

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
 Data File : BP000249.D
 Acq On : 16 Sep 2019 20:23
 Operator : HP/JU
 Sample : K4861-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-11-S(1.5-4)

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-BP091619.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	4.993	487	494	503	rVB	216517	263842	3.20%	0.407%
2	5.405	559	564	567	rBV	5236964	4827491	58.62%	7.442%
3	6.417	731	736	741	rBV	5475263	5265140	63.93%	8.116%
4	6.558	755	760	763	rBV	6038941	5315695	64.54%	8.194%
5	6.787	795	799	802	rBV	2190233	1633710	19.84%	2.518%
6	6.946	822	826	829	rBV	5502308	4484845	54.46%	6.914%
7	7.346	889	894	897	rBV	3760572	3242662	39.37%	4.999%
8	8.069	1013	1017	1020	rBV	2764811	2108447	25.60%	3.250%
9	9.146	1196	1200	1203	rBV	8457211	7090422	86.09%	10.930%
10	9.540	1264	1267	1270	rBV	898950	648285	7.87%	0.999%
11	9.828	1312	1316	1319	rBV	3314667	2627631	31.91%	4.051%
12	10.616	1446	1450	1454	rBV	4949740	4724734	57.37%	7.283%
13	11.322	1566	1570	1573	rBV	3599676	2890138	35.09%	4.455%
14	11.393	1577	1582	1585	rVB2	90215	91448	1.11%	0.141%
15	11.857	1658	1661	1672	rBV	419295	464620	5.64%	0.716%
16	12.546	1774	1778	1781	rBV	134629	125169	1.52%	0.193%
17	12.652	1793	1796	1802	rBV	106845	120217	1.46%	0.185%
18	12.775	1810	1817	1820	rBV	111004	125128	1.52%	0.193%
19	12.928	1838	1843	1846	rBV	8877081	8235651	100.00%	12.696%
