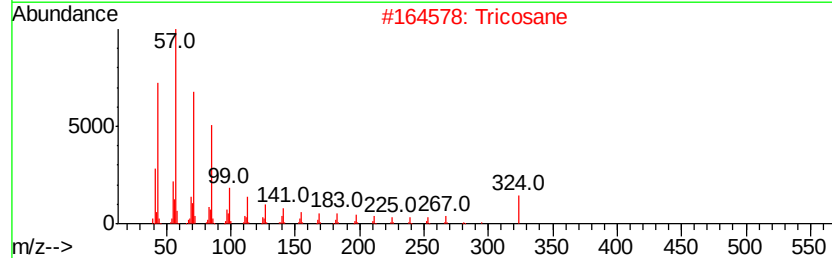
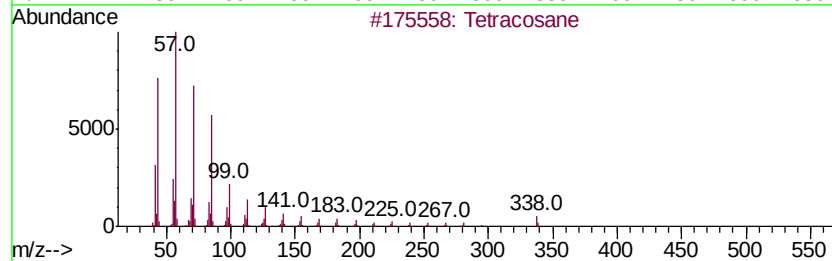
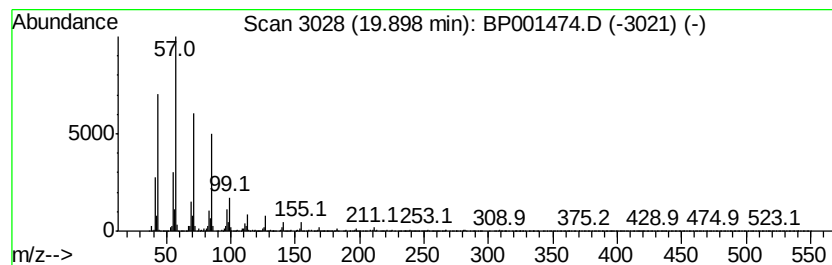
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	3.72 ng	46915	Chrysene-d12	19.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	97
2		Tricosane	324	C23H48	000638-67-5	95
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	93
5		Eicosane, 9-octyl-	394	C28H58	013475-77-9	93



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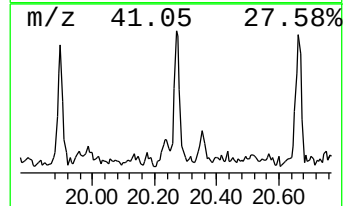
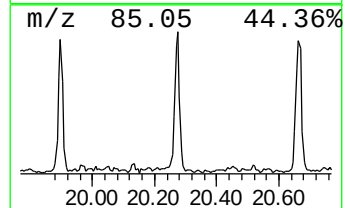
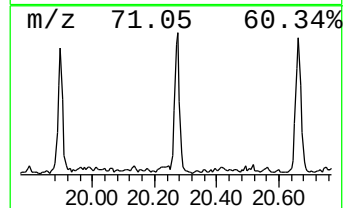
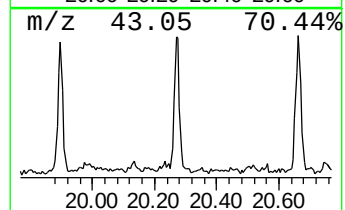
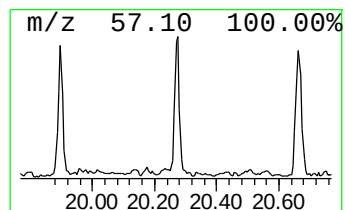
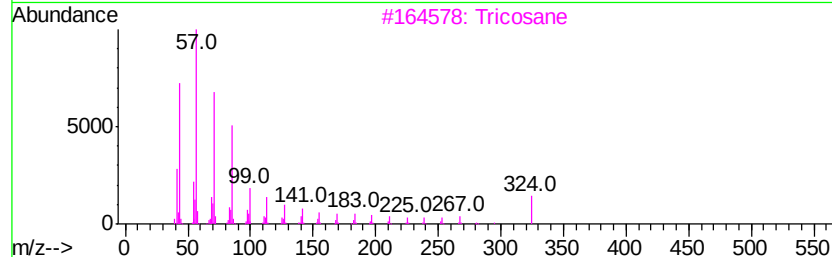
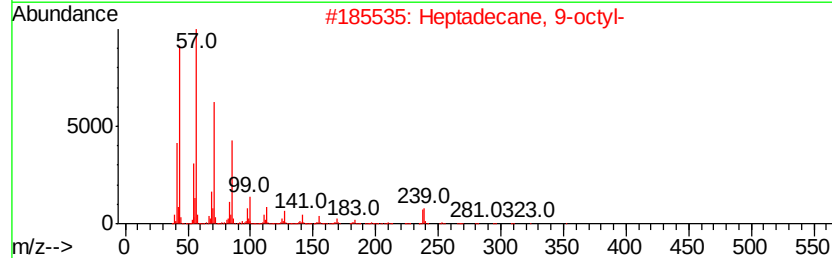
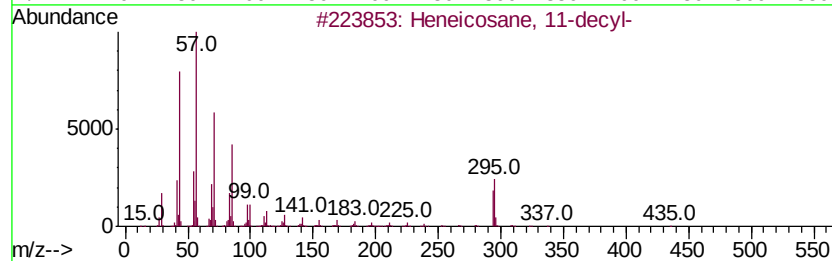
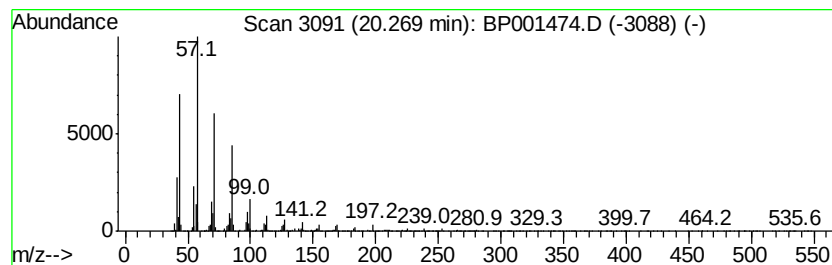
