

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
 Data File : BP001466.D
 Acq On : 27 Dec 2019 19:14
 Operator : JU
 Sample : K6431-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FIELD-BLANK

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	5.587	590	595	610	rVB	49576	77295	5.30%	0.947%
2	6.199	694	699	719	rBV	353509	460281	31.55%	5.640%
3	7.746	956	962	975	rBV	267362	350536	24.03%	4.295%
4	7.928	987	993	1004	rVB	630388	739587	50.70%	9.062%
5	8.281	1048	1053	1062	rVB	137110	154117	10.56%	1.888%
6	8.522	1088	1094	1099	rBV	515881	617430	42.32%	7.566%
7	9.169	1197	1204	1218	rBV	417408	521310	35.74%	6.388%
8	10.316	1394	1399	1407	rBV	139171	175313	12.02%	2.148%
9	12.098	1695	1702	1722	rBV	834464	1002714	68.74%	12.286%
10	12.769	1811	1816	1824	rBV	37275	54285	3.72%	0.665%
11	13.181	1880	1886	1899	rBV	169130	227625	15.60%	2.789%
12	14.475	2100	2106	2131	rBV	619131	826819	56.68%	10.131%
13	15.575	2288	2293	2305	rBV	208459	257074	17.62%	3.150%
14	16.469	2440	2445	2458	rBV2	38548	56097	3.85%	0.687%
15	17.557	2626	2630	2638	rBV2	11318	16548	1.13%	0.203%
16	17.757	2661	2664	2667	rBV	17720	17895	1.23%	0.219%
17	17.863	2676	2682	2686	rBV	1305988	1458806	100.00%	17.875%
18	18.227	2740	2744	2749	rBV	29525	30973	2.12%	0.380%
19	18.674	2816	2820	2824	rBV	38440	40067	2.75%	0.491%
20	19.104	2888	2893	2896	rBV	44368	51674	3.54%	0.633%
21	19.163	2896	2903	2908	rVV5	13854	43063	2.95%	0.528%
22	19.222	2908	2913	2931	rVB	212975	269676	18.49%	3.304%
23	19.510	2955	2962	2970	rBV	67320	72527	4.97%	0.889%
24	19.898	3023	3028	3033	rBV	69266	76574	5.25%	0.938%
25	20.274	3087	3092	3100	rBV	74518	84879	5.82%	1.040%
26	20.663	3153	3158	3167	rBV	66930	81411	5.58%	0.998%
27	20.986	3207	3213	3224	rVV	147234	222298	15.24%	2.724%
28	21.098	3226	3232	3239	rVB	49171	74339	5.10%	0.911%
29	21.586	3309	3315	3321	rBV2	34544	59034	4.05%	0.723%