20	13.846	1995	1999	2016	rBV	484370	658564	8.00%	1.015%
21	13.987	2018	2023	2026	rBV	3422237	2958803	35.93%	4.561%
22	14.169	2050	2054	2058	rBV	228274	210709	2.56%	0.325%
23	14.481	2104	2107	2119	rVB	330054	406157	4.93%	0.626%
24	14.793	2156	2160	2167	rBV	468931	502092	6.10%	0.774%
25	14.863	2169	2172	2177	rVB	132387	128568	1.56%	0.198%
26	15.134	2214	2218	2223	rBV	605889	677606	8.23%	1.045%
27	15.469	2269	2275	2280	rBV	2375333	2905908	35.28%	4.480%
28	15.522	2280	2284	2296	rVB	622986	861943	10.47%	1.329%
29	15.969	2355	2360	2366	rBV	453527	676797	8.22%	1.043%
30	16.487	2443	2448	2461	rVB2	230008	449885	5.46%	0.694%
31	17.092	2547	2551	2558	rVB2	75031	147579	1.79%	0.228%

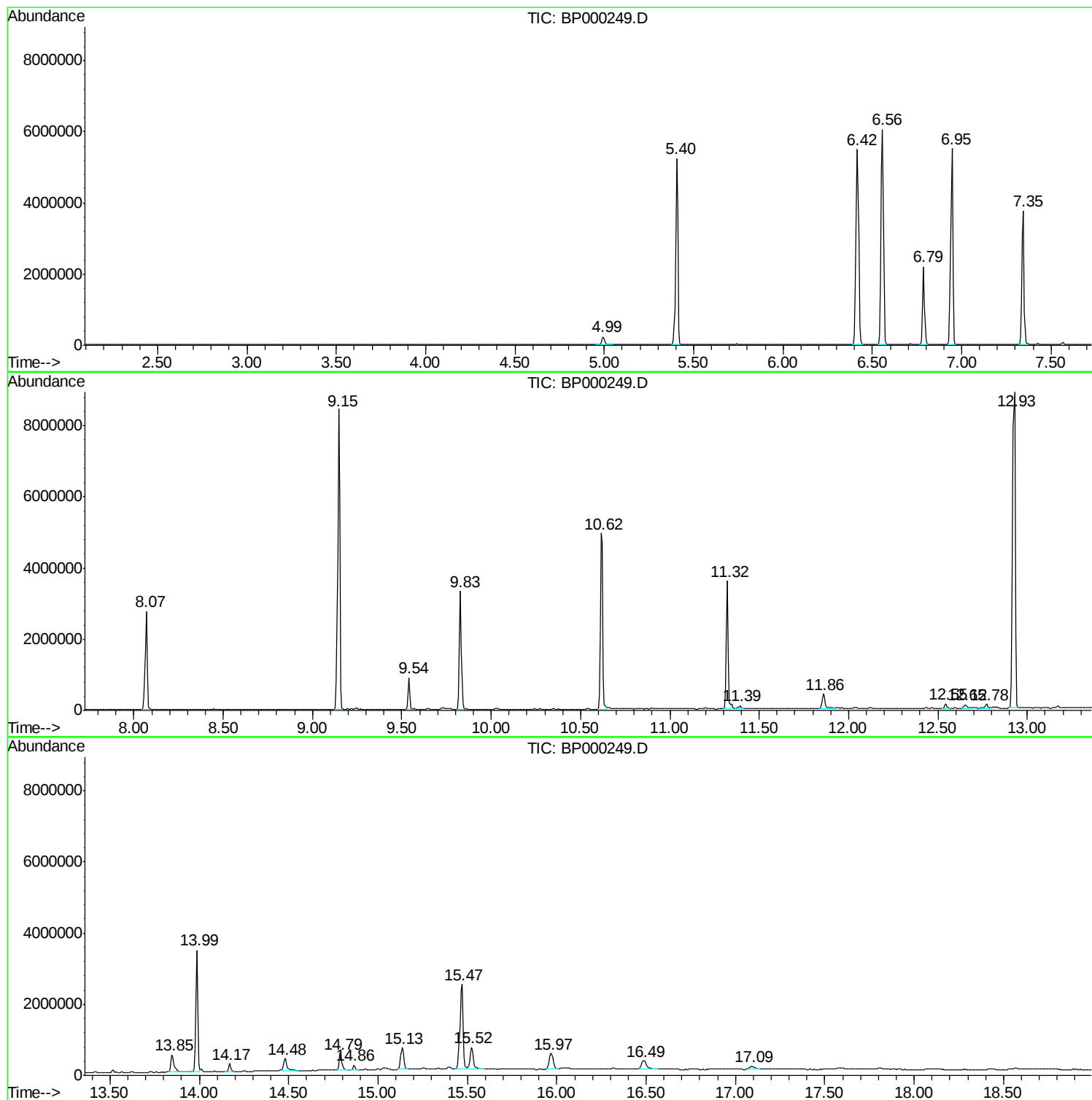
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ClientSampleId :
TP-11-S(1.5-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.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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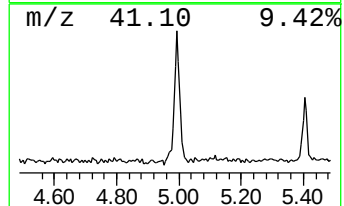
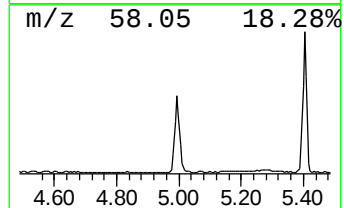
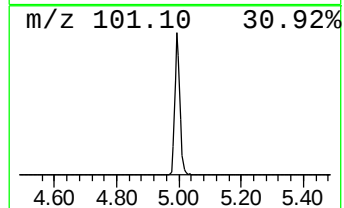
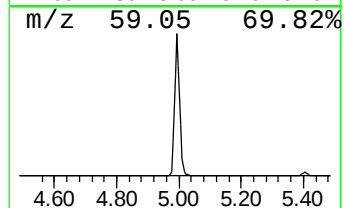
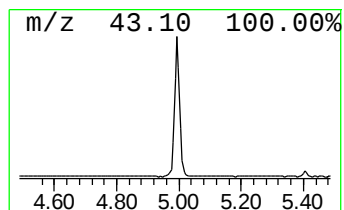
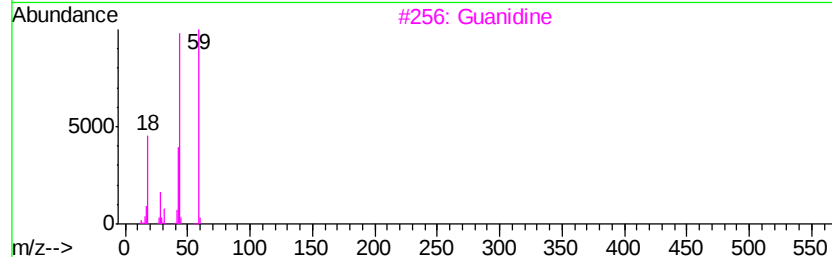
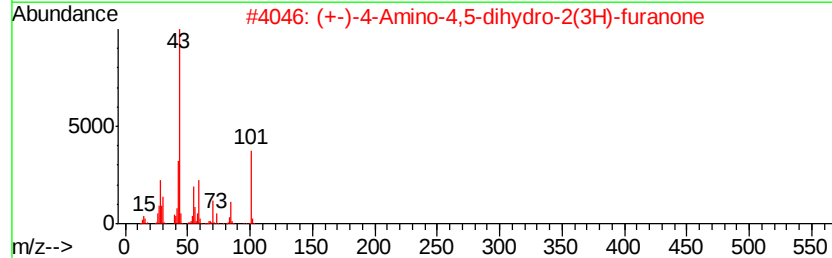
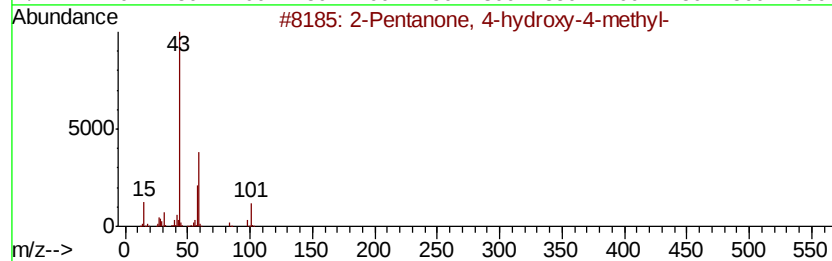
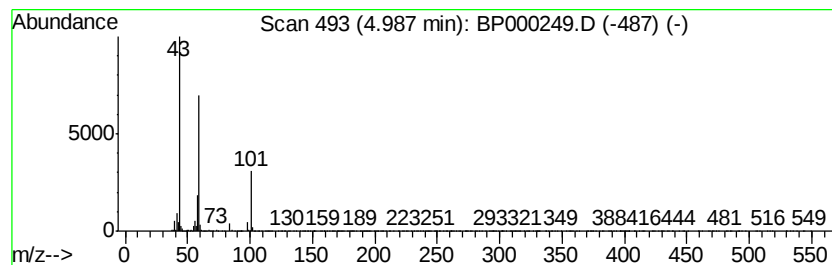
