

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
 Data File : BM019969.D
 Acq On : 19 Apr 2019 00:35
 Operator : JU/SJ
 Sample : K2461-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GMW-11

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_M\METHODS\8270-BM041519.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	5.128	359	364	384	rBV	731495	1296884	22.16%	3.647%
2	6.716	627	634	653	rBV	373119	826968	14.13%	2.325%
3	7.045	684	690	704	rBV	1485552	2452246	41.91%	6.896%
4	7.510	763	769	777	rBV	370540	589817	10.08%	1.659%
5	7.822	815	822	835	rBV	1352585	2181772	37.28%	6.135%
6	8.686	961	969	991	rBV	874781	1735669	29.66%	4.881%
7	10.286	1235	1241	1246	rBV	389047	710516	12.14%	1.998%
8	10.339	1246	1250	1263	rVB	208937	416112	7.11%	1.170%
9	12.780	1658	1665	1682	rBV	2534982	3877216	66.26%	10.902%
10	13.657	1806	1814	1825	rBV	127003	215067	3.68%	0.605%
11	14.180	1896	1903	1910	rBV2	602722	948723	16.21%	2.668%
12	14.245	1910	1914	1923	rVB	60694	95764	1.64%	0.269%
13	14.598	1969	1974	1984	rBV2	23211	59796	1.02%	0.168%
14	15.245	2080	2084	2093	rBV2	38323	61368	1.05%	0.173%
15	15.692	2151	2160	2174	rBV	1865322	3048650	52.10%	8.573%
16	16.945	2367	2373	2378	rBV	783563	1112946	19.02%	3.130%
17	16.986	2378	2380	2388	rVB	59451	87722	1.50%	0.247%
18	17.380	2441	2447	2451	rBV	63558	109908	1.88%	0.309%
19	17.839	2520	2525	2536	rBV	459682	691828	11.82%	1.945%
20	19.133	2740	2745	2753	rBV	307350	475478	8.13%	1.337%
21	19.592	2817	2823	2831	rBV	4820151	5851886	100.00%	16.455%
22	19.880	2869	2872	2877	rVB	77402	94277	1.61%	0.265%
23	20.380	2954	2957	2962	rBV	160077	199357	3.41%	0.561%
24	20.850	3033	3037	3044	rVB	473600	611425	10.45%	1.719%
25	21.156	3085	3089	3101	rBV	964641	1274507	21.78%	3.584%