30	22.151	3403	3411	3418	rBV4	19223	40874	2.80%	0.501%

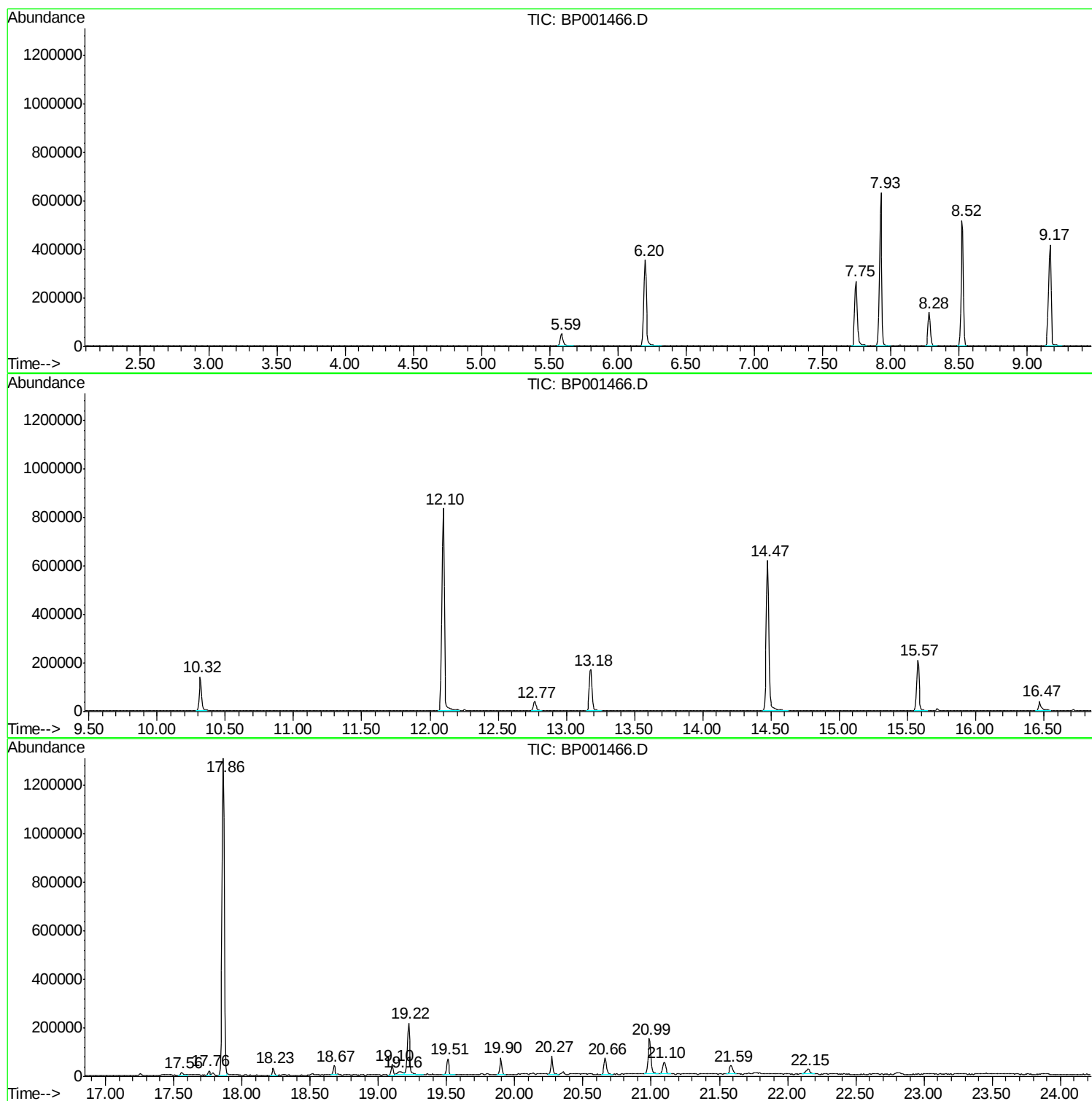
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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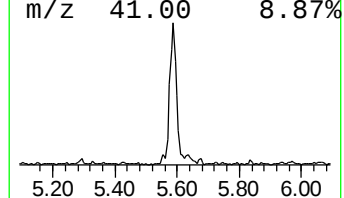
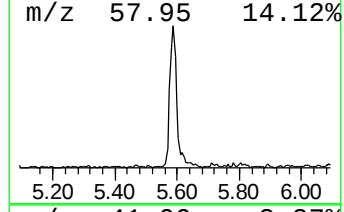
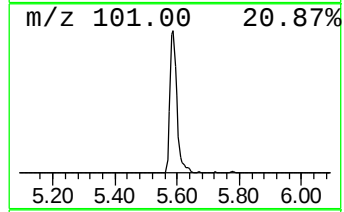
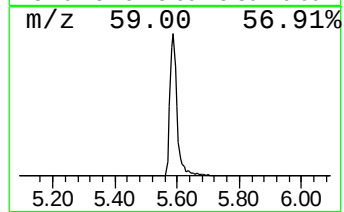
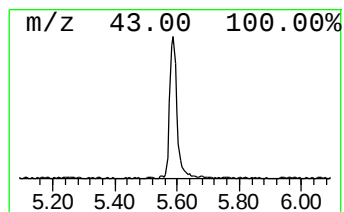
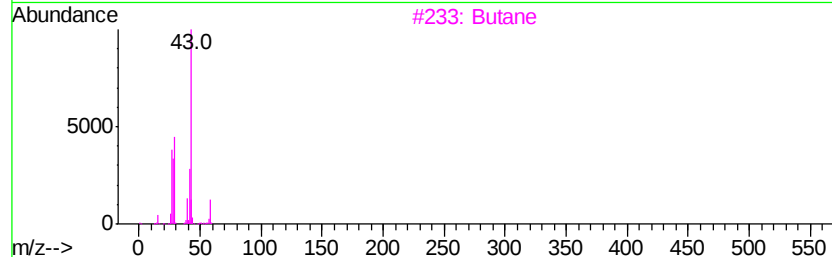
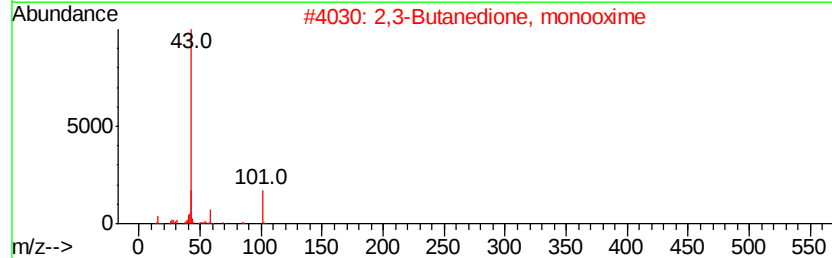
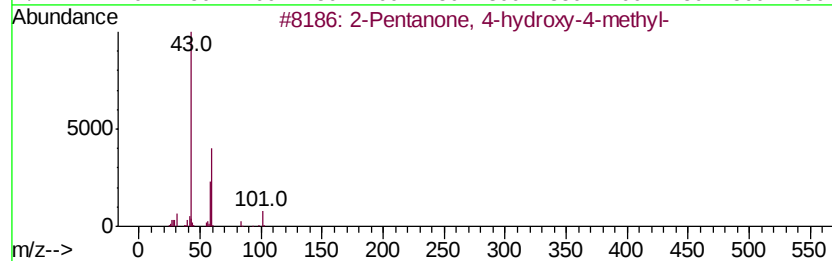
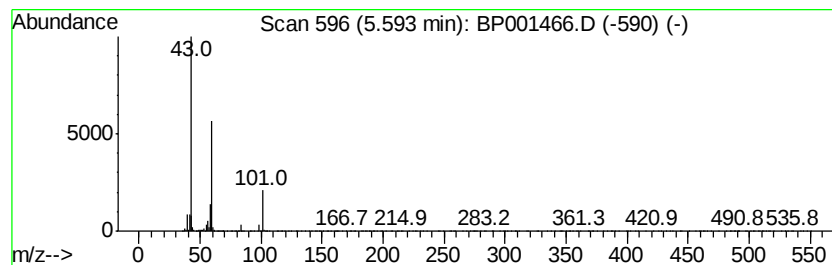
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	10.03 ng	77295	1,4-Dichlorobenzene-d4	8.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3			Butane	58	C4H10	000106-97-8	9
4			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	9
5			4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	9



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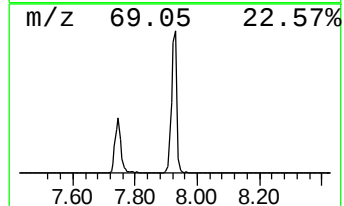
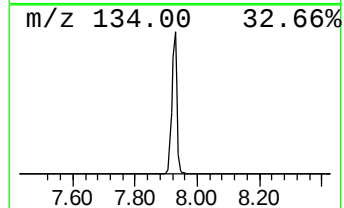
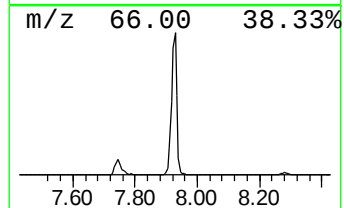
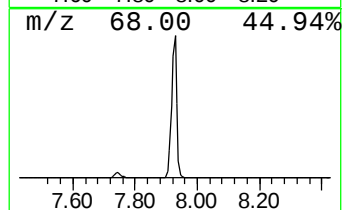
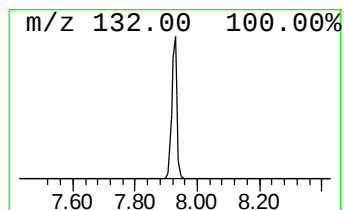
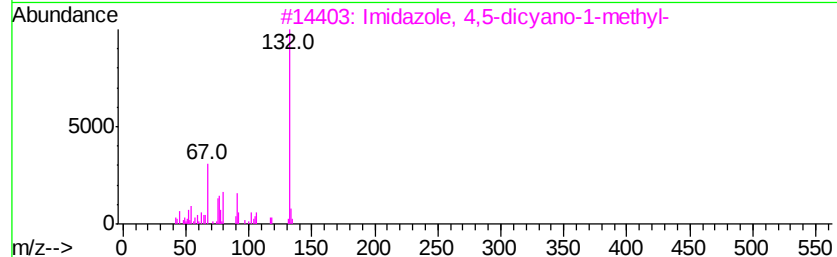
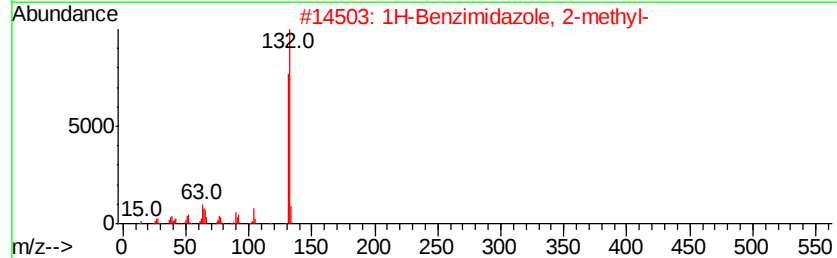
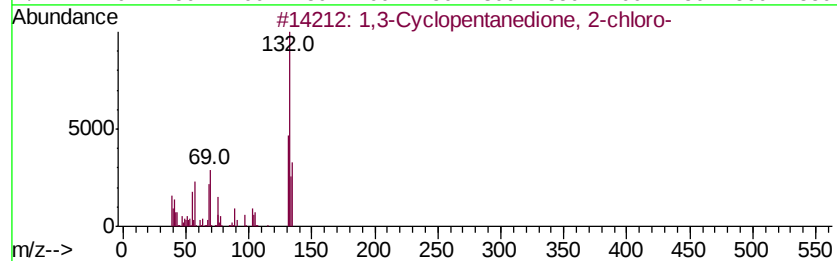
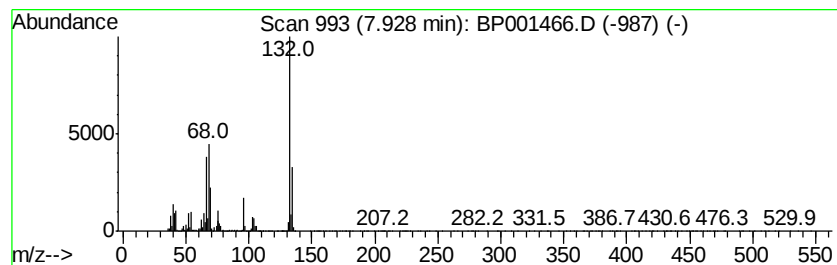
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Peak Number 2 unknown7.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	95.98 ng	739587	1,4-Dichlorobenzene-d4	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	16
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
3		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	10
4		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10
5		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10



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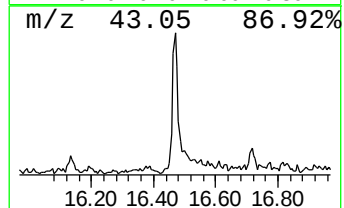