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	3.23 ng	263842	1,4-Dichlorobenzene-d4	6.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2			(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	43
3			Guanidine	59	CH5N3	000113-00-8	38
4			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
5			Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	12



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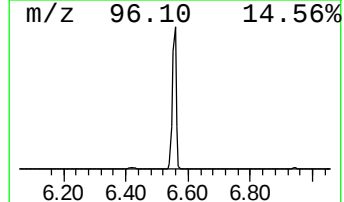
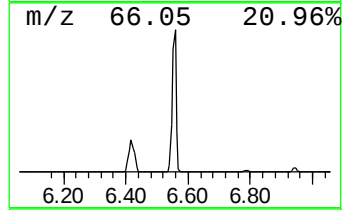
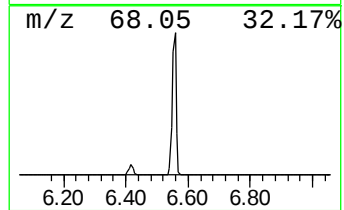
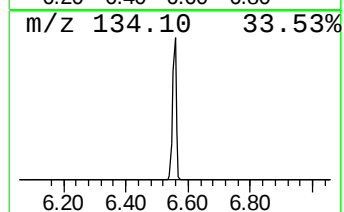
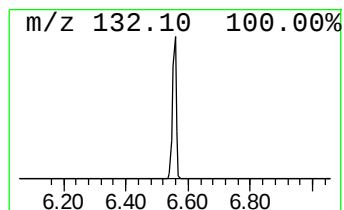
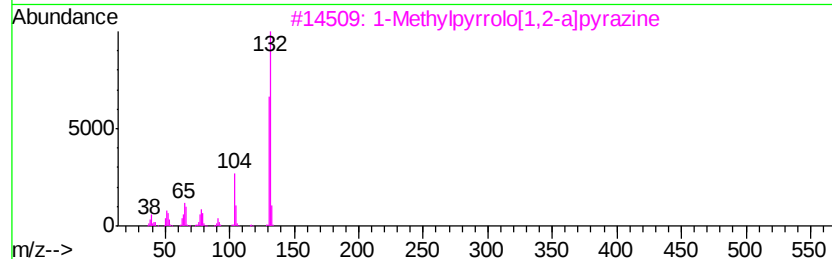
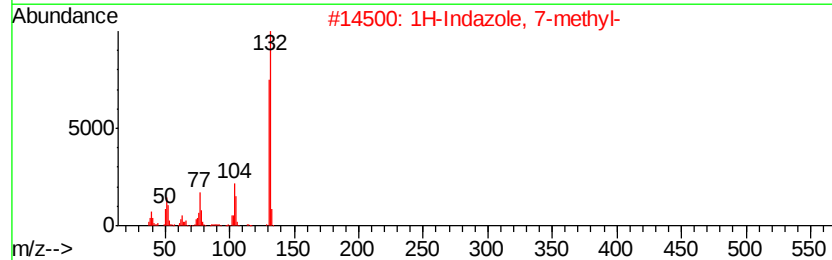
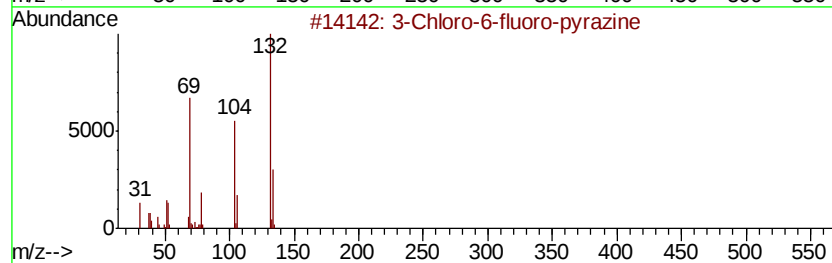
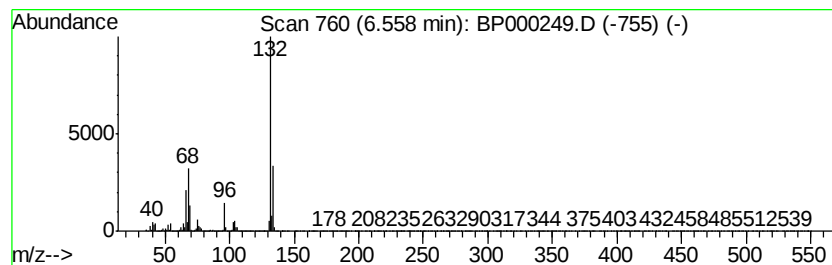
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Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	65.08 ng	5315700	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	12
3		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9



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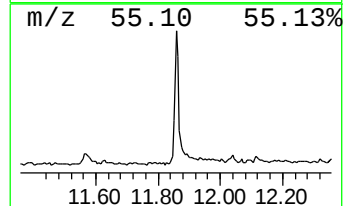
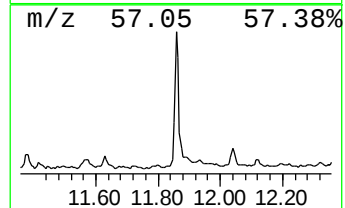
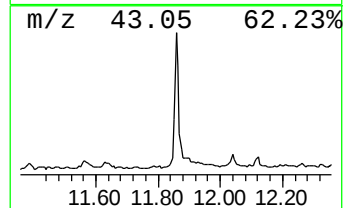
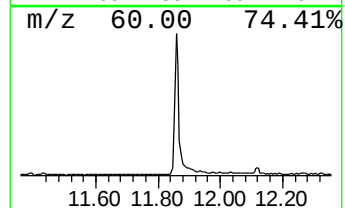
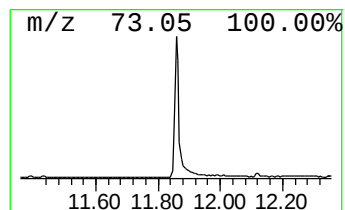
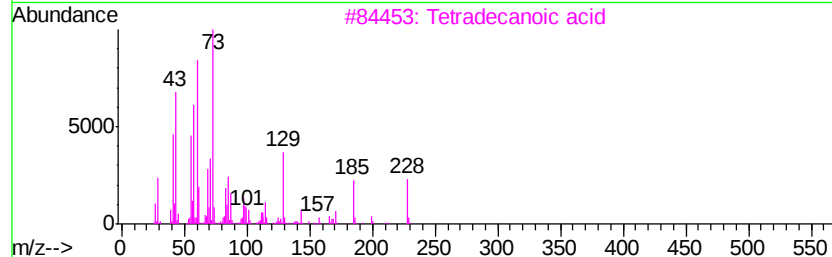
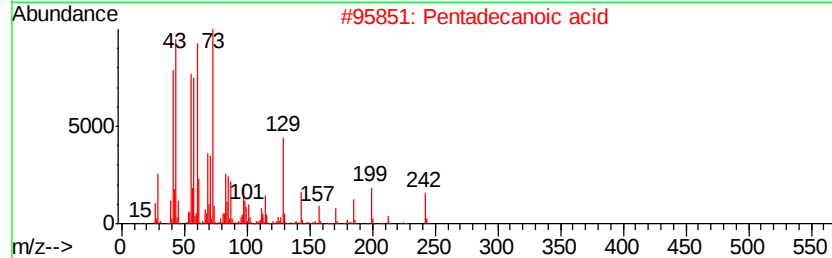
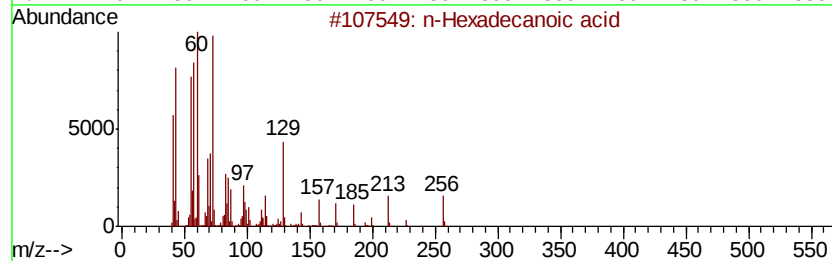
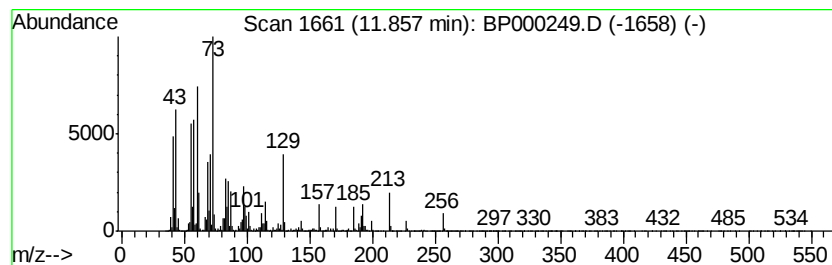