26	21.286	3107	3111	3121	rBV	400470	440748	7.53%	1.239%
27	21.709	3179	3183	3187	rBV	524455	578602	9.89%	1.627%
28	22.150	3254	3258	3265	rVB	634020	810875	13.86%	2.280%
29	22.639	3336	3341	3347	rVB	707956	928230	15.86%	2.610%
30	23.174	3428	3432	3450	rVB	677716	1157438	19.78%	3.255%
31	23.344	3456	3461	3469	rVB2	713473	1363887	23.31%	3.835%
32	23.791	3532	3537	3545	rVB	448401	815614	13.94%	2.293%
33	24.497	3653	3657	3664	rVB2	234468	441525	7.55%	1.242%

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

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

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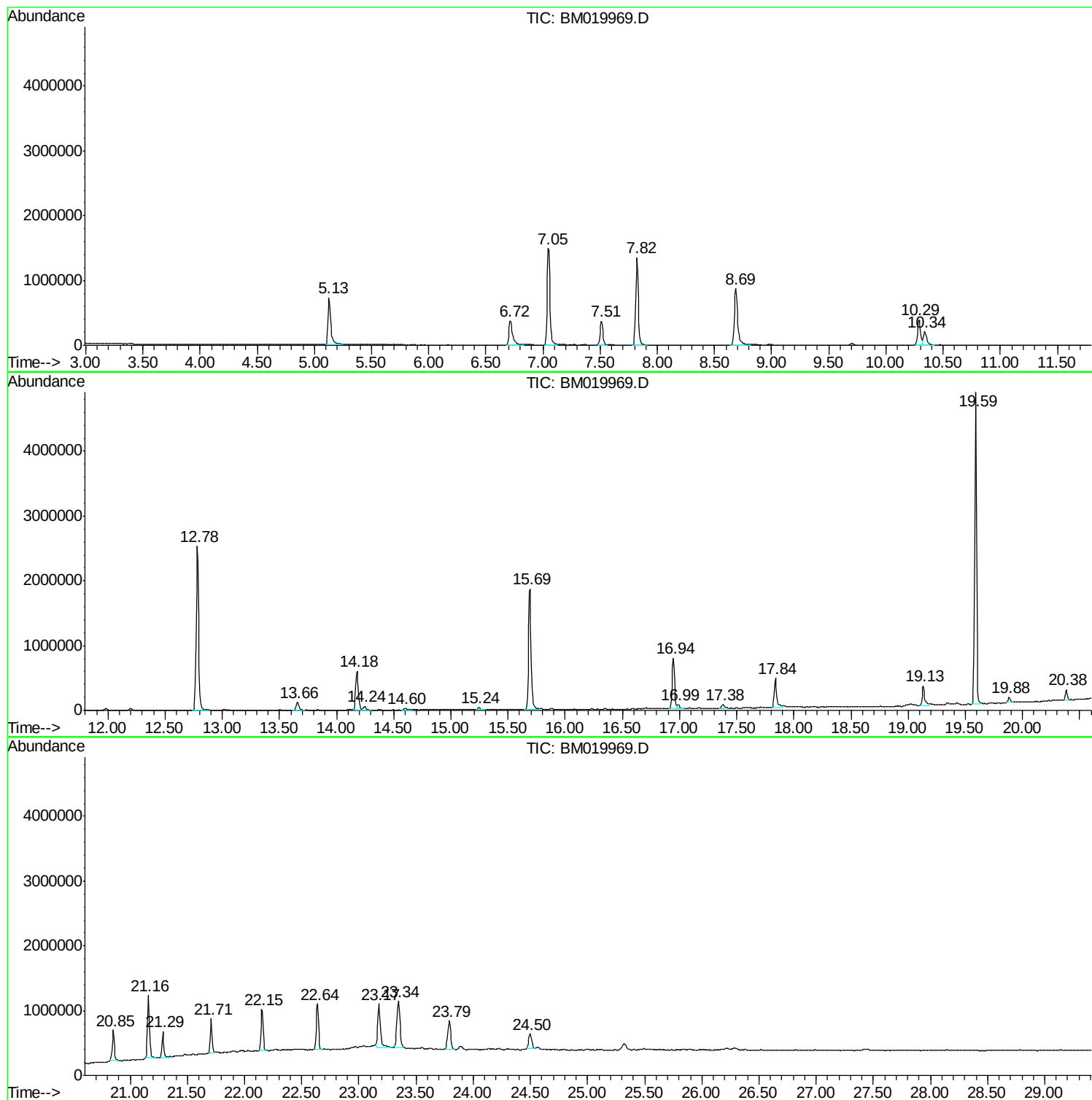
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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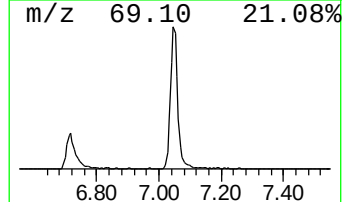
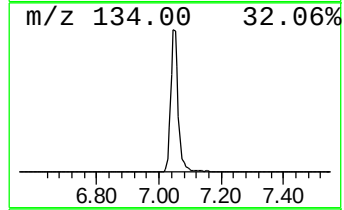
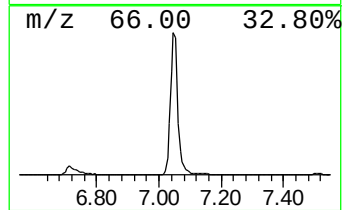
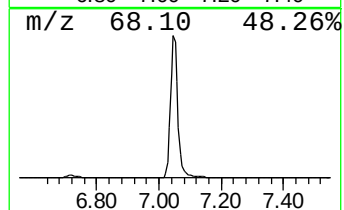
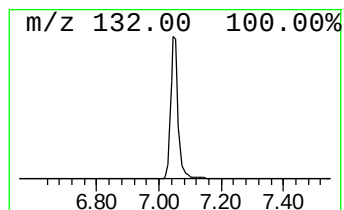
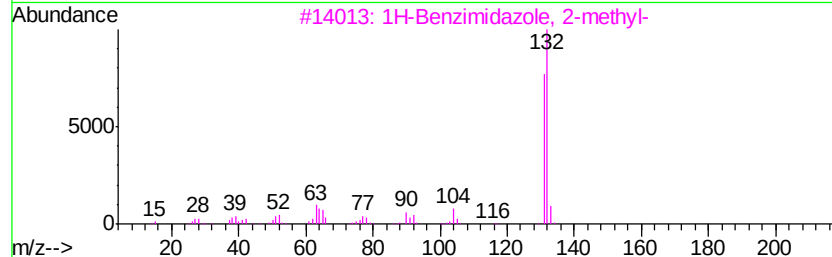
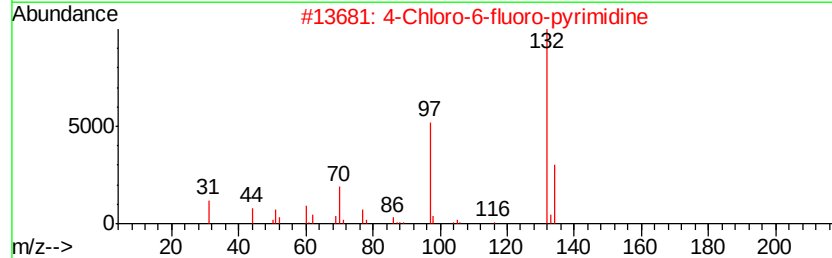
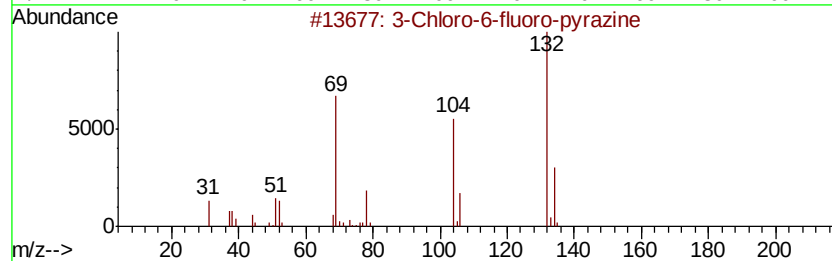
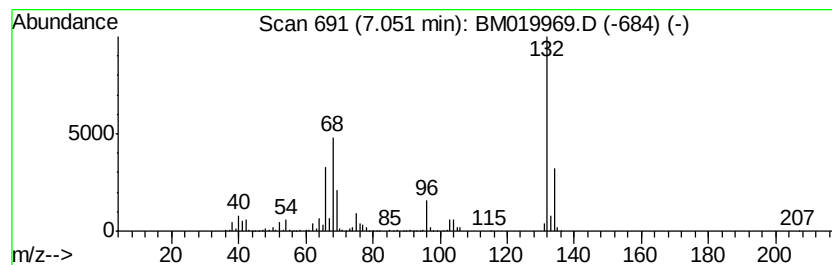
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	83.15 ng	2452250	1,4-Dichlorobenzene-d4	7.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4			5-Aminoindole	132	C8H8N2	005192-03-0	22
5			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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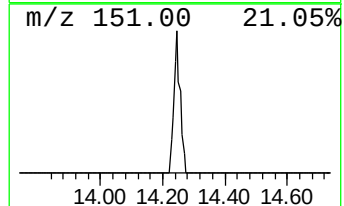
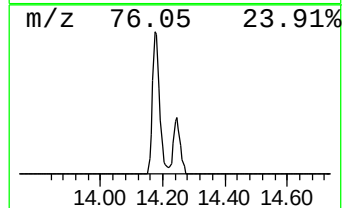
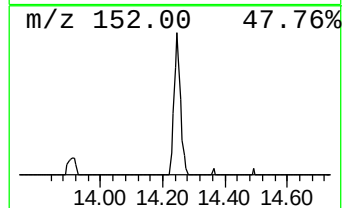
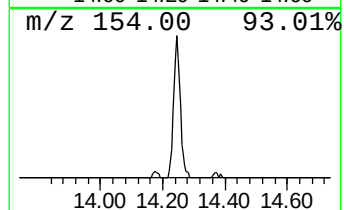
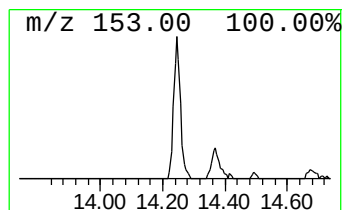
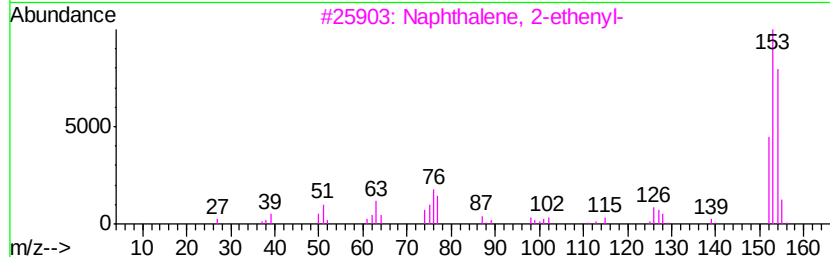