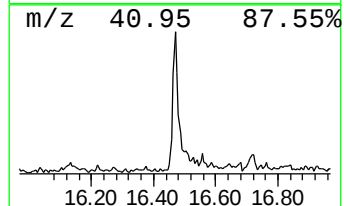
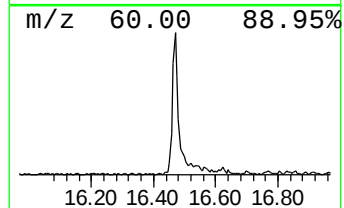
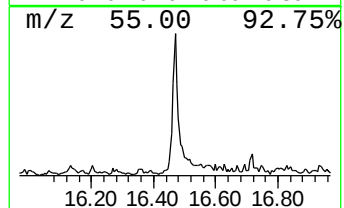
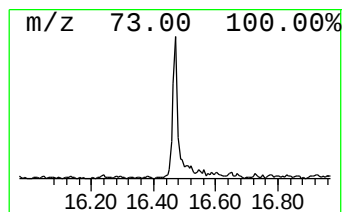
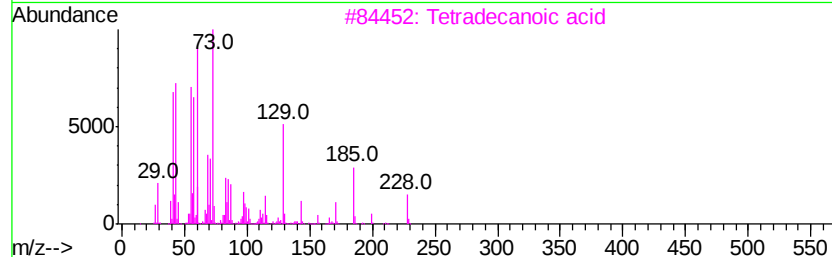
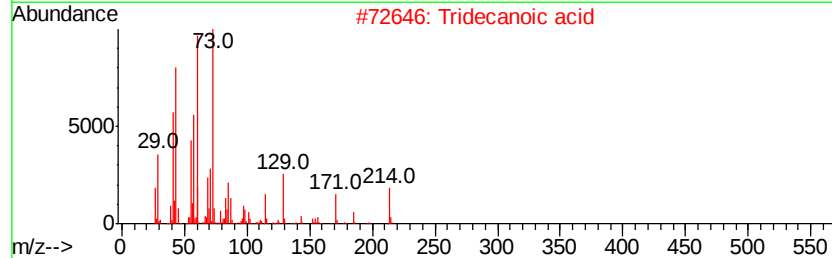
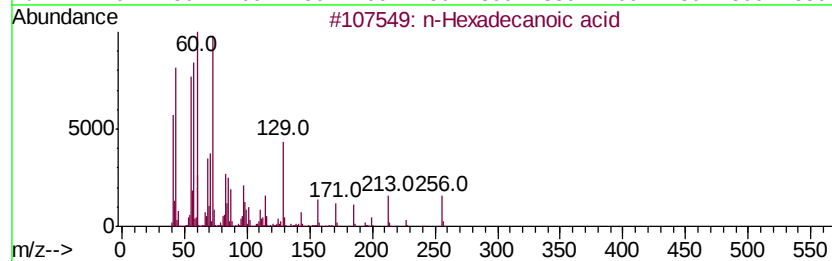
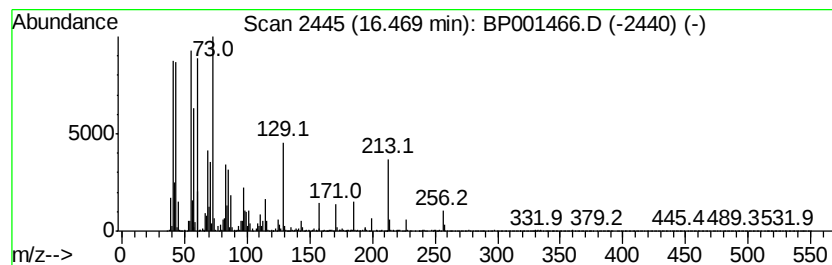
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	4.36 ng	56097	Phenanthrene-d10	15.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		Undecanoic acid	186	C11H22O2	000112-37-8	76



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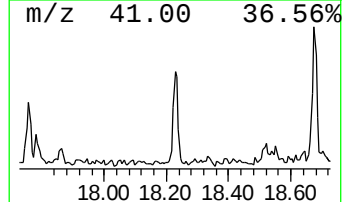
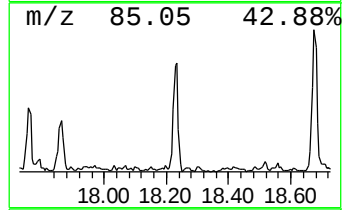
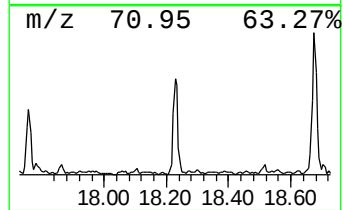
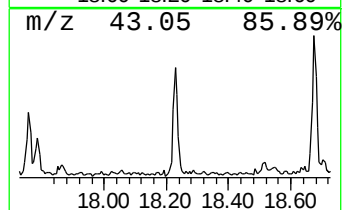
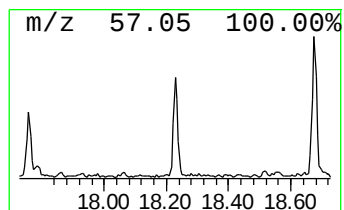
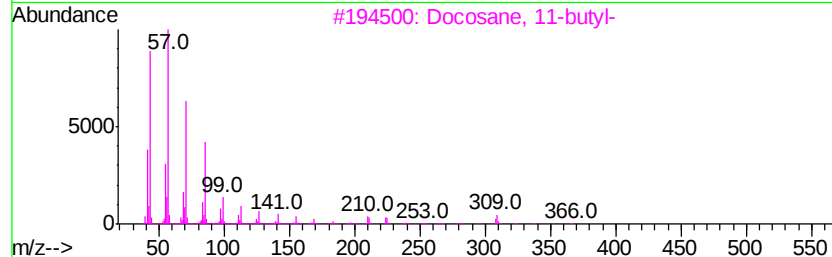
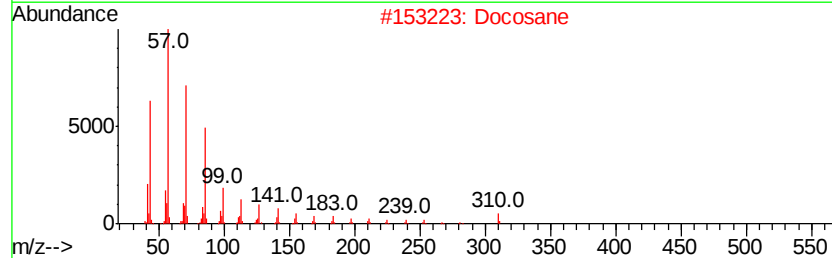
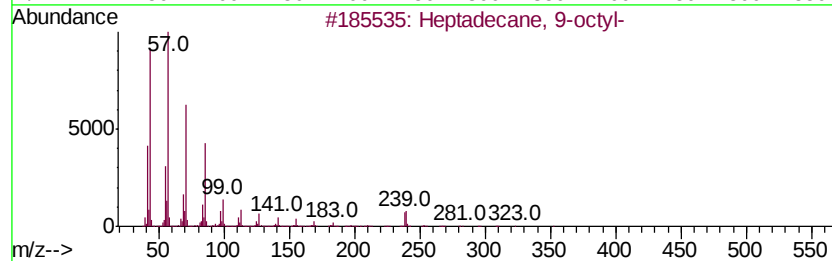
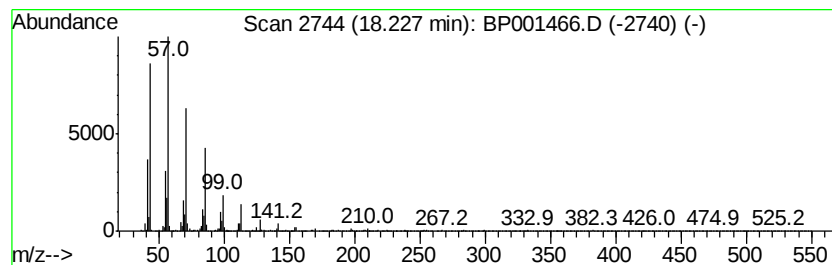
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Peak Number 5 Docosane, 11-butyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	2.30 ng	30973	Chrysene-d12	19.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2		Docosane	310	C22H46	000629-97-0	93
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	93
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	91
5		Heptacosane	380	C27H56	000593-49-7	91



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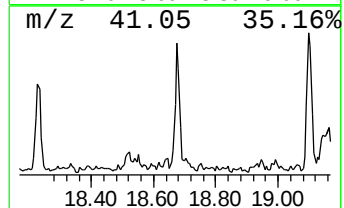
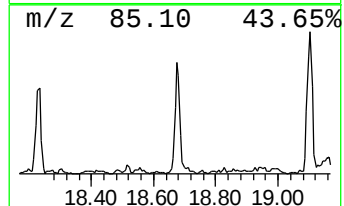
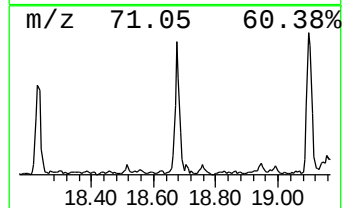
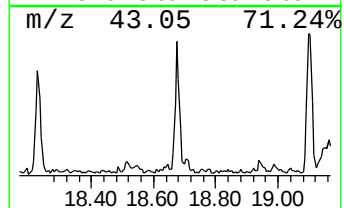
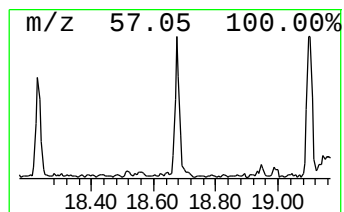
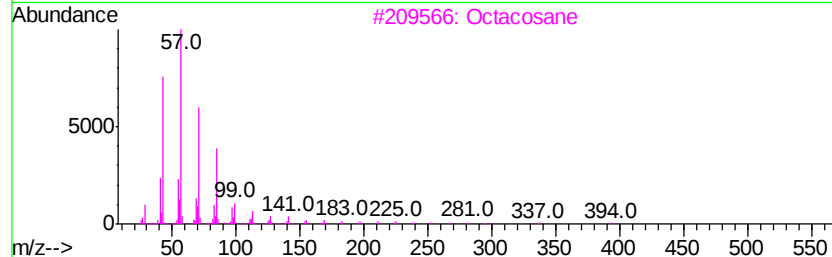
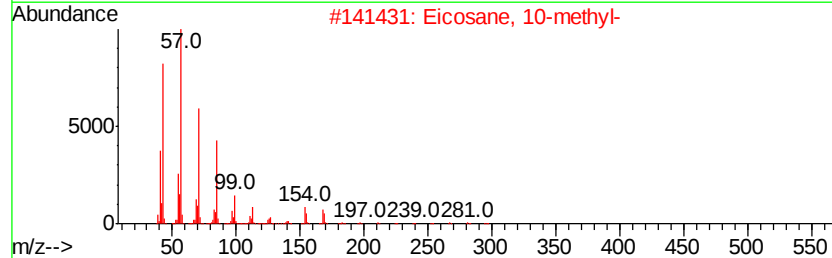
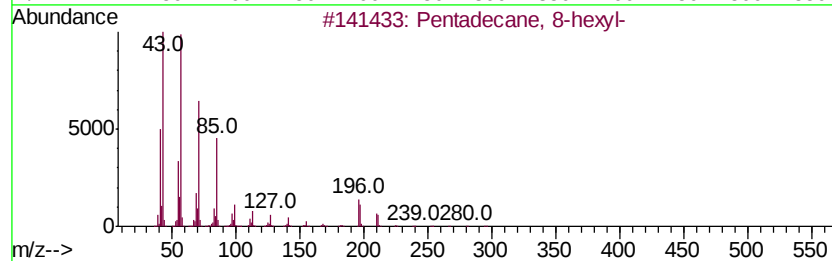
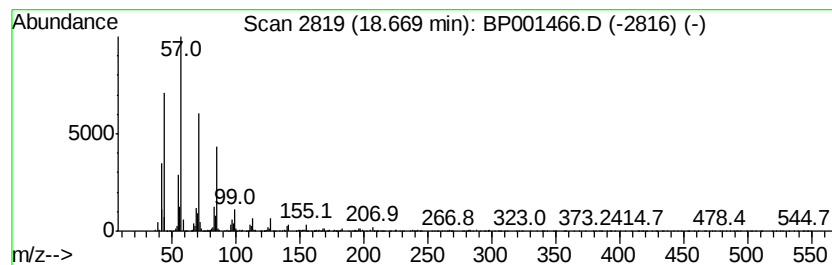