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.22 ng	464620	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80	
4	n-Decanoic acid	172	C10H20O2	000334-48-5	68	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	60	



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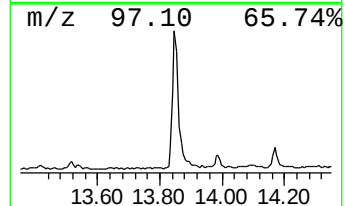
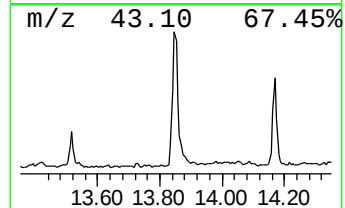
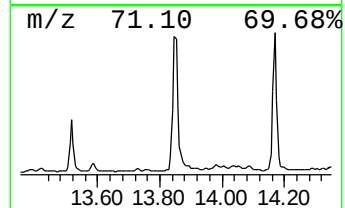
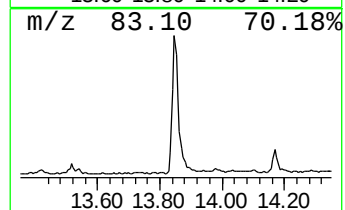
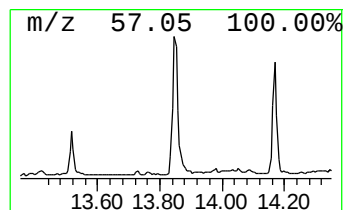
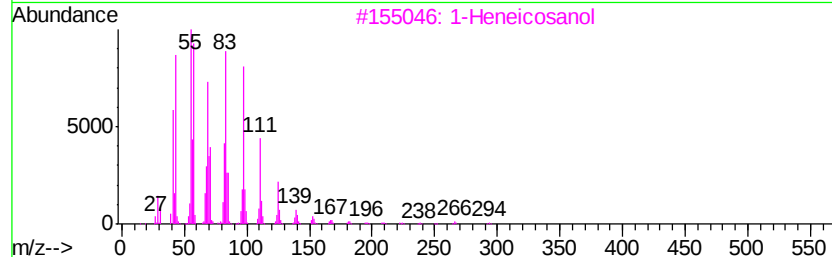
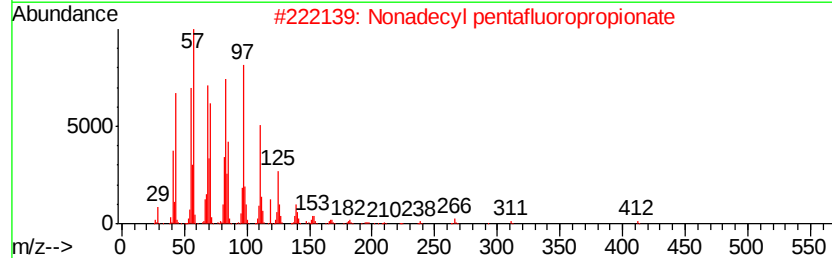
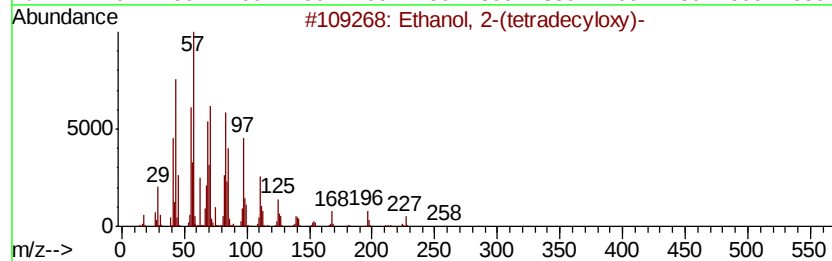
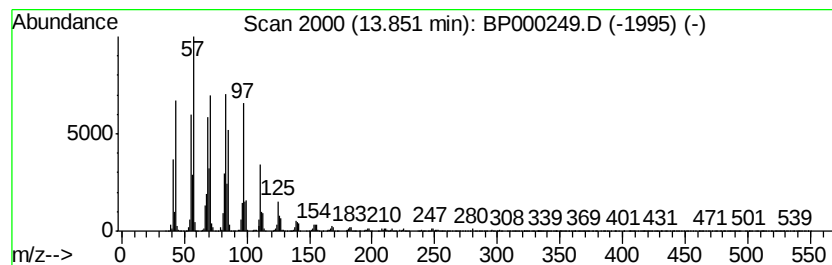
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Peak Number 5 Ethanol, 2-(tetradecyloxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	4.45 ng	658564	Chrysene-d12	13.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	95
2		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	94
3		1-Heneicosanol	312	C21H44O	015594-90-8	93
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
5		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90



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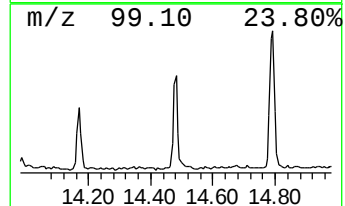
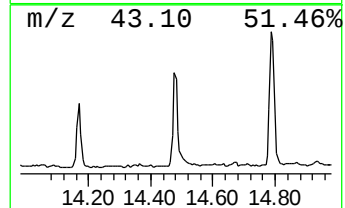
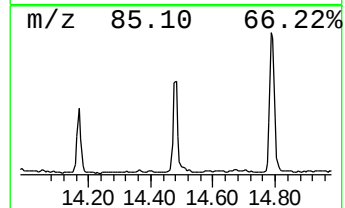
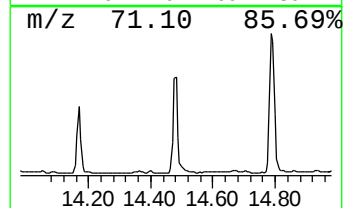
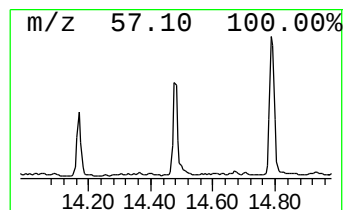
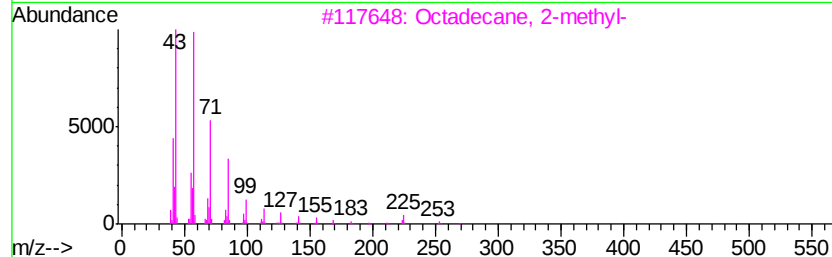
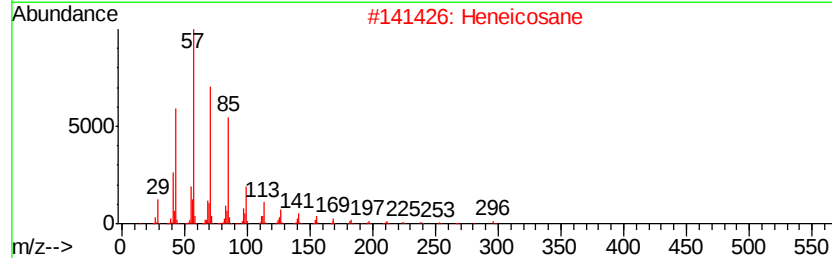