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ClientSampleId :
SB-4-(5-6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane, 11-decyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.27	4.71 ng	53344	Perylene-d12		20.99	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	95
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3		Tricosane	324	C23H48	000638-67-5	93
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001474.D
Acq On : 27 Dec 2019 23:16
Operator : JU
Sample : K6431-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4-(5-6)

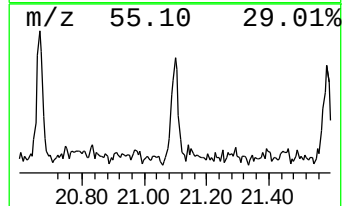
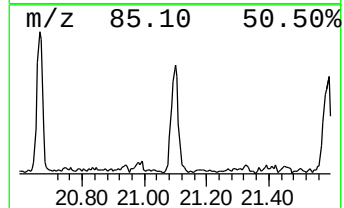
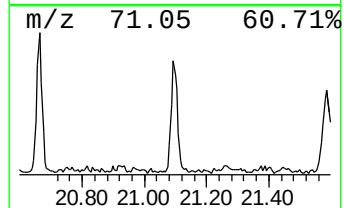
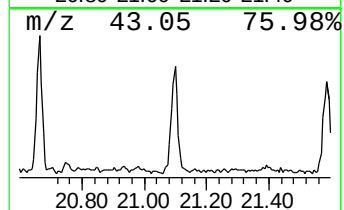
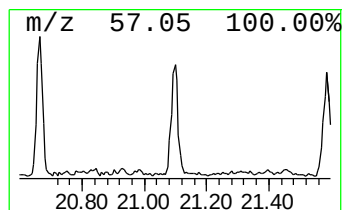
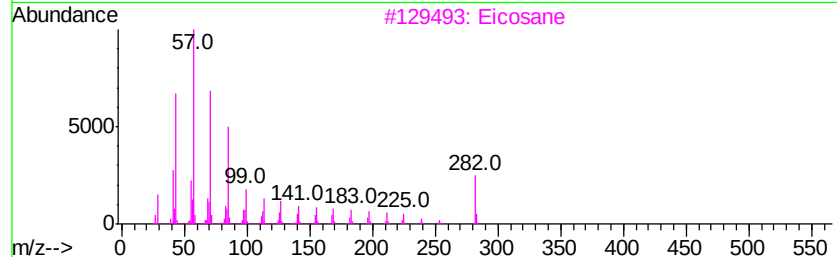