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Peak Number 6 Pentadecane, 8-hexyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	2.97 ng	40067	Chrysene-d12	19.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	91



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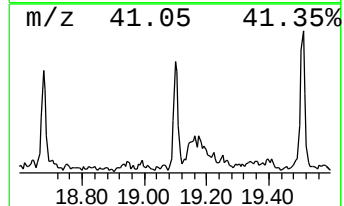
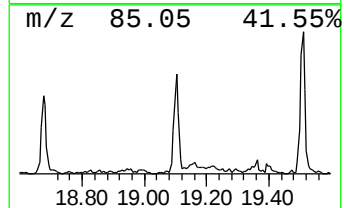
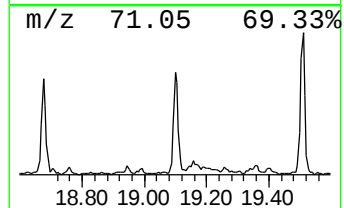
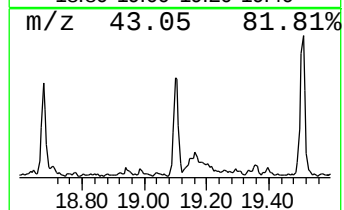
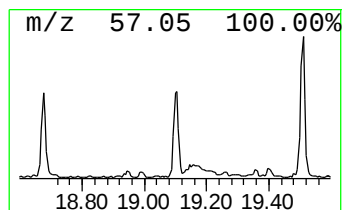
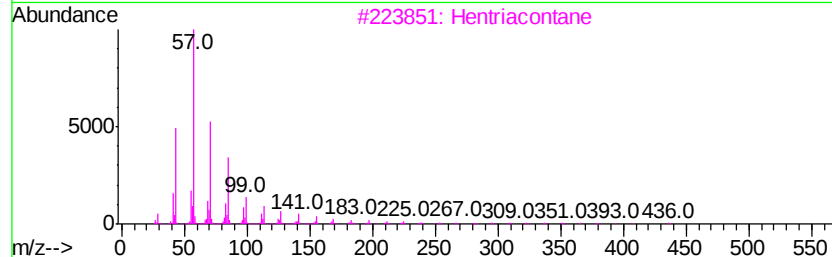
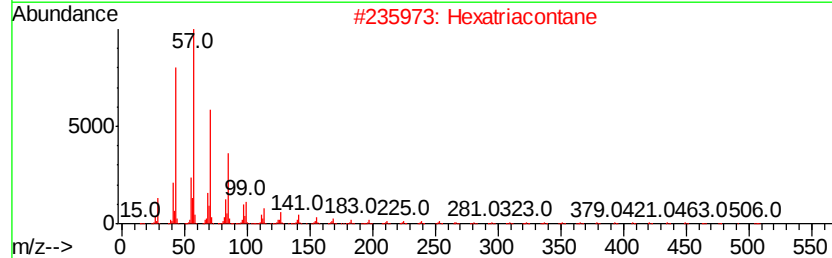
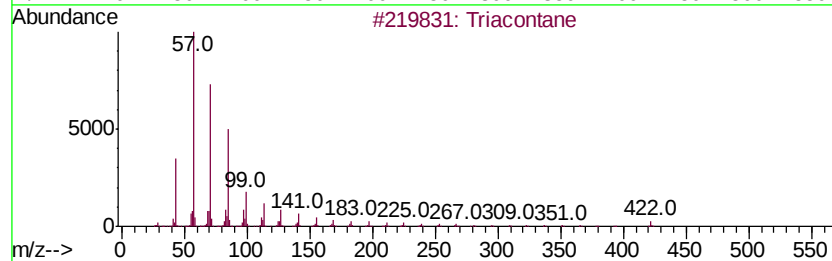
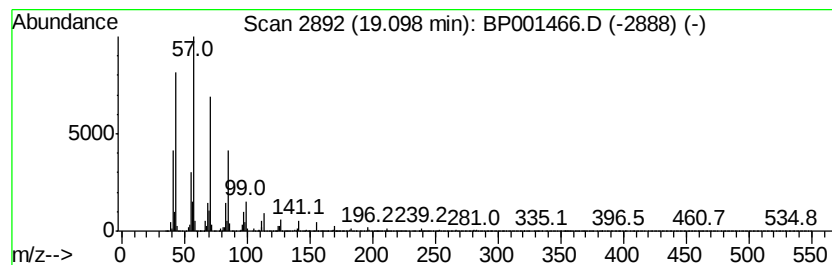
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Triacontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	3.83 ng	51674	Chrysene-d12	19.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontane	422	C30H62	000638-68-6	94
2			Hexatriacontane	507	C36H74	000630-06-8	93
3			Hentriacontane	437	C31H64	000630-04-6	93
4			Octacosane	394	C28H58	000630-02-4	91
5			Eicosane, 9-octyl-	394	C28H58	013475-77-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001466.D
Acq On : 27 Dec 2019 19:14
Operator : JU
Sample : K6431-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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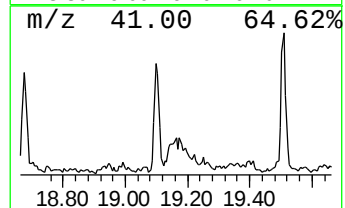
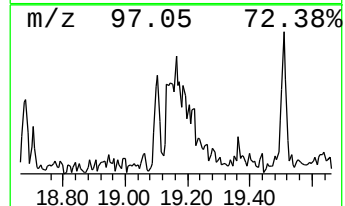
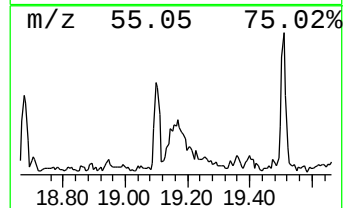
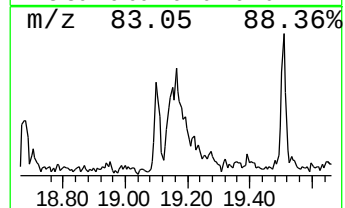
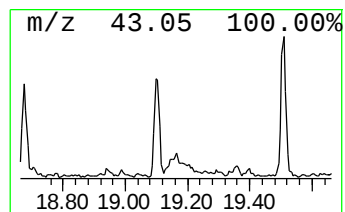
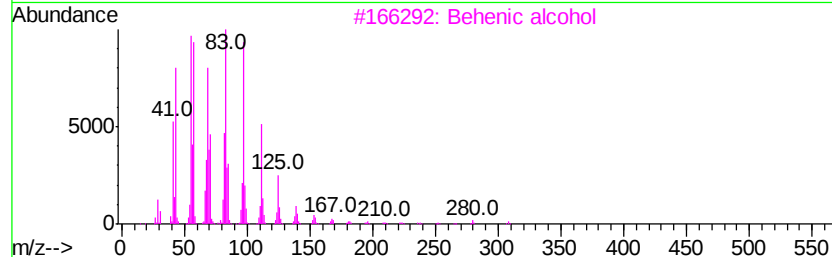
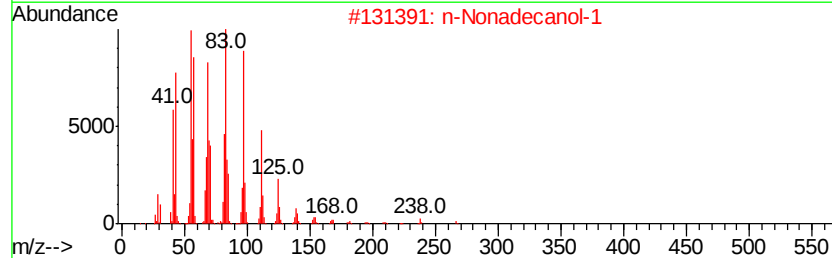
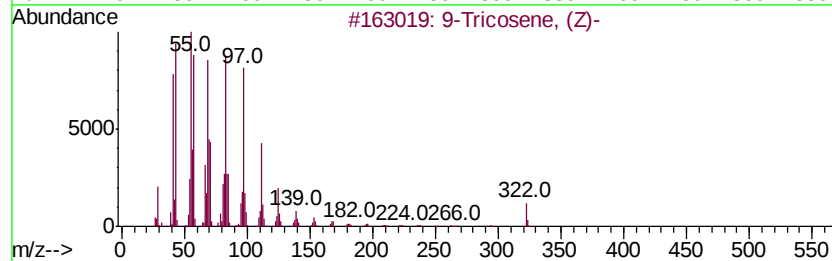
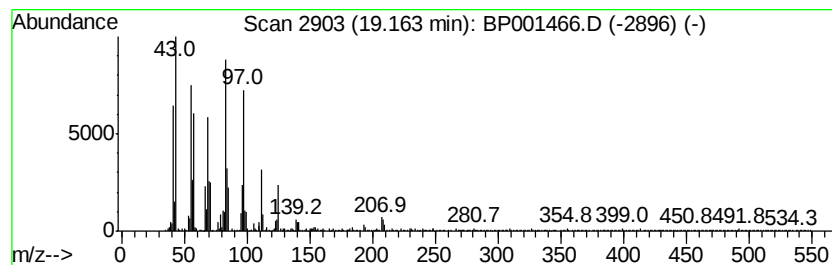
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9-Tricosene, (Z)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	3.19 ng	43063	Chrysene-d12	19.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	83
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	80
3		Behenic alcohol	326	C22H46O	000661-19-8	64