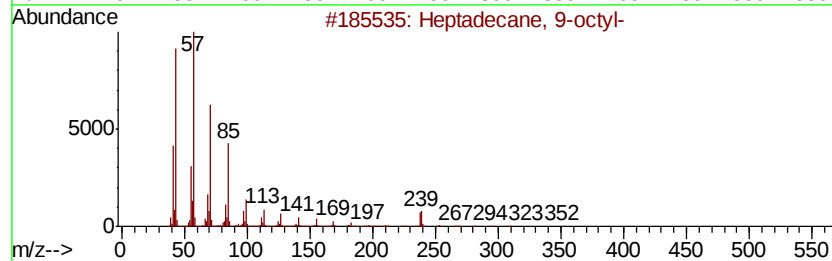
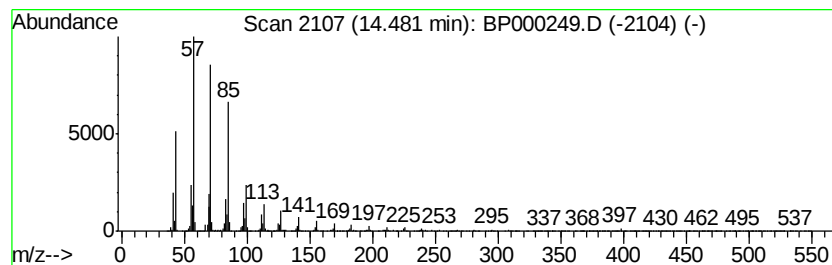
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptadecane, 9-octyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.		
14.48	2.75 ng	406157	Chrysene-d12		13.99		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2			Heneicosane	296	C21H44	000629-94-7	91
3			Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
4			2-methyloctacosane	408	C29H60	1000376-72-8	91
5			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



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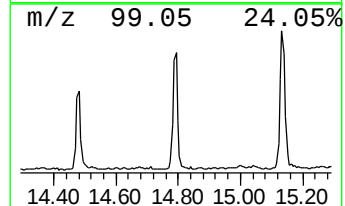
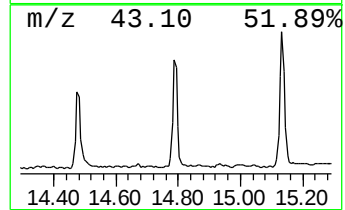
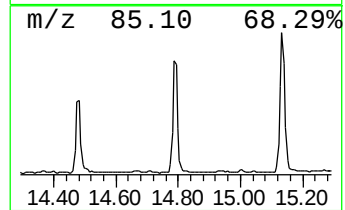
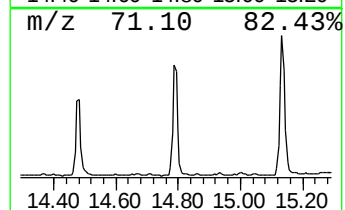
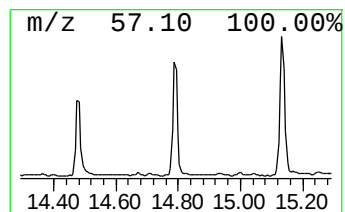
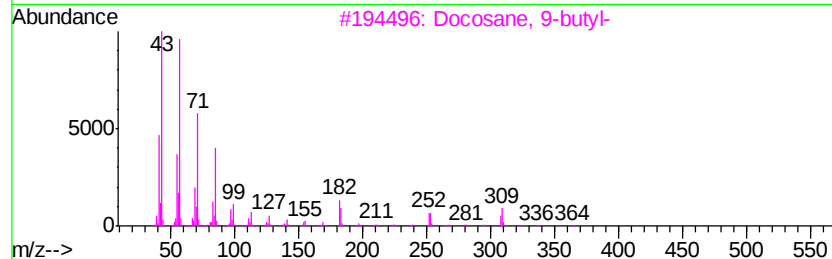
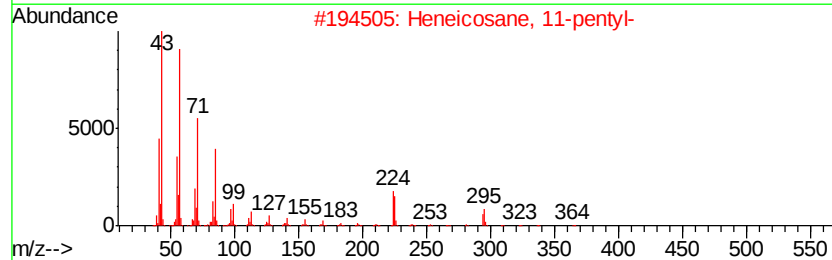
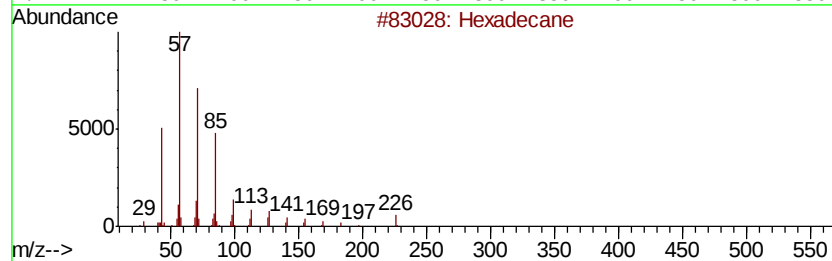
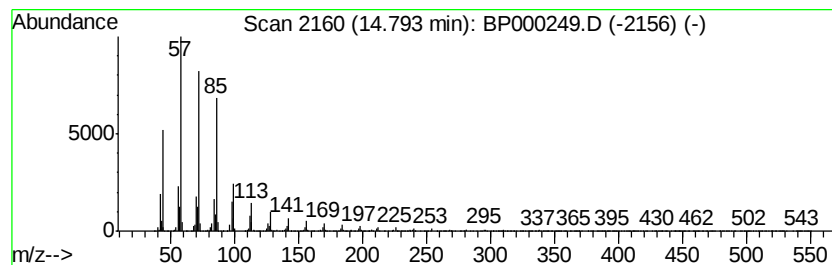
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BNA_P
ClientSampleId :
TP-11-S(1.5-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
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 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	3.46 ng	502092	Perylene-d12	15.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	93
2	Heneicosane, 11-pentyl-	366 C26H54	014739-72-1	93
3	Docosane, 9-butyl-	366 C26H54	055282-14-9	93
4	Docosane, 11-butyl-	366 C26H54	013475-76-8	93