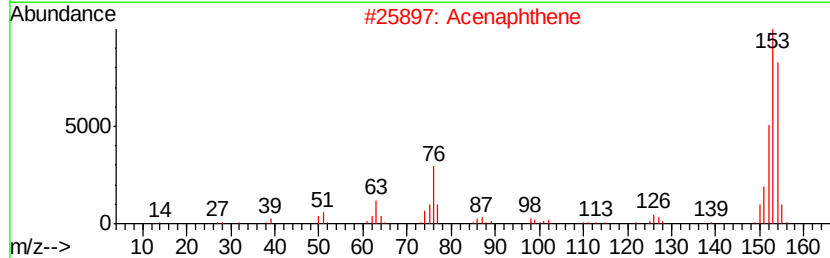
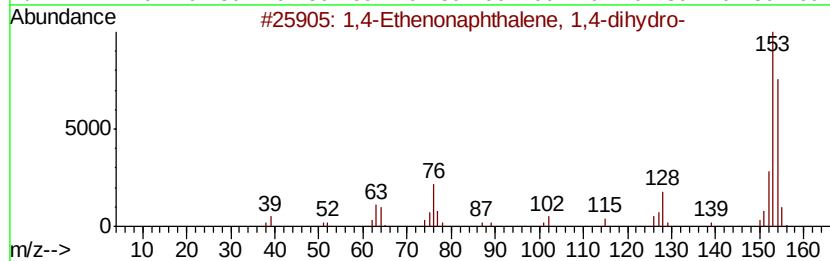
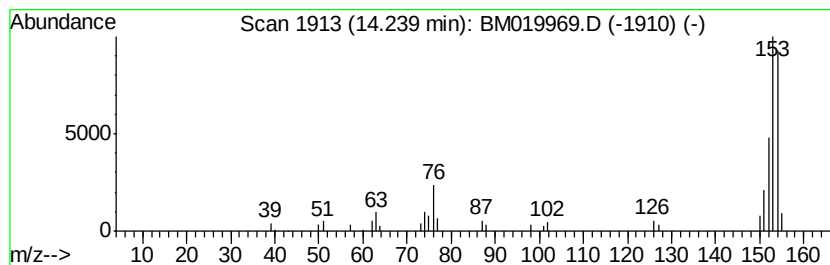
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1,4-Ethenonaphthalene, 1,4-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	2.02 ng	95764	Acenaphthene-d10	14.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	58
2		Acenaphthene	154	C12H10	000083-32-9	58
3		Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	50
4		3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	47
5		Biphenyl	154	C12H10	000092-52-4	43



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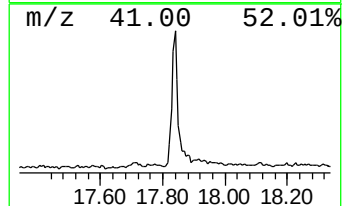
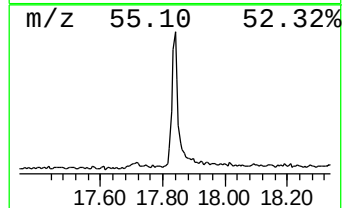
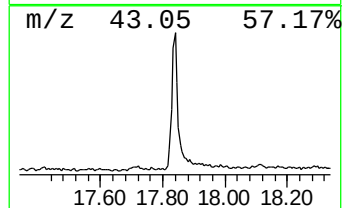
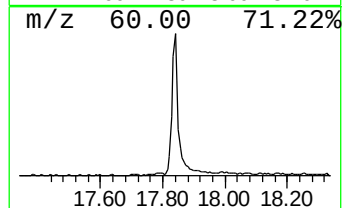
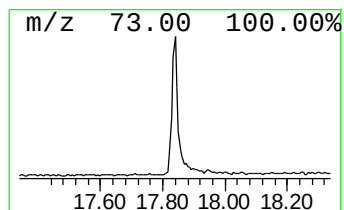
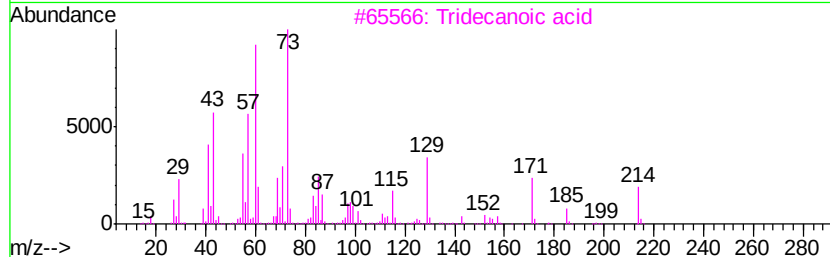
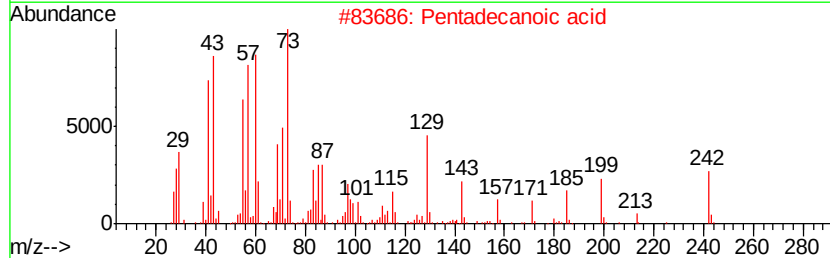
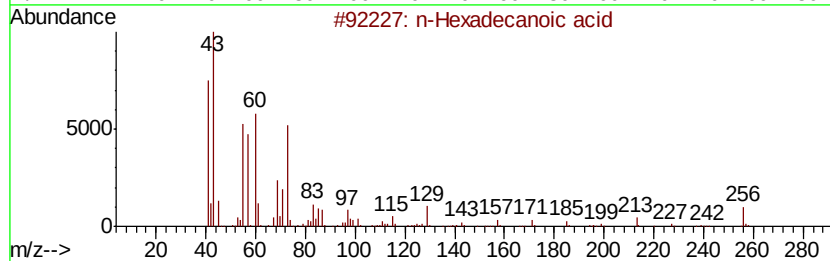
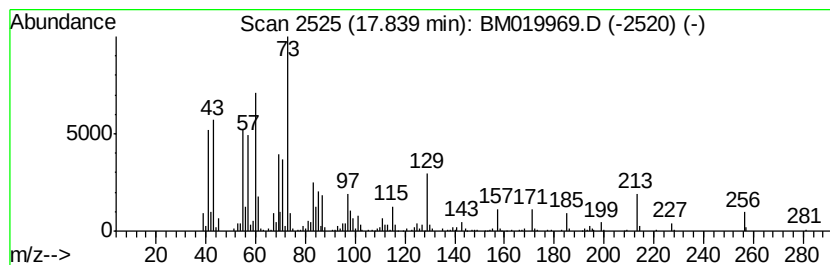
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.84	12.43 ng	691828	Phenanthrene-d10		16.94
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	62
3	Tridecanoic acid	214	C13H26O2	000638-53-9	50
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
5	Dodecanoic acid	200	C12H24O2	000143-07-7	43



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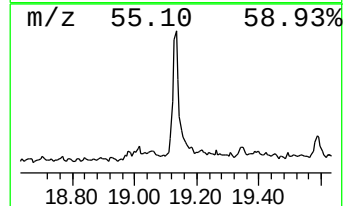
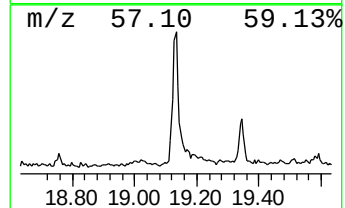
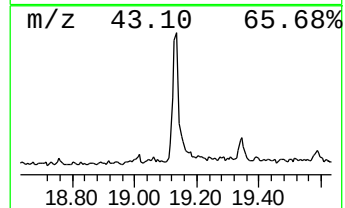
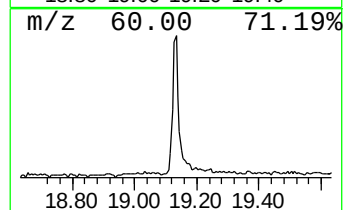
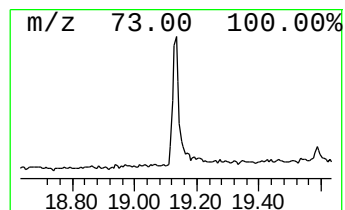
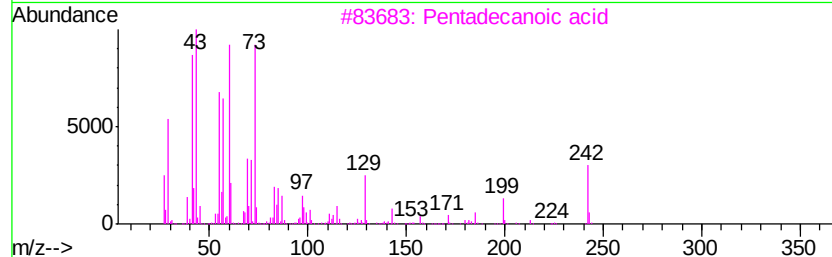
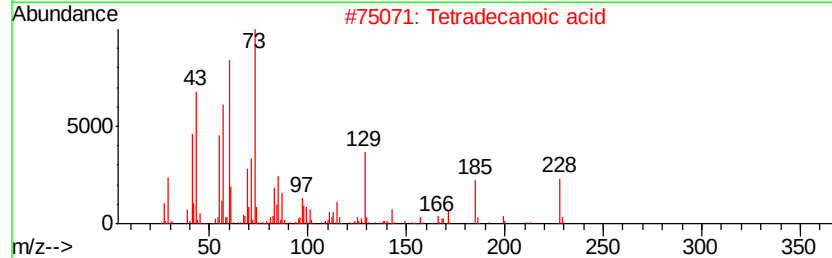
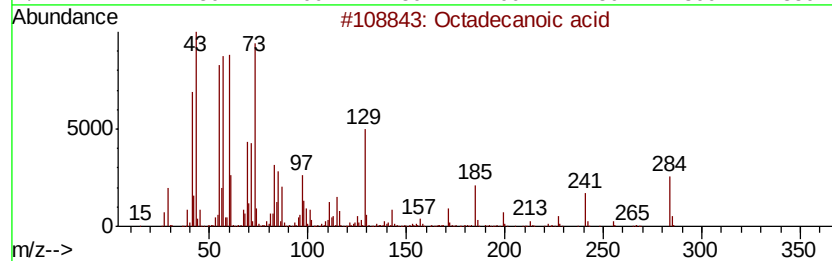
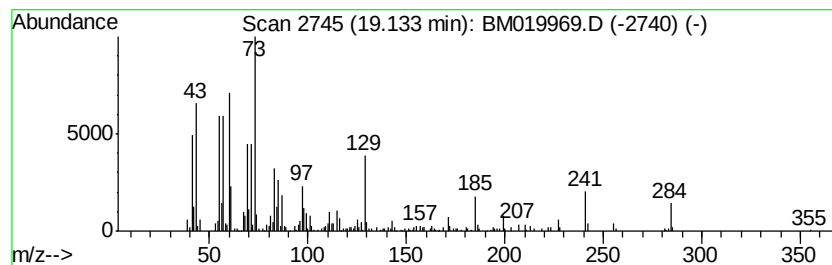