4		Cyclotetracosane	336	C24H48	000297-03-0	64
5		Z-12-Pentacosene	350	C25H50	1000131-09-4	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
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Sample : K6431-17
Misc :
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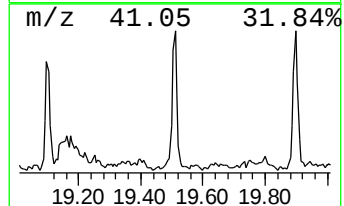
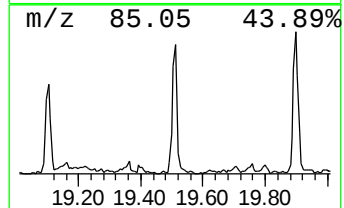
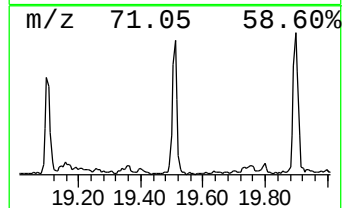
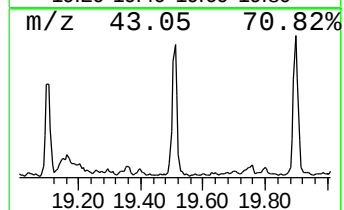
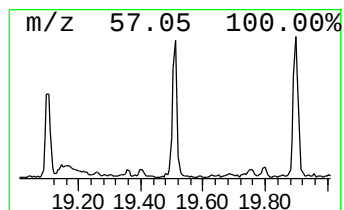
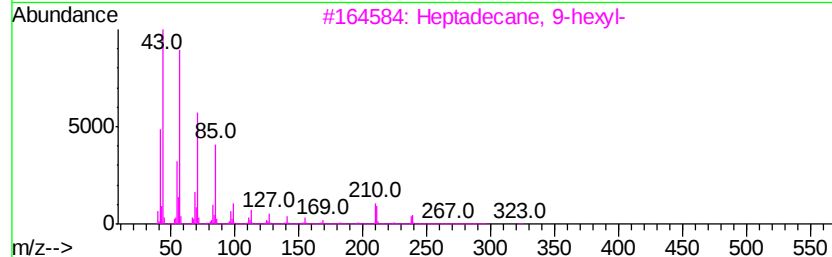
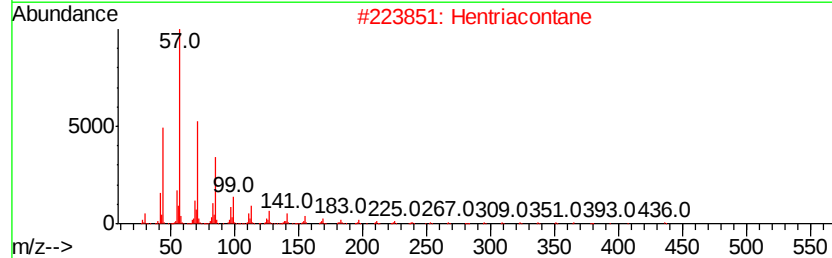
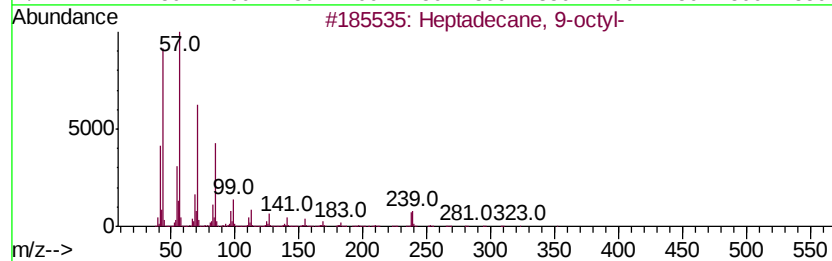
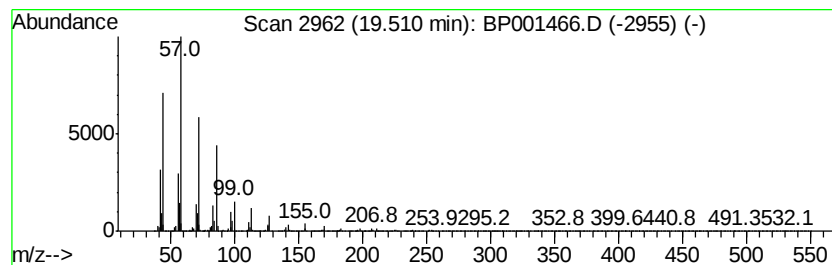
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane, 9-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.51	5.38 ng	72527	Chrysene-d12		19.22
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	97
2	Hentriacontane	437	C31H64	000630-04-6	93
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
5	Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001466.D
Acq On : 27 Dec 2019 19:14
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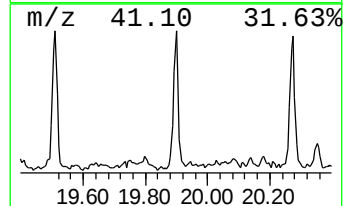
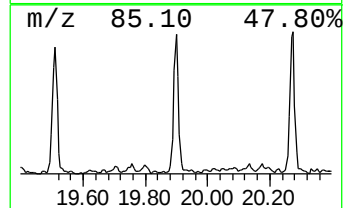
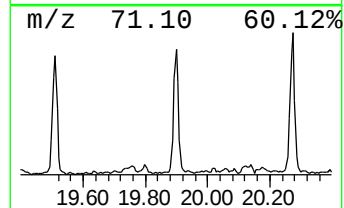
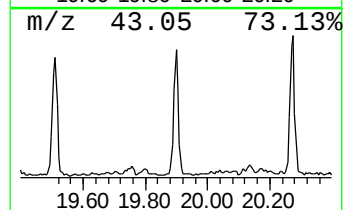
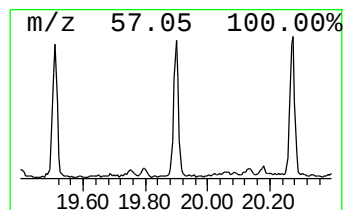
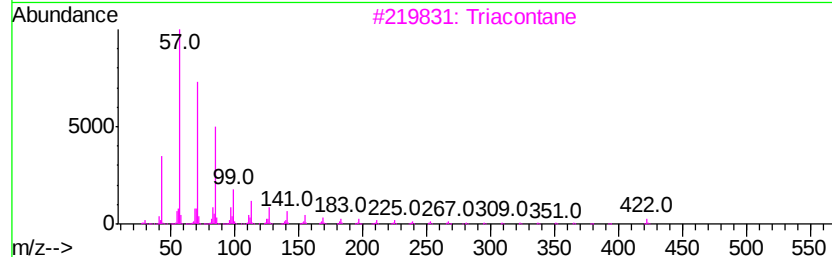
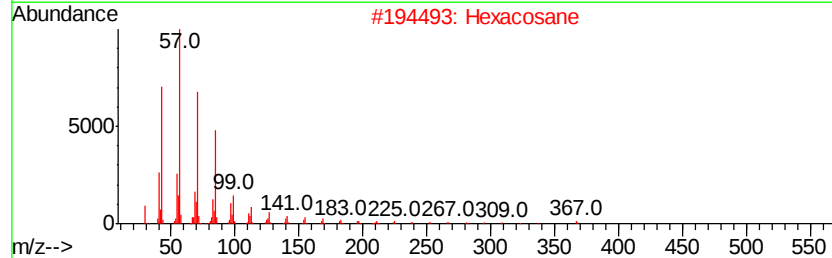
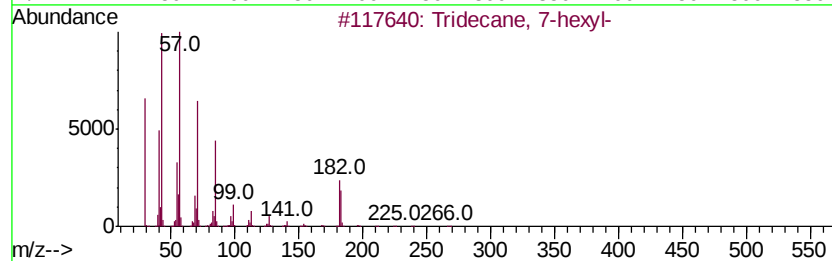
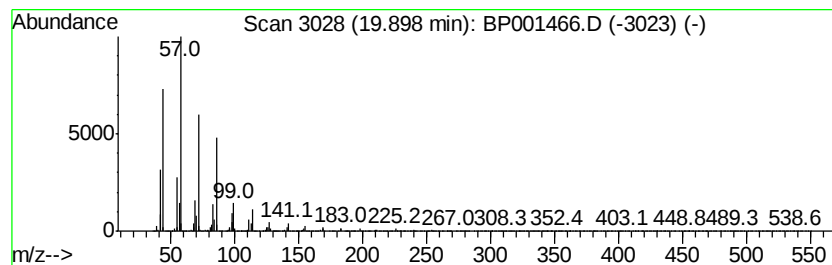
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane, 7-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	5.68 ng	76574	Chrysene-d12	19.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	95
2		Hexacosane	366	C26H54	000630-01-3	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Octadecane	254	C18H38	000593-45-3	90
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001466.D