5	Heneicosane	296 C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000249.D
Acq On : 16 Sep 2019 20:23
Operator : HP/JU
Sample : K4861-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-11-S(1.5-4)

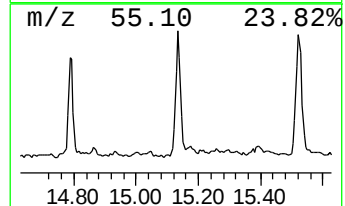
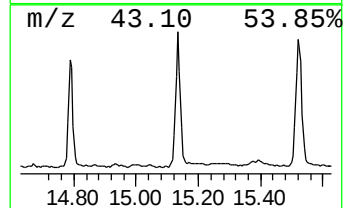
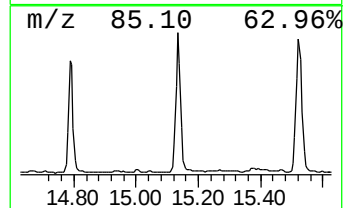
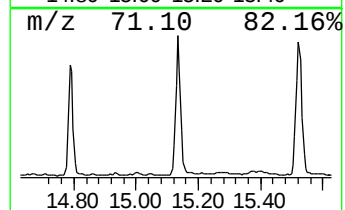
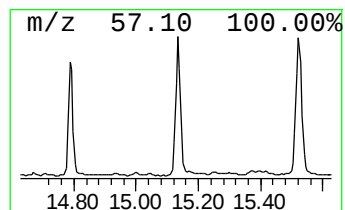
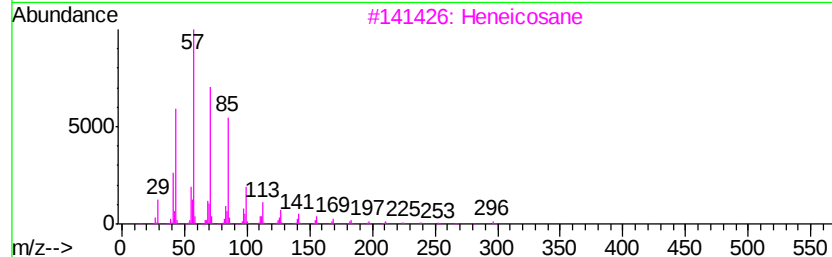
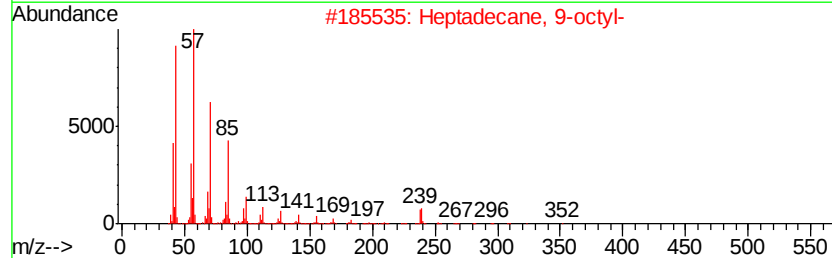
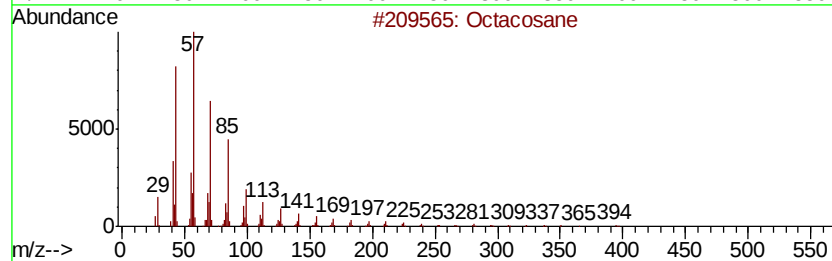
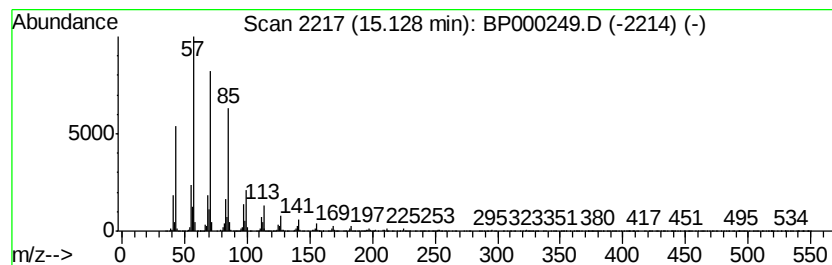
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	4.66 ng	677606	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	97
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000249.D
Acq On : 16 Sep 2019 20:23
Operator : HP/JU
Sample : K4861-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

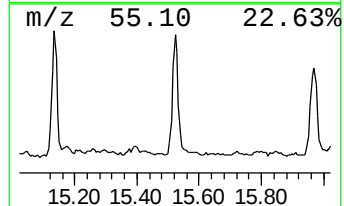
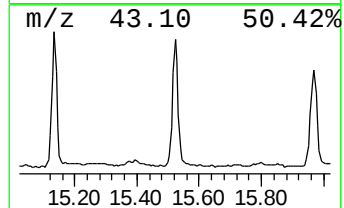
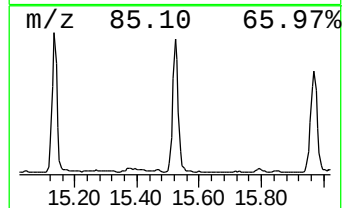
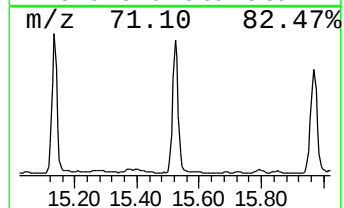
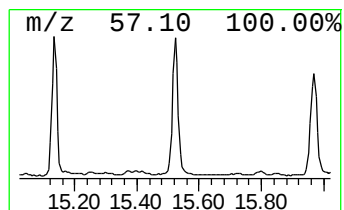
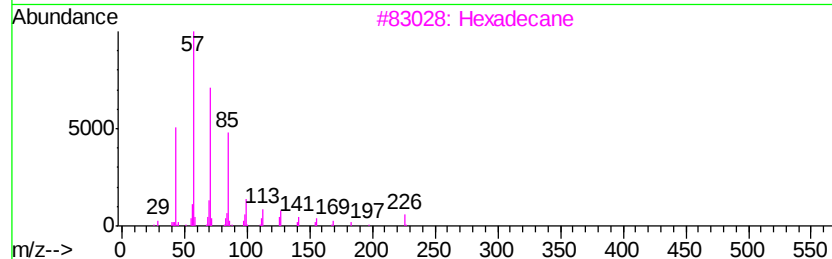
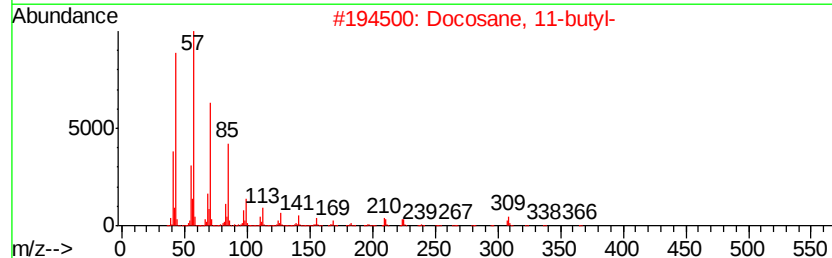
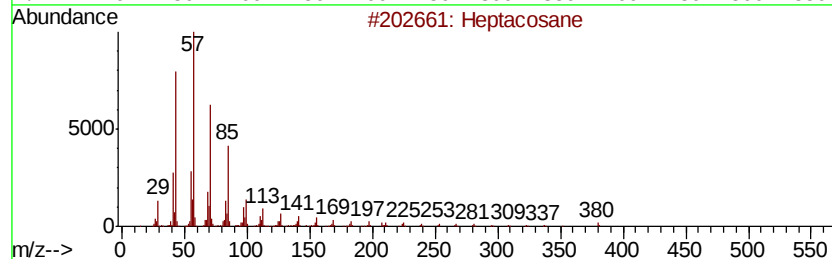
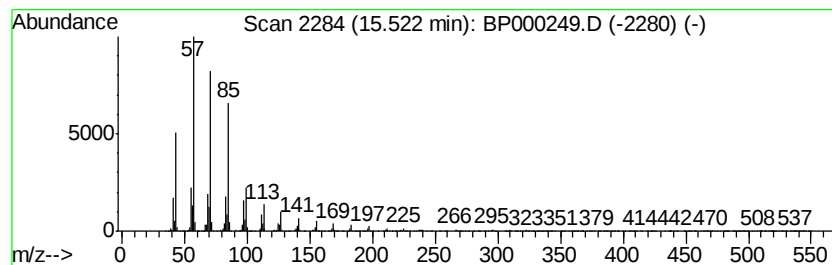
Instrument :
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ClientSampleId :