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	7.46 ng	475478	Chrysene-d12	21.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5		Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	64



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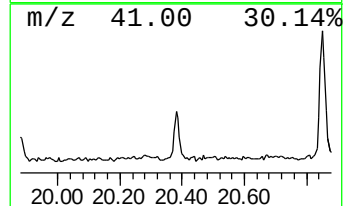
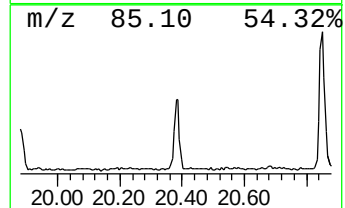
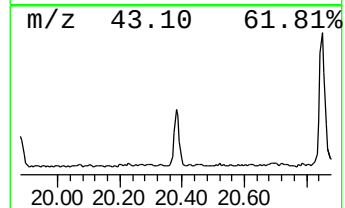
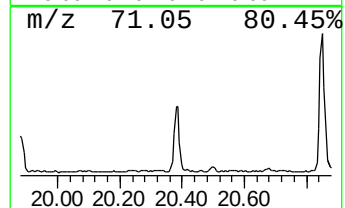
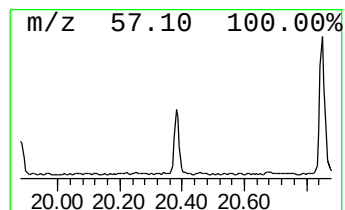
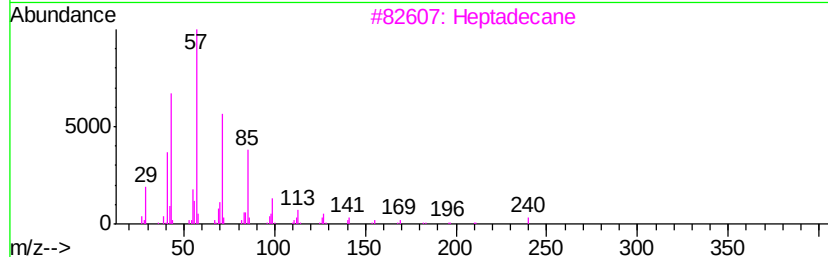
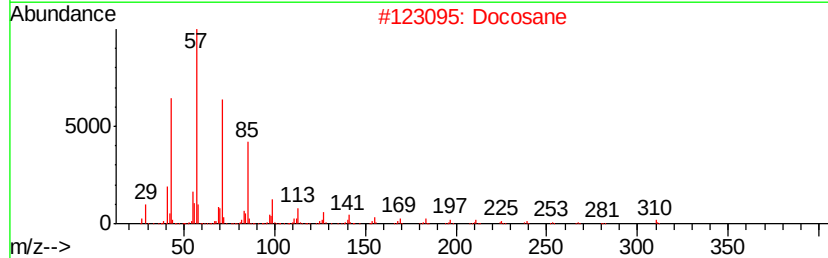
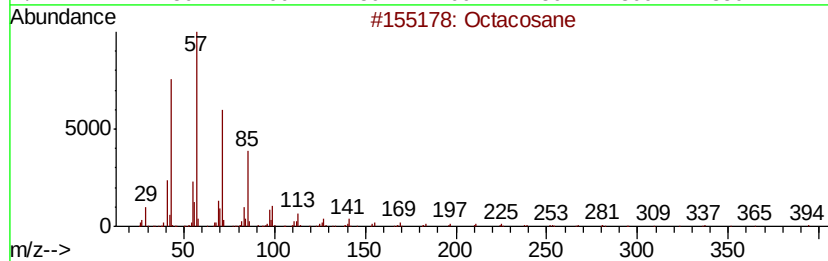
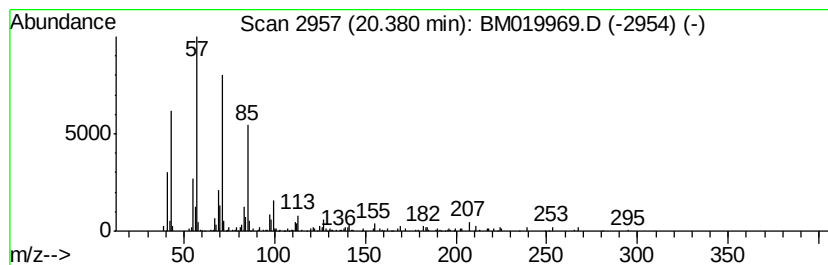
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	3.13 ng	199357	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	87
2		Docosane	310	C22H46	000629-97-0	87
3		Heptadecane	240	C17H36	000629-78-7	87
4		Nonacosane	408	C29H60	000630-03-5	86
5		Octadecane	254	C18H38	000593-45-3	86



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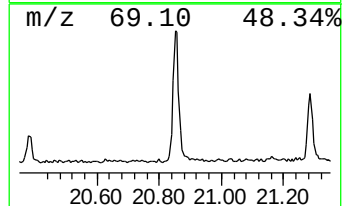
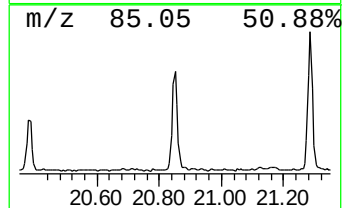
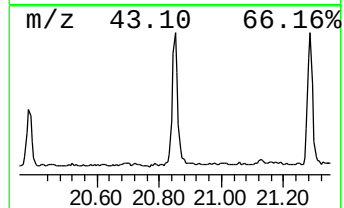
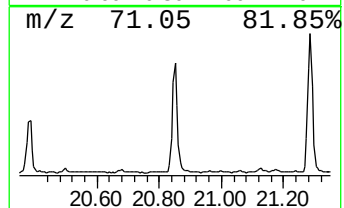
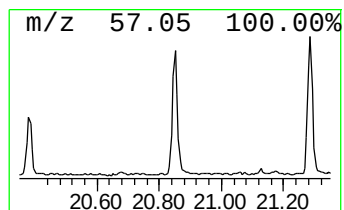
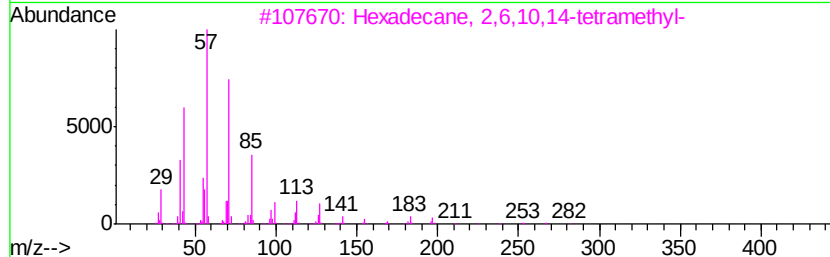
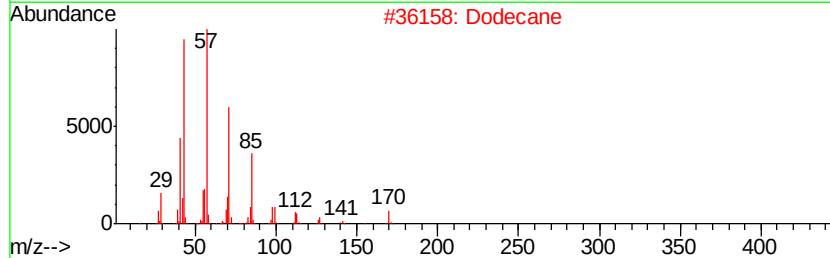
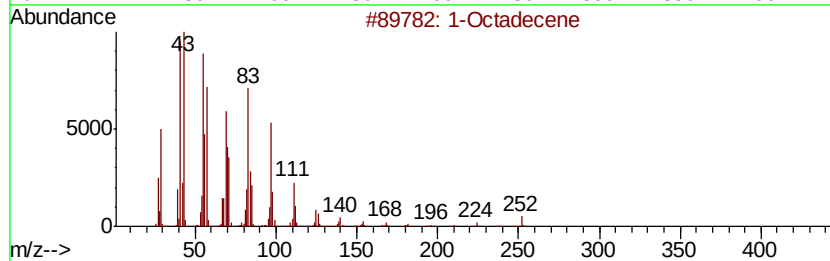
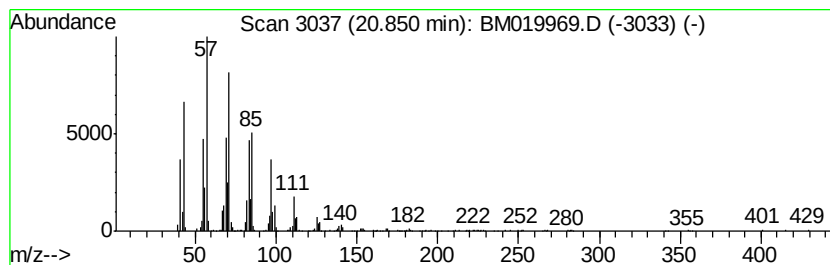
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1-Octadecene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	9.59 ng	611425	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecene	252	C18H36	000112-88-9	89
2		Dodecane	170	C12H26	000112-40-3	70
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
4		Nonadecane	268	C19H40	000629-92-5	58