Acq On : 27 Dec 2019 19:14
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Sample : K6431-17
Misc :
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Instrument :
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ClientSampleId :
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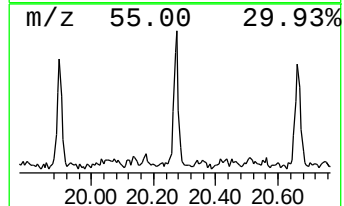
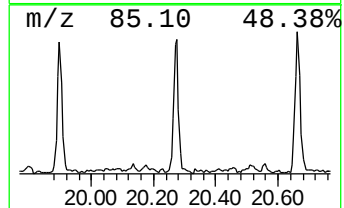
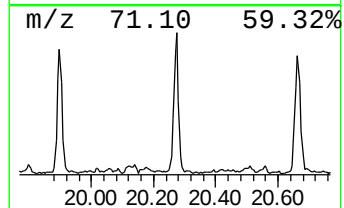
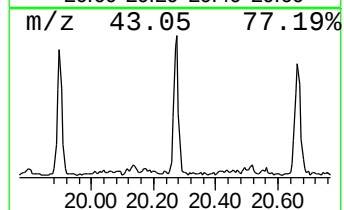
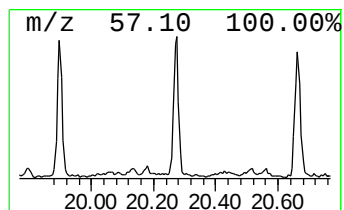
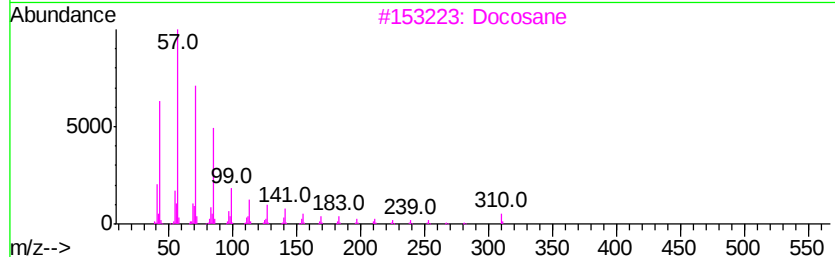
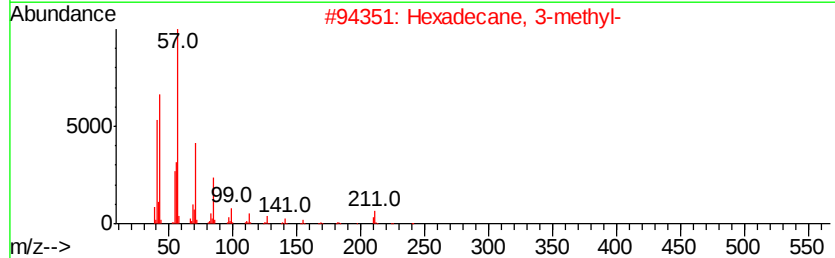
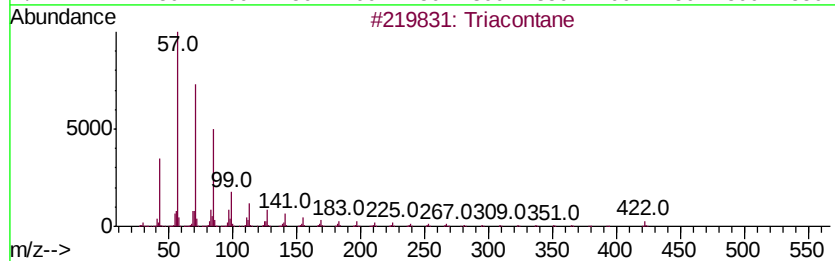
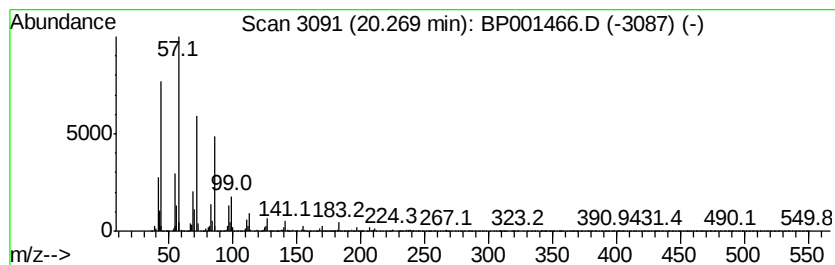
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	7.64 ng	84879	Perylene-d12	20.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	94
2		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	94
3		Docosane	310	C22H46	000629-97-0	94
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001466.D
Acq On : 27 Dec 2019 19:14
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Sample : K6431-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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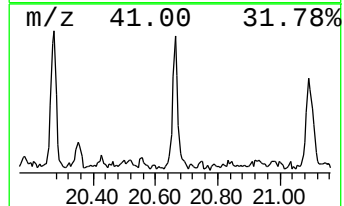
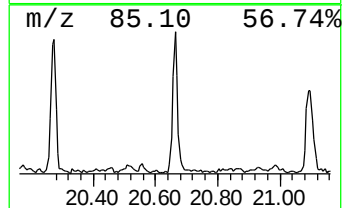
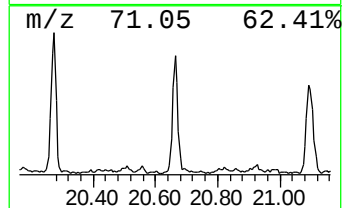
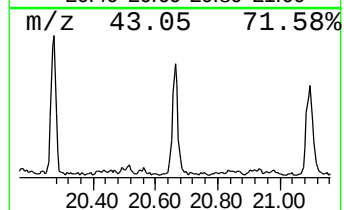
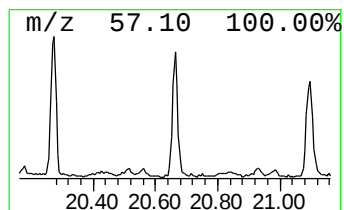
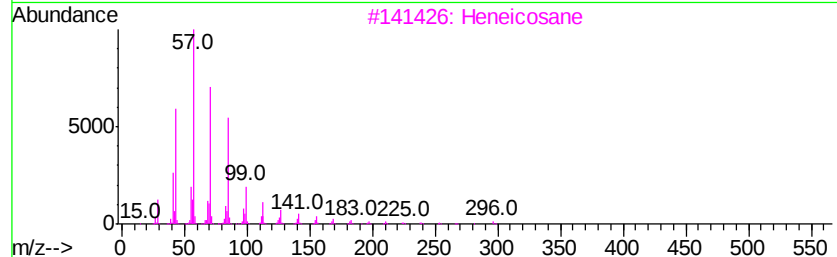
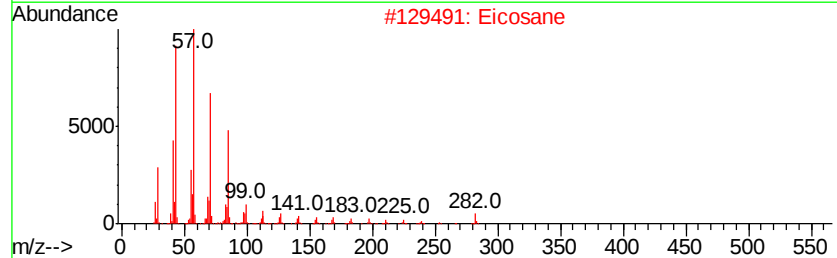
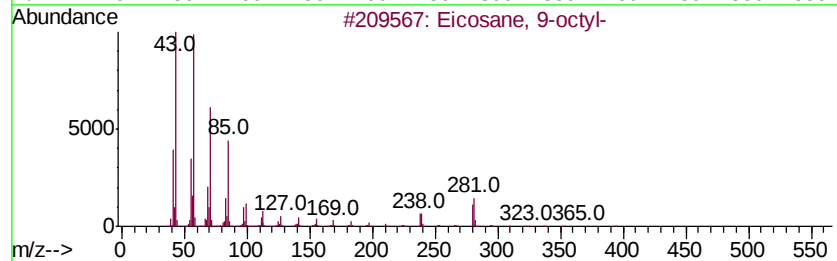
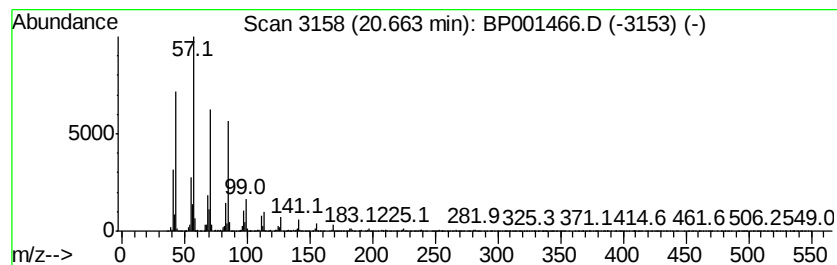
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane, 9-octyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	7.32 ng	81411	Perylene-d12	20.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
2		Eicosane	282	C20H42	000112-95-8	94
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001466.D