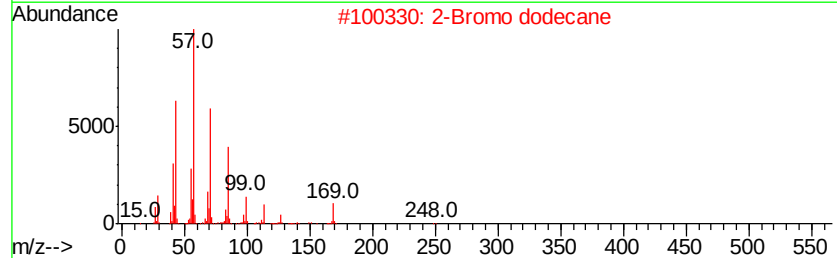
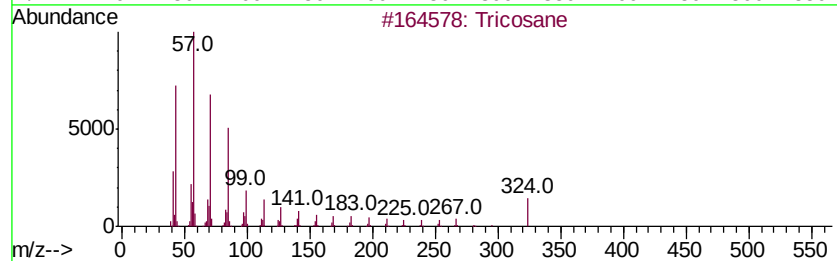
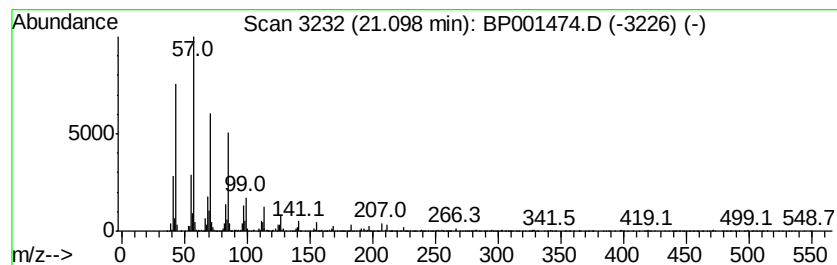
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tricosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	4.72 ng	53387	Perylene-d12	20.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane		324	C23H48	000638-67-5	97
2	2-Bromo dodecane		248	C12H25Br	013187-99-0	93
3	Eicosane		282	C20H42	000112-95-8	91
4	Tetratriacontane		479	C34H70	014167-59-0	90
5	Triacontane		422	C30H62	000638-68-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001474.D
Acq On : 27 Dec 2019 23:16
Operator : JU
Sample : K6431-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-4-(5-6)

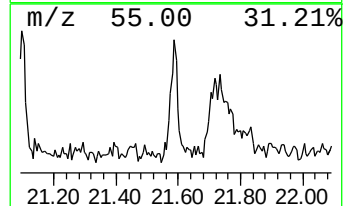
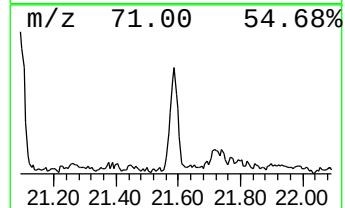
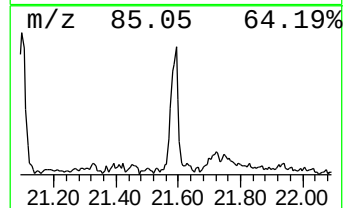