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
Data File : BM019969.D
Acq On : 19 Apr 2019 00:35
Operator : JU/SJ
Sample : K2461-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

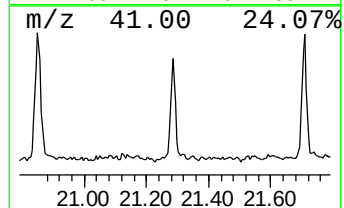
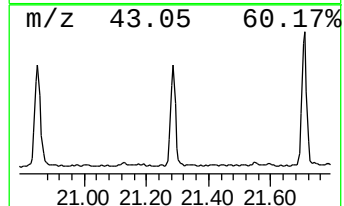
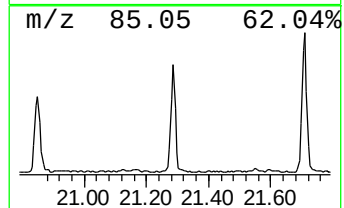
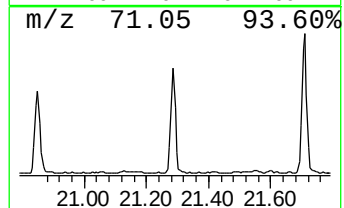
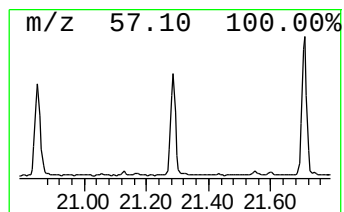
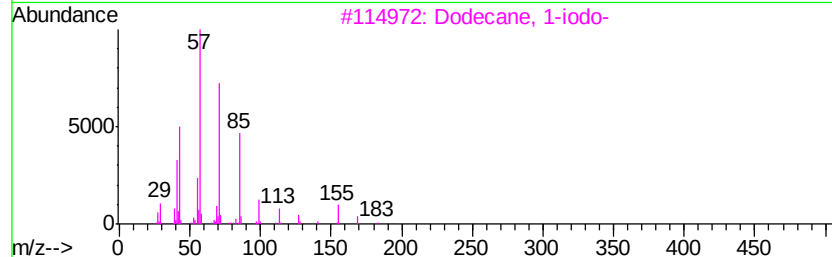
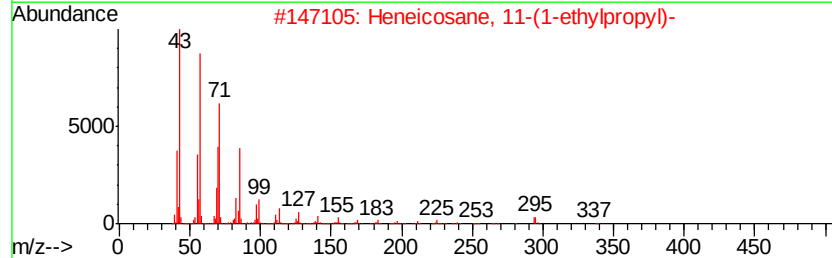
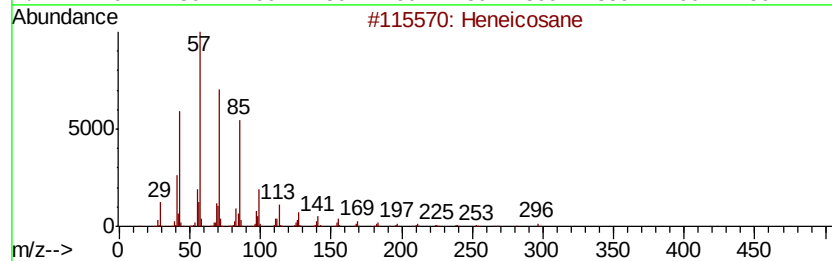
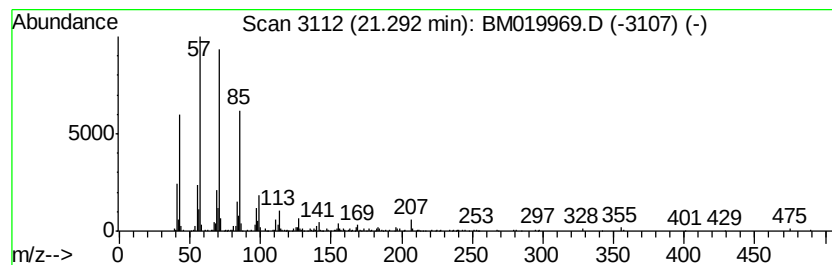
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.29	6.92 ng	440748	Chrysene-d12	21.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Octadecane	254	C18H38	000593-45-3	83
5	Heptacosane	380	C27H56	000593-49-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
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Instrument :
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ClientSampleId :
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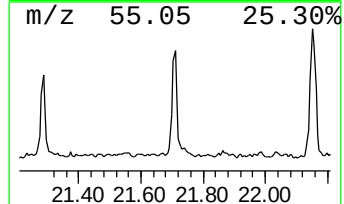
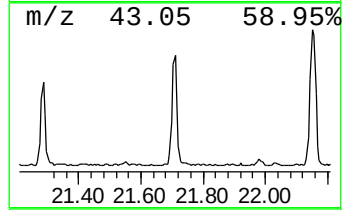
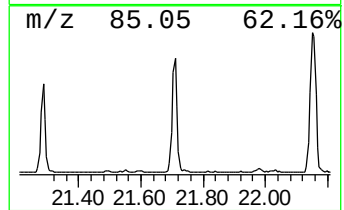
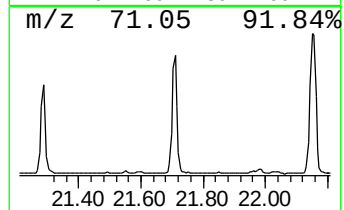
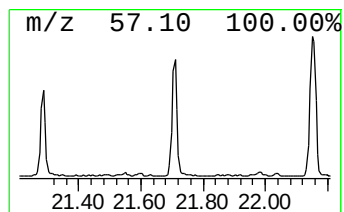
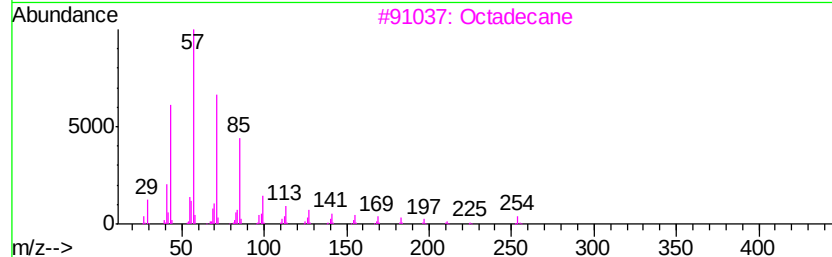
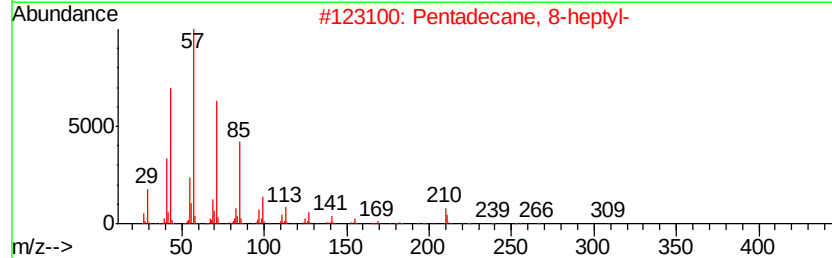
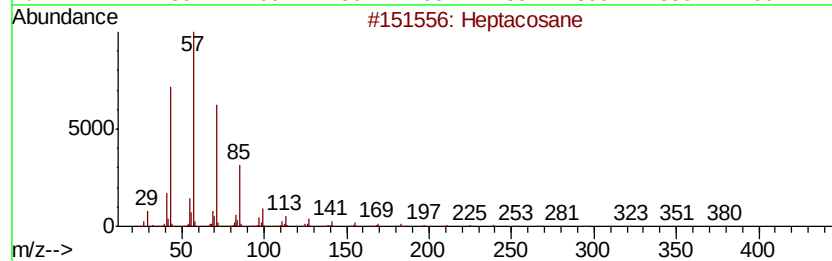
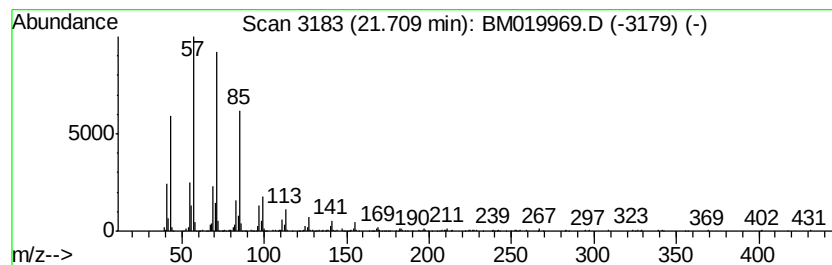
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.71	9.08 ng	578602	Chrysene-d12	21.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Pentadecane, 8-heptyl-		310	C22H46	071005-15-7	90
3	Octadecane		254	C18H38	000593-45-3	90
4	Heneicosane, 11-(1-ethylpropyl)-		366	C26H54	055282-11-6	90