Acq On : 27 Dec 2019 19:14
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Misc :
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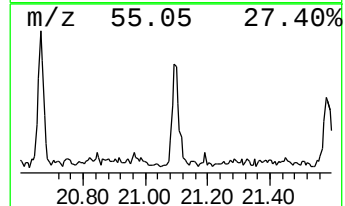
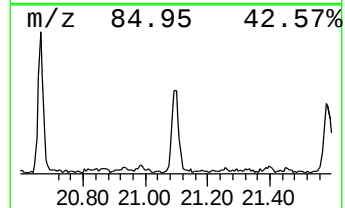
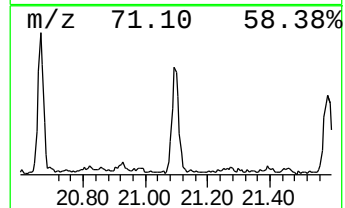
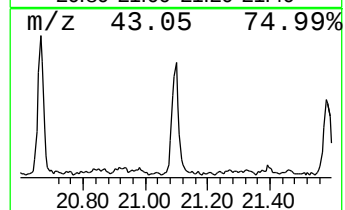
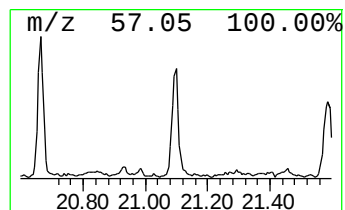
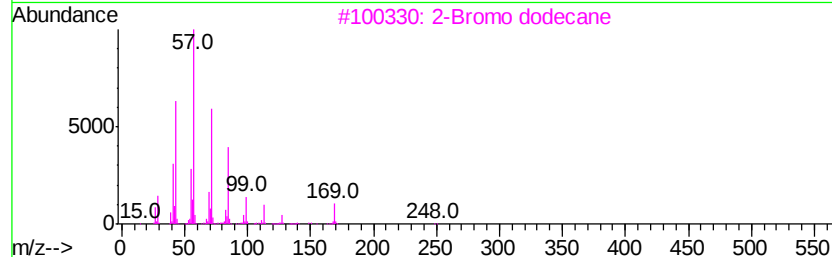
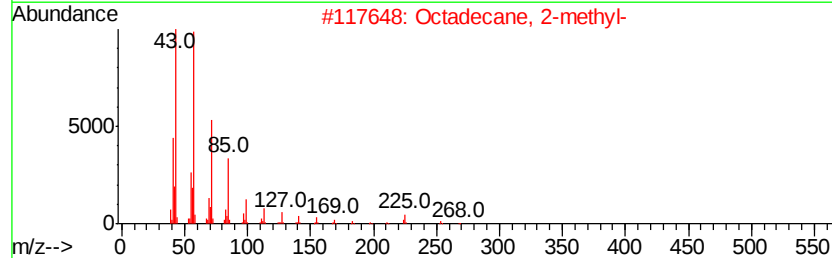
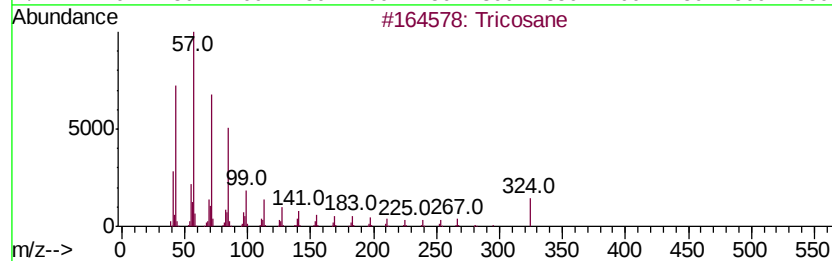
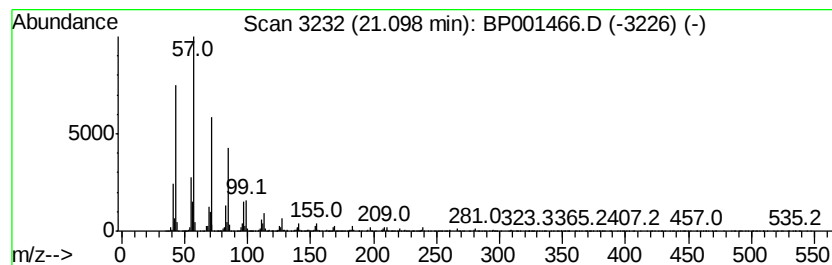
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tricosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	6.69 ng	74339	Perylene-d12	20.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricosane	324	C23H48	000638-67-5	93
2			Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3			2-Bromo dodecane	248	C12H25Br	013187-99-0	91
4			2-methyloctacosane	408	C29H60	1000376-72-8	91
5			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001466.D
Acq On : 27 Dec 2019 19:14
Operator : JU
Sample : K6431-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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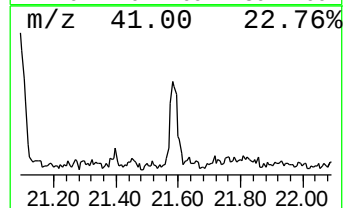
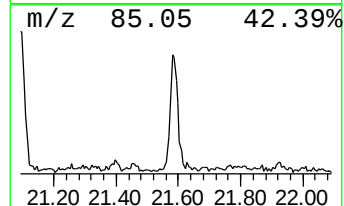
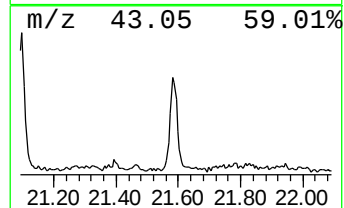
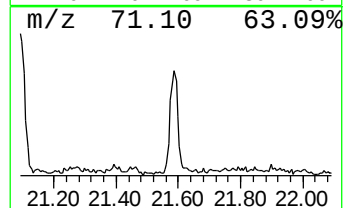
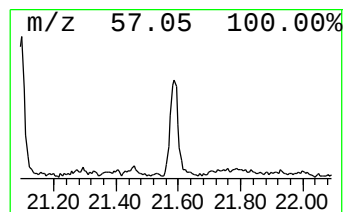
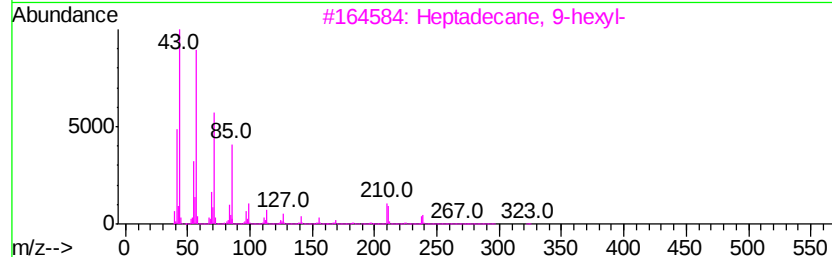
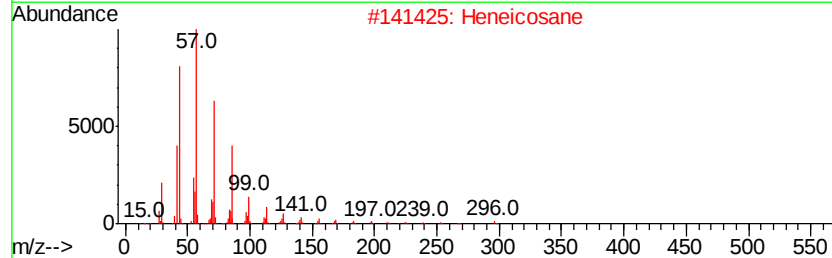
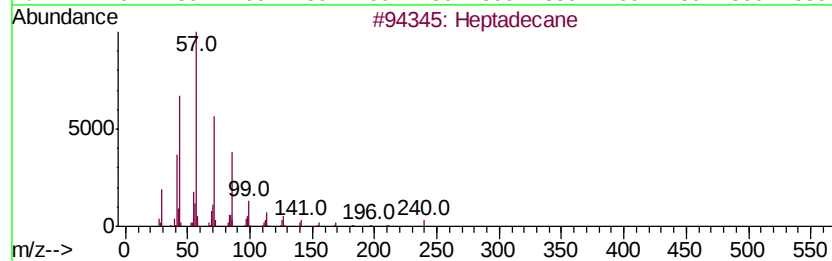
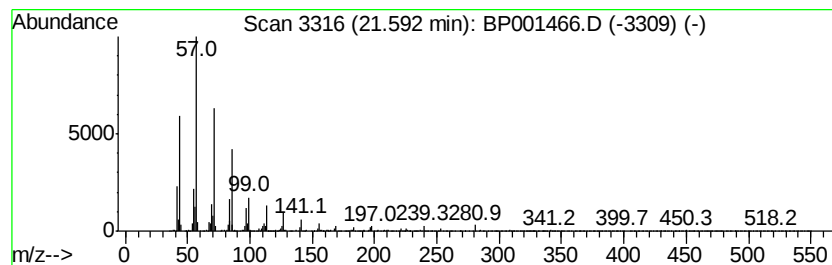
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	5.31 ng	59034	Perylene-d12	20.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	90
2			Heneicosane	296	C21H44	000629-94-7	87
3			Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	87
4			Tetracosane	338	C24H50	000646-31-1	87
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001466.D
Acq On : 27 Dec 2019 19:14