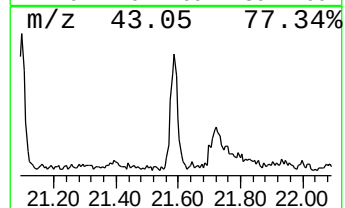
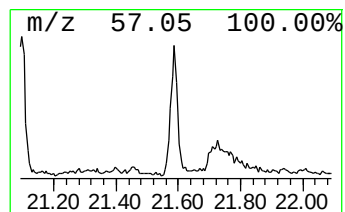
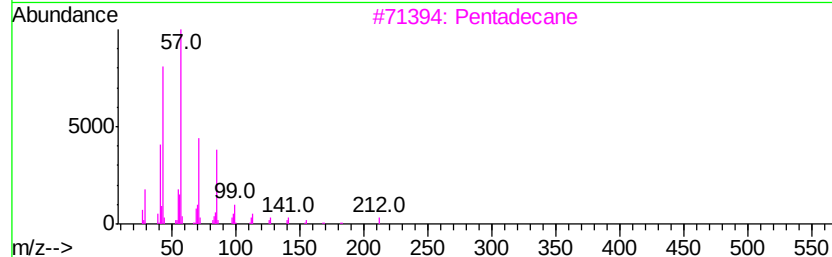
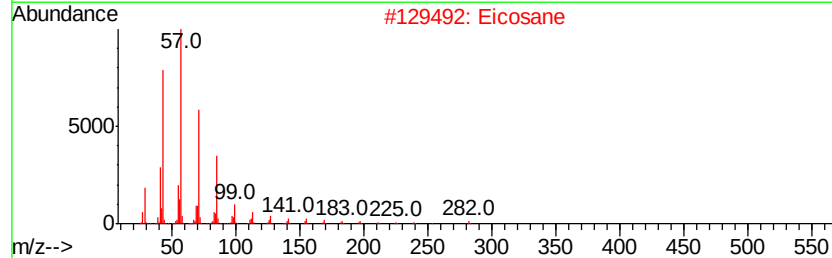
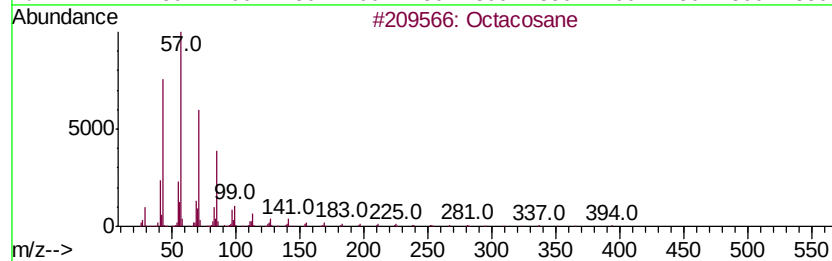
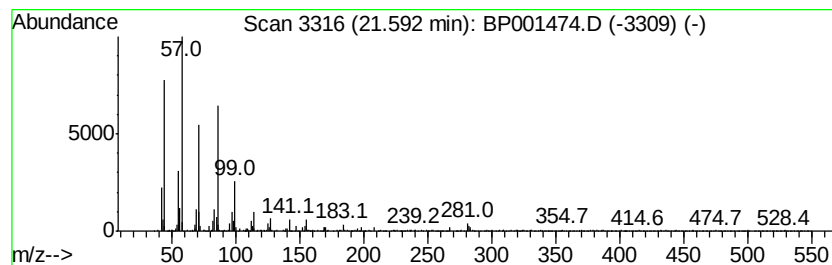
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	3.89 ng	44053	Perylene-d12	20.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	97
2			Eicosane	282	C20H42	000112-95-8	92
3			Pentadecane	212	C15H32	000629-62-9	87
4			Tetratetracontane	619	C44H90	007098-22-8	87
5			Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001474.D
Acq On : 27 Dec 2019 23:16
Operator : JU
Sample : K6431-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4-(5-6)

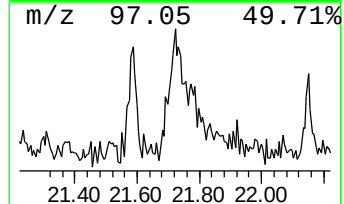
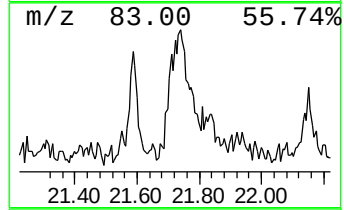
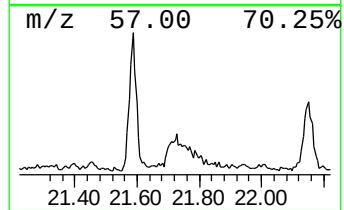