5	Tridecane, 6-propyl-		226	C16H34	055045-10-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
Data File : BM019969.D
Acq On : 19 Apr 2019 00:35
Operator : JU/SJ
Sample : K2461-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

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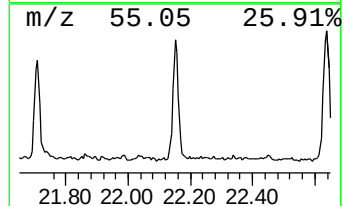
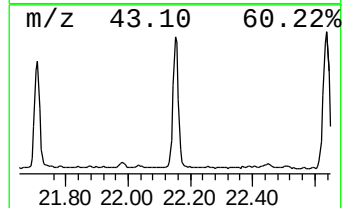
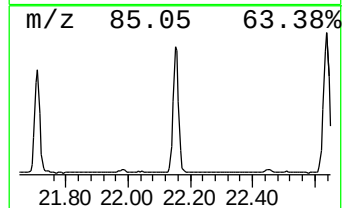
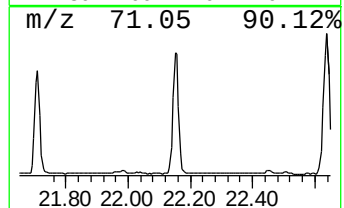
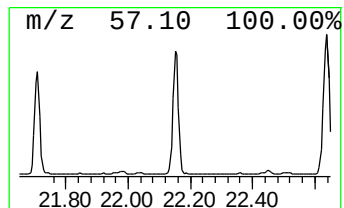
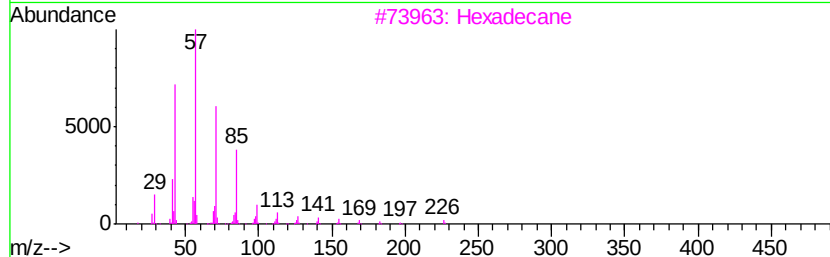
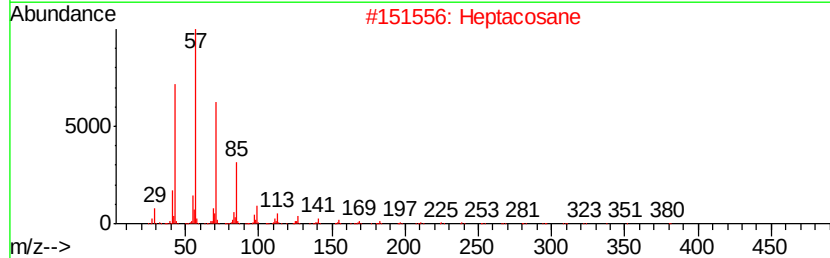
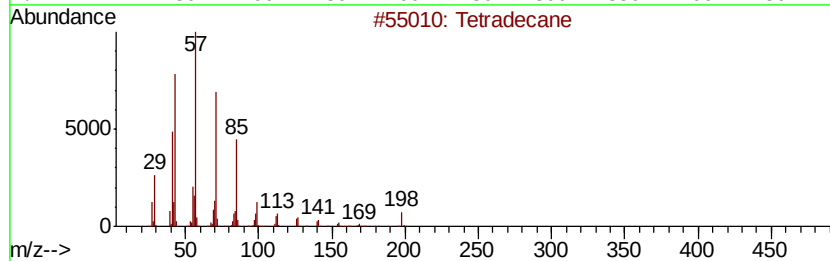
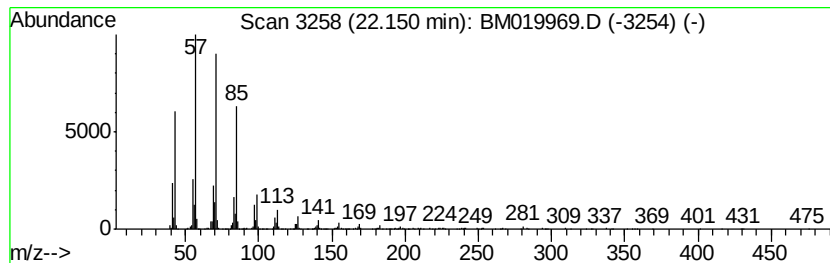
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.15	12.72 ng	810875	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Heptacosane	380	C27H56	000593-49-7	87
3		Hexadecane	226	C16H34	000544-76-3	86
4		Pentacosane	352	C25H52	000629-99-2	80
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
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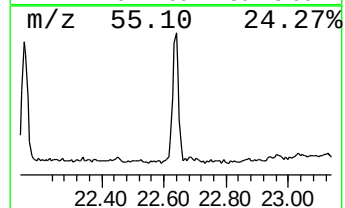
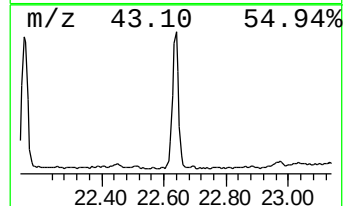
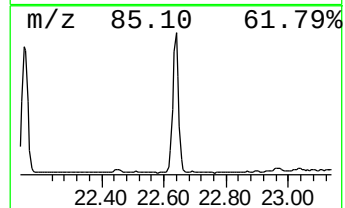
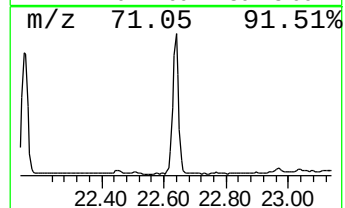
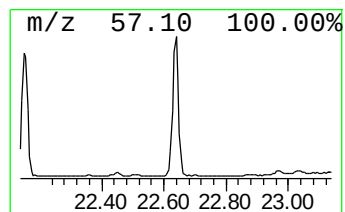
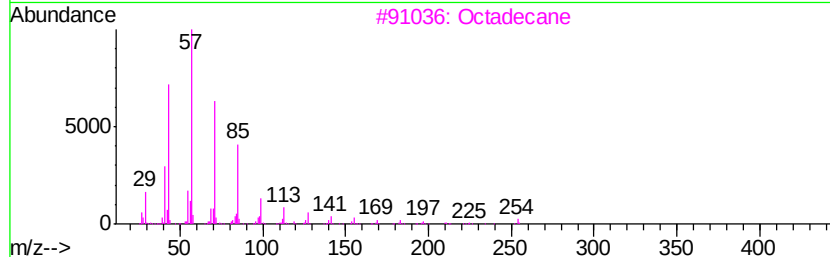
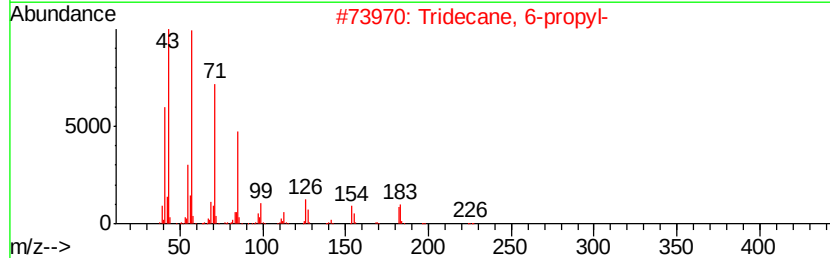
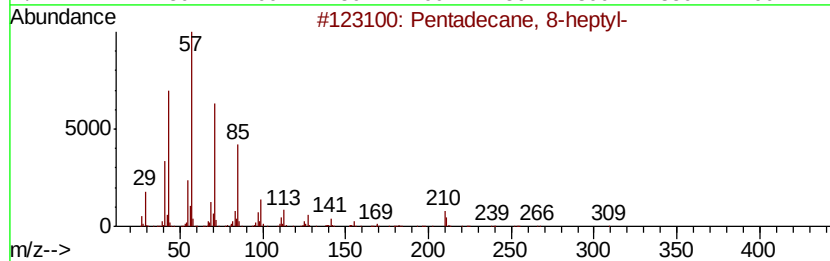
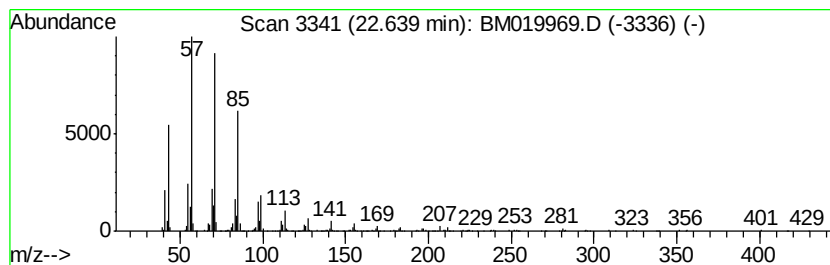
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Pentadecane, 8-heptyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	13.61 ng	928230	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2		Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
3		Octadecane	254	C18H38	000593-45-3	87
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