TP-11-S(1.5-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	5.93 ng	861943	Perylene-d12	15.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptacosane	380 C27H56	000593-49-7	93
2	Docosane, 11-butyl-	366 C26H54	013475-76-8	93
3	Hexadecane	226 C16H34	000544-76-3	93
4	Heneicosane	296 C21H44	000629-94-7	91
5	Tetracosane	338 C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000249.D
Acq On : 16 Sep 2019 20:23
Operator : HP/JU
Sample : K4861-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-11-S(1.5-4)

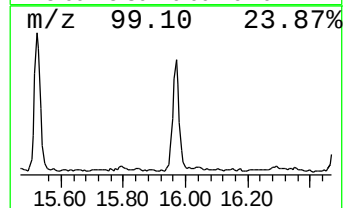
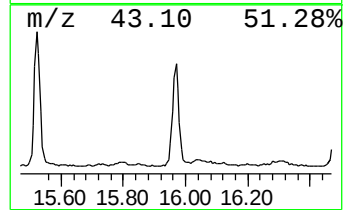
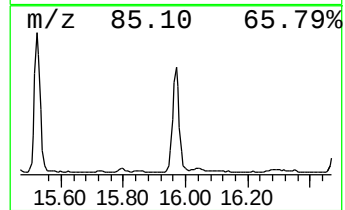
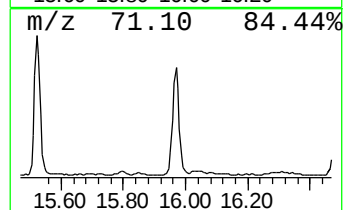
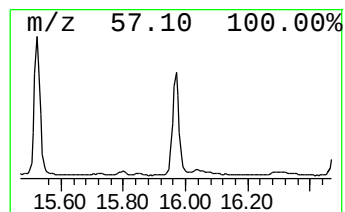
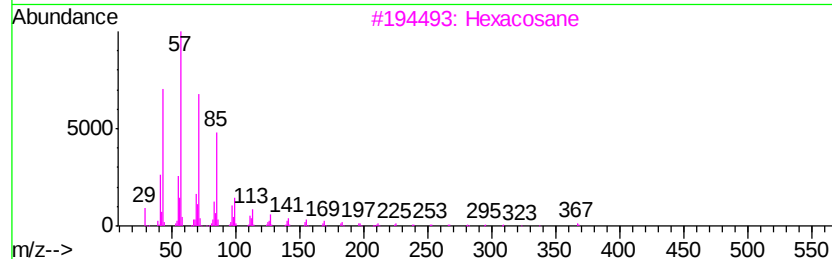
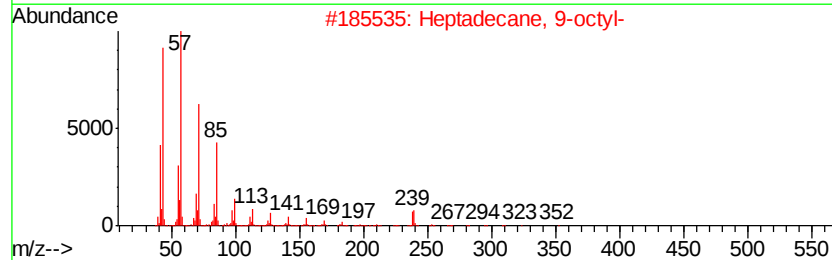
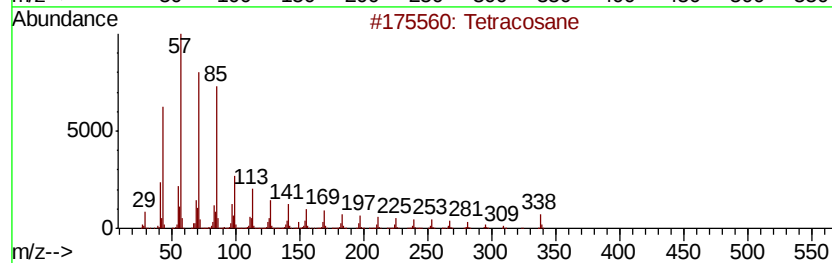
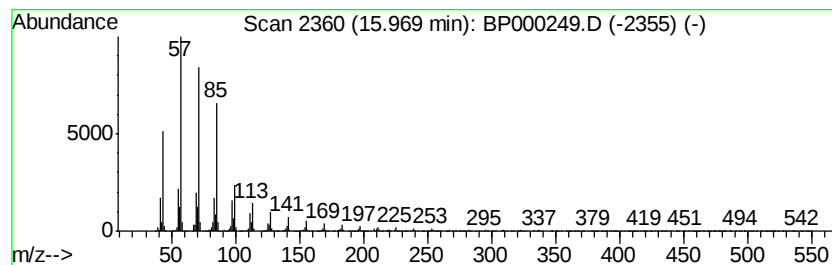
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	4.66 ng	676797	Perylene-d12	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	95
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3			Hexacosane	366	C26H54	000630-01-3	91
4			2-methyloctacosane	408	C29H60	1000376-72-8	91
5			Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000249.D
Acq On : 16 Sep 2019 20:23
Operator : HP/JU
Sample : K4861-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-11-S(1.5-4)

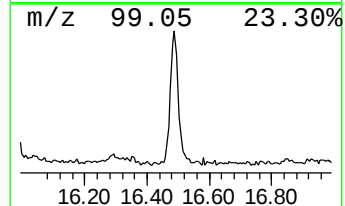
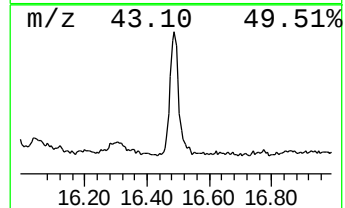
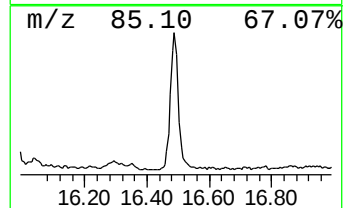