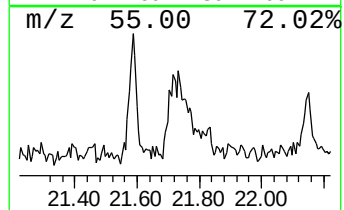
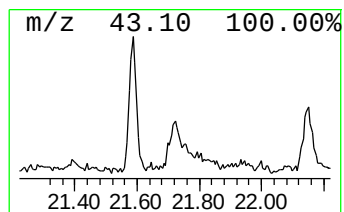
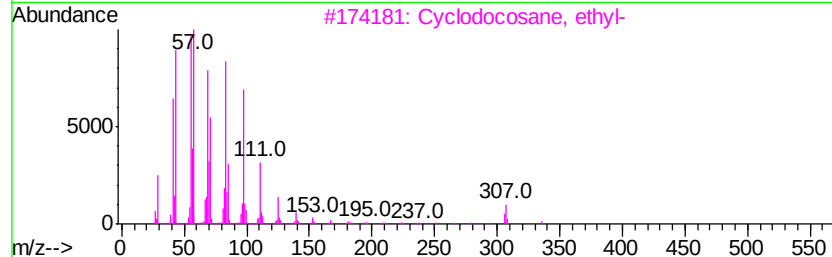
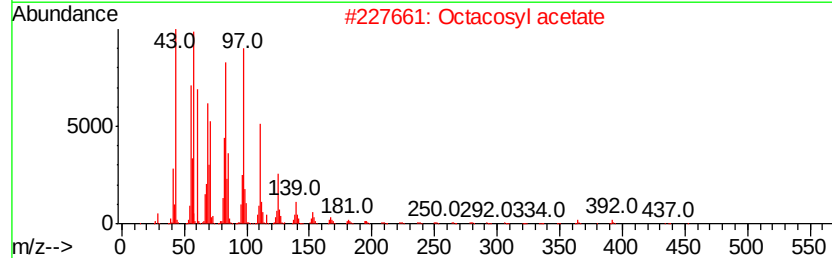
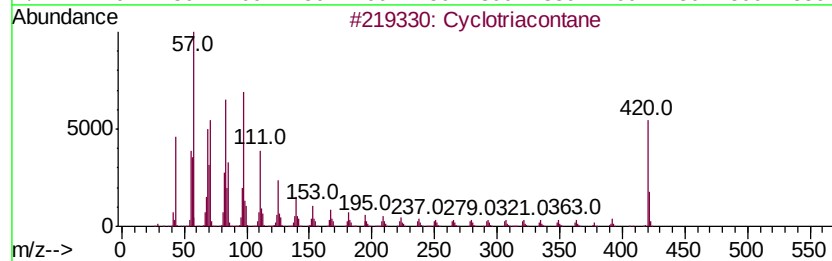
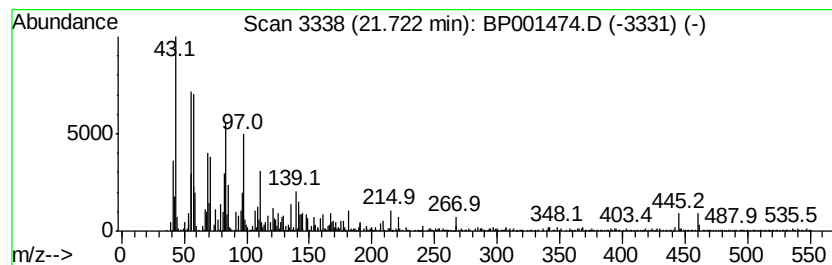
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclotriacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.72	5.62 ng	63589	Perylene-d12	20.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotriacontane	420	C30H60	000297-35-8	72
2			Octacosyl acetate	452	C30H60O2	018206-97-8	68
3			Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	55
4			trans-5-Methyl-2-isopropyl-2-hex...	154	C10H18O	1000139-66-1	46
5			Decane, 5,6-bis(2,2-dimethylprop...	278	C20H38	073002-85-4	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001474.D
Acq On : 27 Dec 2019 23:16