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Instrument :
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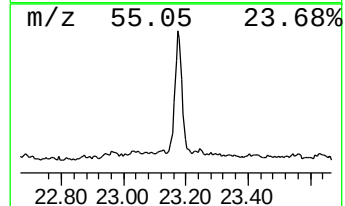
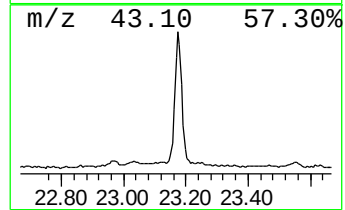
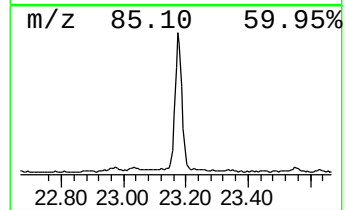
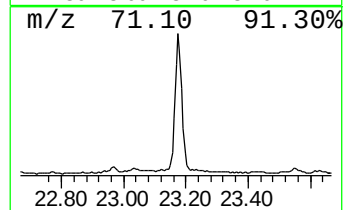
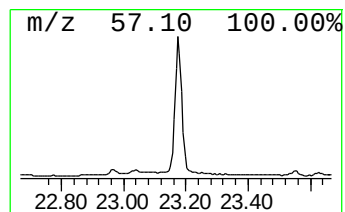
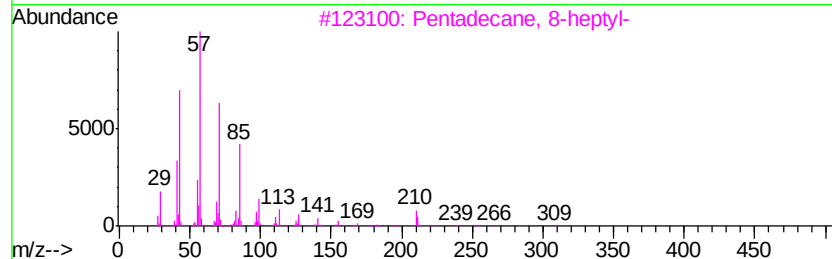
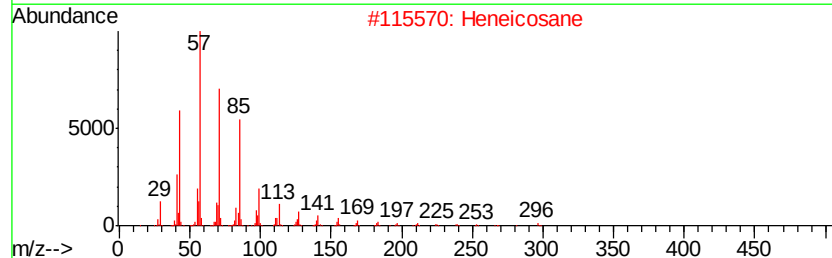
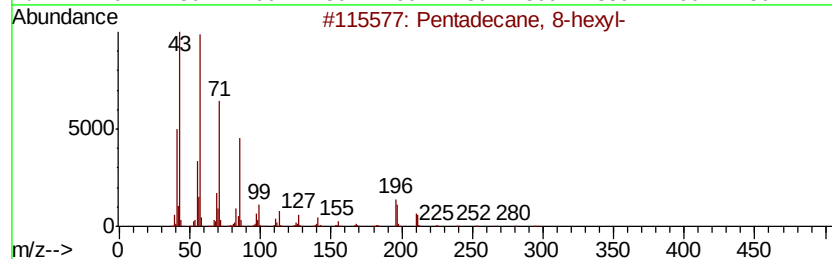
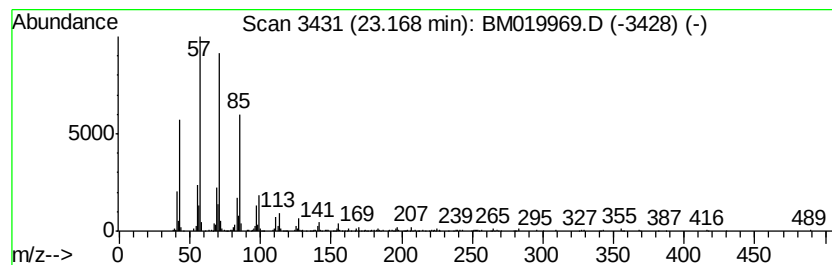
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TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 12 Pentadecane, 8-hexyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	16.97 ng	1157440	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
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 Acq On : 19 Apr 2019 00:35
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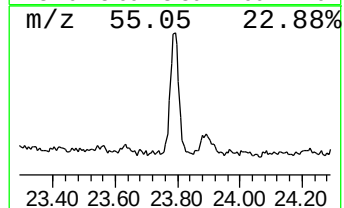
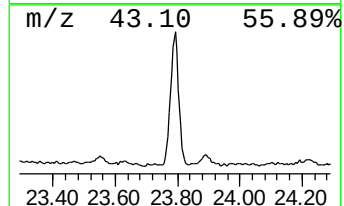
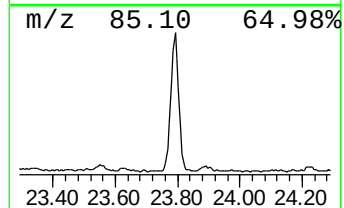
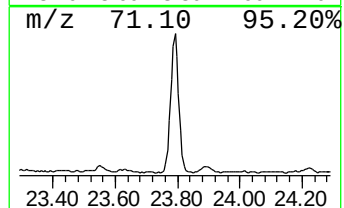
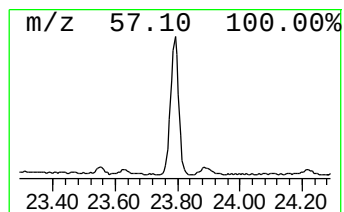
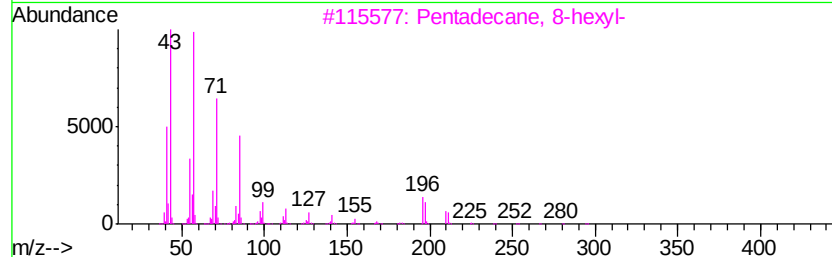
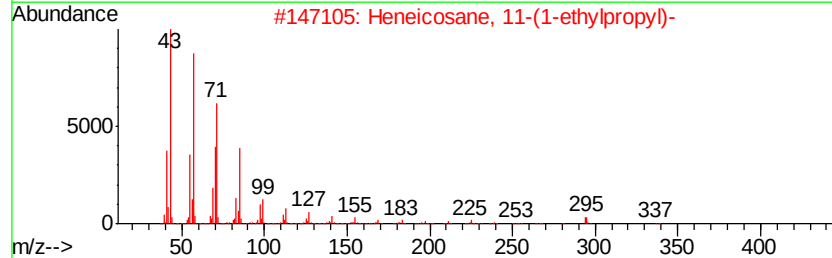
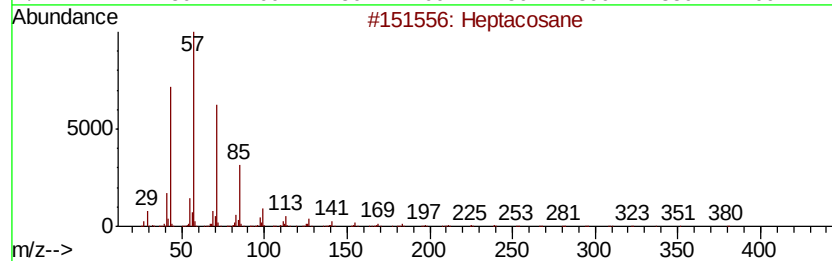
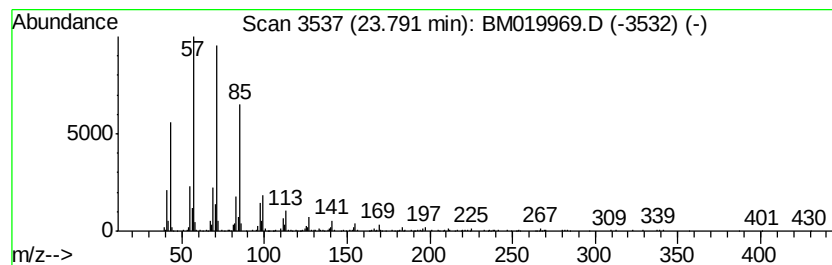
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TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 13 Heneicosane, 11-(1-ethylpro... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	11.96 ng	815614	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
4		Nonacosane	408	C29H60	000630-03-5	90
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
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Sample : K2461-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GMW-11