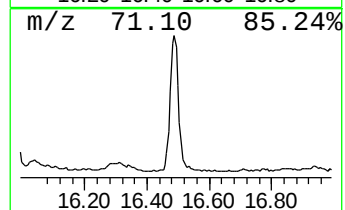
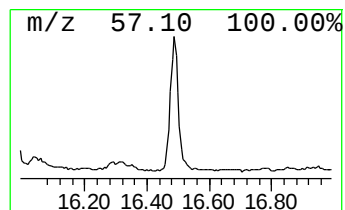
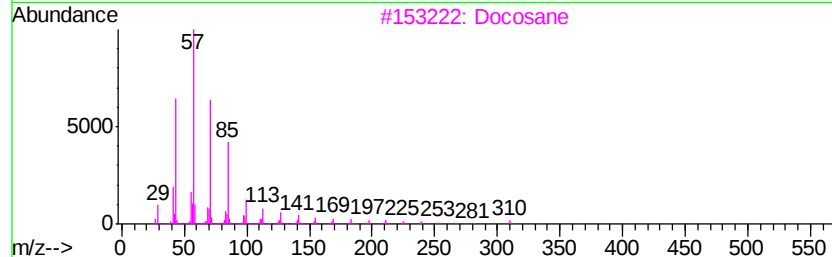
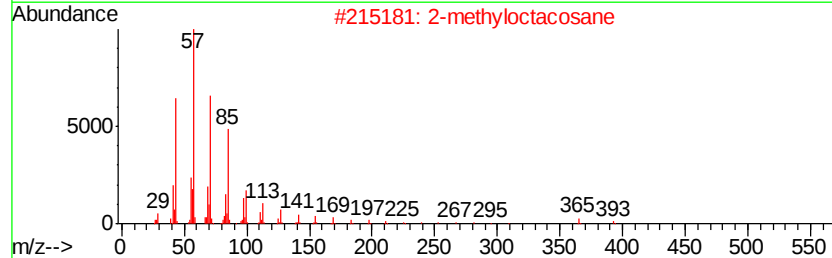
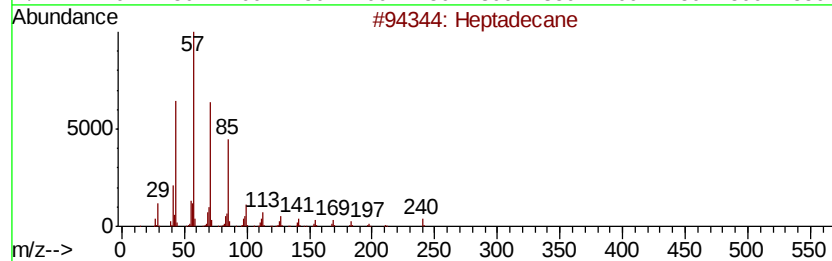
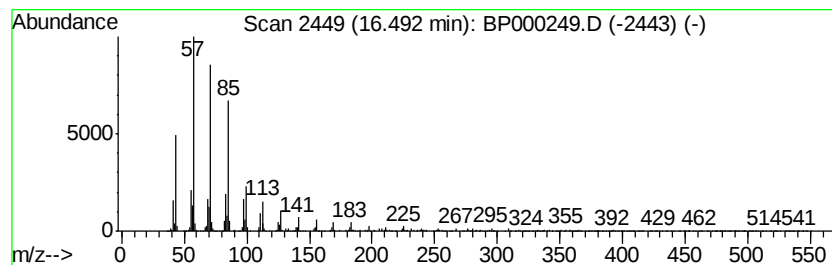
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	3.10 ng	449885	Perylene-d12	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	93
2			2-methyloctacosane	408	C29H60	1000376-72-8	91
3			Docosane	310	C22H46	000629-97-0	90
4			Heneicosane	296	C21H44	000629-94-7	90
5			Hexacosane	366	C26H54	000630-01-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091619\
Data File : BP000249.D
Acq On : 16 Sep 2019 20:23
Operator : HP/JU
Sample : K4861-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-11-S(1.5-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.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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unknown6.56	6.56	65.1	ng	5315700	1	6.79	1633710	20.0
n-Hexadecanoic acid	11.86	3.2	ng	464620	4	11.32	2890140	20.0
Ethanol, 2-(tetra...	13.85	4.5	ng	658564	5	13.99	2958800	20.0
Heptadecane, 9-oc...	14.48	2.8	ng	406157	5	13.99	2958800	20.0
Hexadecane	14.79	3.5	ng	502092	6	15.47	2905910	20.0
Octacosane	15.13	4.7	ng	677606	6	15.47	2905910	20.0
Heptacosane	15.52	5.9	ng	861943	6	15.47	2905910	20.0
Tetracosane	15.97	4.7	ng	676797	6	15.47	2905910	20.0
Heptadecane	16.49	3.1	ng	449885	6	15.47	2905910	20.0