Operator : JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-4-(5-6)

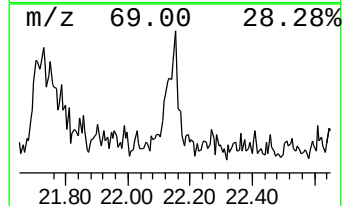
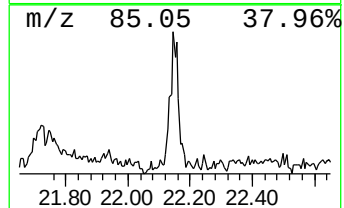
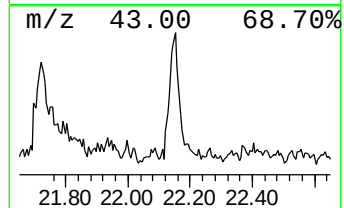
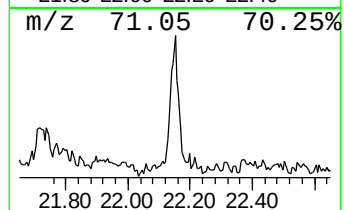
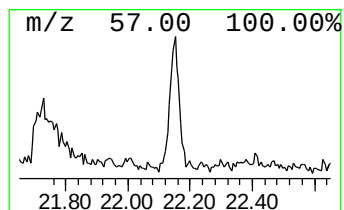
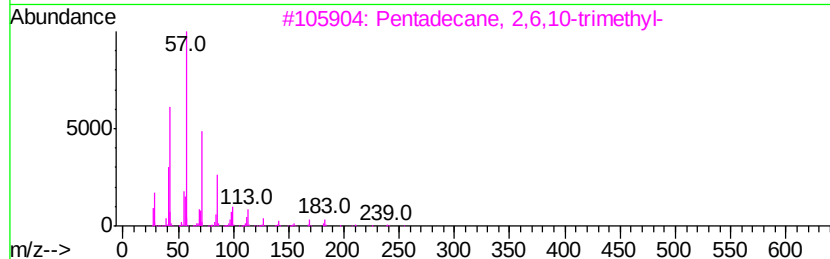
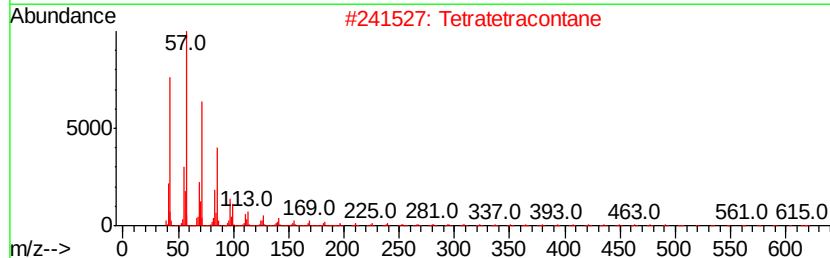
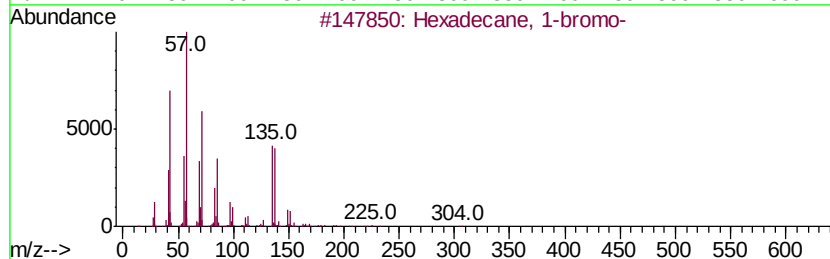
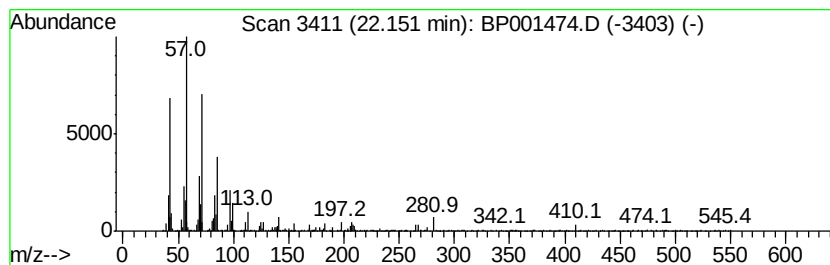
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecane, 1-bromo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.15	2.85 ng	32301	Perylene-d12	20.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	92
2			Tetratetracontane	619	C44H90	007098-22-8	70
3			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
4			Heptadecane	240	C17H36	000629-78-7	64
5			Octacosane	394	C28H58	000630-02-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122719\
 Data File : BP001474.D
 Acq On : 27 Dec 2019 23:16
 Operator : JU
 Sample : K6431-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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
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unknown7.93	7.93	116.4	ng	876129	1	8.28	150537	20.0
Undecanoic acid	16.47	5.7	ng	70811	4	15.57	249864	20.0
n-Tetracosanol-1	19.12	13.8	ng	173855	5	19.22	251935	20.0
Tetracosane	19.90	3.7	ng	46915	5	19.22	251935	20.0
Heneicosane, 11-d...	20.27	4.7	ng	53344	6	20.99	226310	20.0
Tricosane	21.10	4.7	ng	53387	6	20.99	226310	20.0
Octacosane	21.59	3.9	ng	44053	6	20.99	226310	20.0
Cyclotriacontane	21.72	5.6	ng	63589	6	20.99	226310	20.0
Hexadecane, 1-bromo-	22.15	2.9	ng	32301	6	20.99	226310	20.0