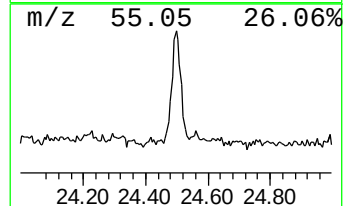
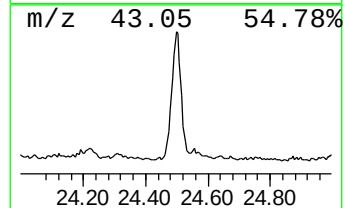
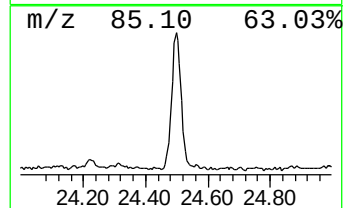
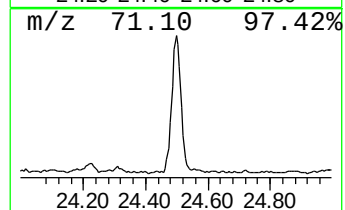
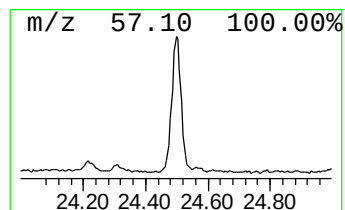
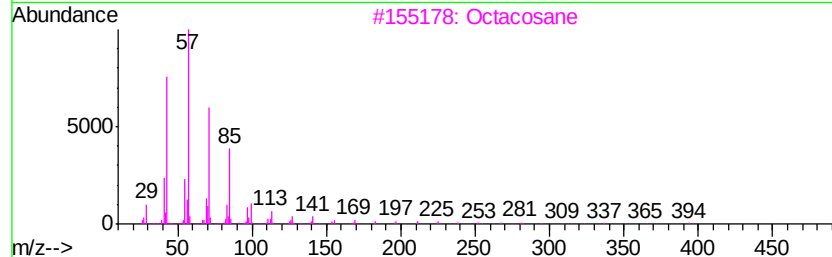
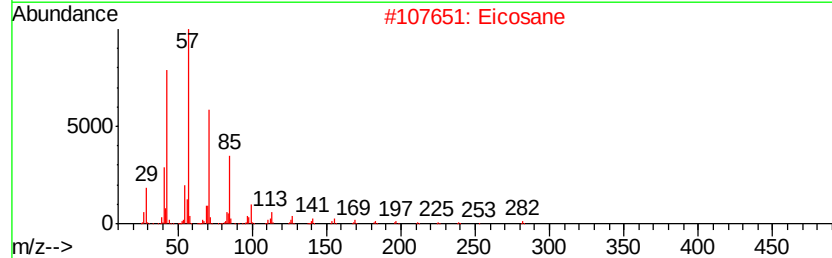
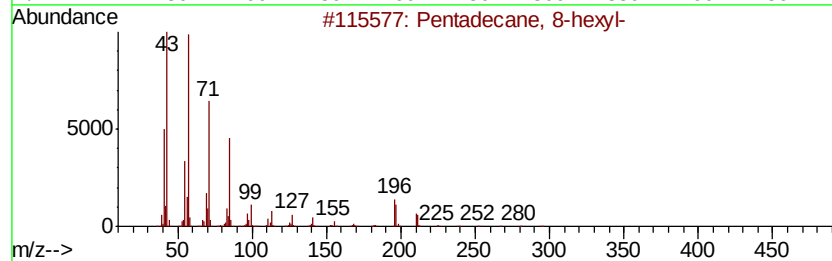
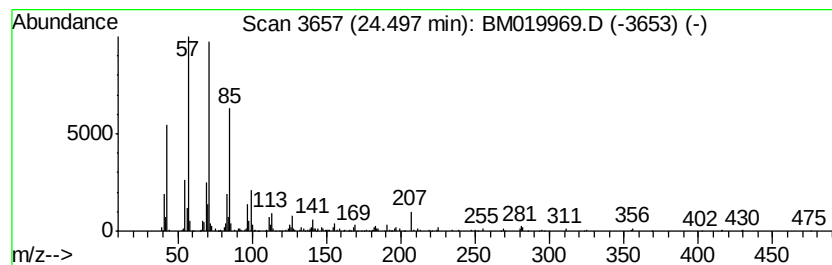
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.50	6.47 ng	441525	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
2		Eicosane	282	C20H42	000112-95-8	86
3		Octacosane	394	C28H58	000630-02-4	81
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	74
5		Heptacosane	380	C27H56	000593-49-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041819\
 Data File : BM019969.D
 Acq On : 19 Apr 2019 00:35
 Operator : JU/SJ
 Sample : K2461-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GMW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.05	7.05	83.2	ng	2452250	1	7.51	589817	20.0
1,4-Ethenonaphtha...	14.24	2.0	ng	95764	3	14.18	948723	20.0
n-Hexadecanoic acid	17.84	12.4	ng	691828	4	16.94	1112950	20.0
Octadecanoic acid	19.13	7.5	ng	475478	5	21.16	1274510	20.0
Octacosane	20.38	3.1	ng	199357	5	21.16	1274510	20.0
1-Octadecene	20.85	9.6	ng	611425	5	21.16	1274510	20.0
Heneicosane	21.29	6.9	ng	440748	5	21.16	1274510	20.0
Heptacosane	21.71	9.1	ng	578602	5	21.16	1274510	20.0
Tetradecane	22.15	12.7	ng	810875	5	21.16	1274510	20.0
Pentadecane, 8-he...	22.64	13.6	ng	928230	6	23.34	1363890	20.0
Pentadecane, 8-he...	23.17	17.0	ng	1157440	6	23.34	1363890	20.0
Heneicosane, 11-(...	23.79	12.0	ng	815614	6	23.34	1363890	20.0
Eicosane	24.50	6.5	ng	441525	6	23.34	1363890	20.0