Operator : JU
Sample : K6431-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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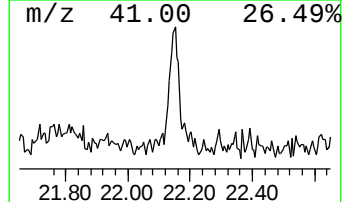
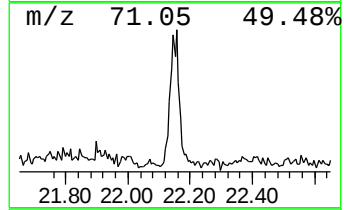
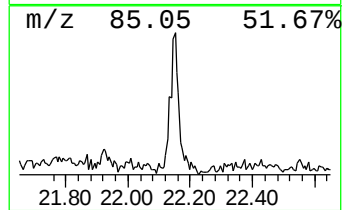
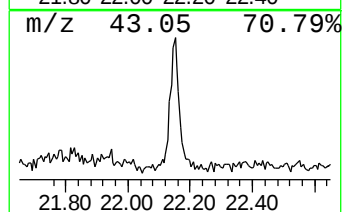
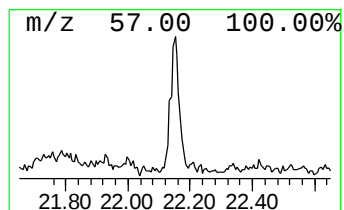
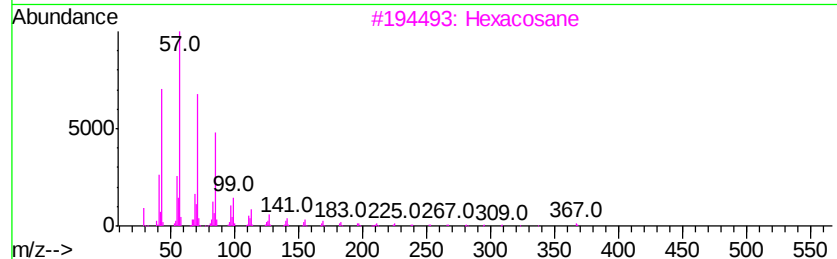
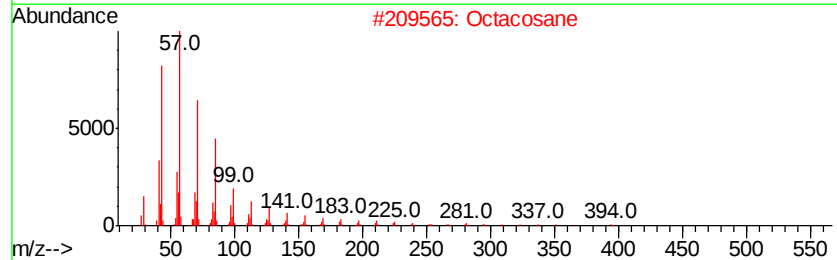
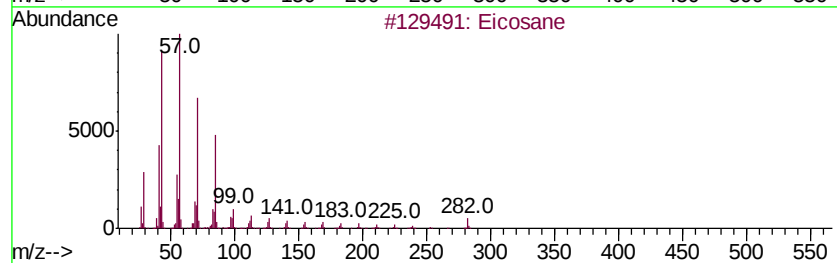
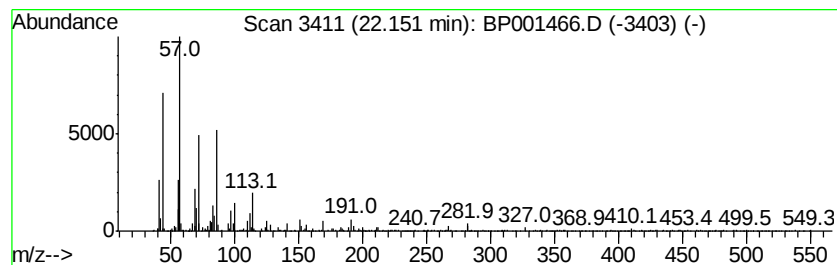
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.15	3.68 ng	40874	Perylene-d12	20.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	87
2	Octacosane			394	C28H58	000630-02-4	70
3	Hexacosane			366	C26H54	000630-01-3	58
4	Heneicosane			296	C21H44	000629-94-7	58
5	Tetratetracontane			619	C44H90	007098-22-8	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122719\
 Data File : BP001466.D
 Acq On : 27 Dec 2019 19:14
 Operator : JU
 Sample : K6431-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 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
2-Pentanone, 4-hy...	5.59	10.0	ng	77295	1	8.28	154117	20.0
unknown7.93	7.93	96.0	ng	739587	1	8.28	154117	20.0
n-Hexadecanoic acid	16.47	4.4	ng	56097	4	15.57	257074	20.0
Docosane, 11-butyl-	18.23	2.3	ng	30973	5	19.22	269676	20.0
Pentadecane, 8-he...	18.67	3.0	ng	40067	5	19.22	269676	20.0
Triacontane	19.10	3.8	ng	51674	5	19.22	269676	20.0
9-Tricosene, (Z)-	19.16	3.2	ng	43063	5	19.22	269676	20.0
Heptadecane, 9-oc...	19.51	5.4	ng	72527	5	19.22	269676	20.0
Tridecane, 7-hexyl-	19.90	5.7	ng	76574	5	19.22	269676	20.0
Hexadecane, 3-met...	20.27	7.6	ng	84879	6	20.99	222298	20.0
Eicosane, 9-octyl-	20.66	7.3	ng	81411	6	20.99	222298	20.0
Tricosane	21.10	6.7	ng	74339	6	20.99	222298	20.0
Heptadecane	21.59	5.3	ng	59034	6	20.99	222298	20.0
Eicosane	22.15	3.7	ng	40874	6	20.99	222298	20.0