

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
 Data File : BM018941.D
 Acq On : 26 Feb 2019 22:14
 Operator : JU/SJ
 Sample : K1620-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-01

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-BM021119.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	5.287	367	374	392	rBV	4487016	6313446	77.02%	8.006%
2	6.869	635	643	661	rBV	4222848	6755415	82.41%	8.567%
3	7.228	696	704	723	rBV	4445841	6975620	85.10%	8.846%
4	7.692	776	783	790	rBV	1252086	1929141	23.53%	2.446%
5	8.010	829	837	848	rBV	3235843	5129963	62.58%	6.506%
6	8.863	973	982	1000	rBV	2323350	3963559	48.35%	5.026%
7	10.480	1250	1257	1270	rBV	1415532	2426113	29.60%	3.077%
8	12.845	1655	1659	1665	rVB	128317	172254	2.10%	0.218%
9	12.957	1671	1678	1694	rBV	5399533	7693522	93.86%	9.757%
10	13.139	1703	1709	1719	rVB2	130172	254167	3.10%	0.322%
11	13.804	1815	1822	1827	rBV2	478513	704148	8.59%	0.893%
12	13.845	1827	1829	1839	rVB4	58936	99677	1.22%	0.126%
13	14.074	1862	1868	1878	rBV7	50734	148715	1.81%	0.189%
14	14.157	1878	1882	1888	rVB3	78876	129803	1.58%	0.165%
15	14.221	1888	1893	1901	rBV	396975	587810	7.17%	0.745%
16	14.292	1901	1905	1908	rVV3	66262	102085	1.25%	0.129%
17	14.345	1908	1914	1921	rVB2	1724367	2679082	32.68%	3.397%
18	14.668	1961	1969	1975	rBV4	63855	189630	2.31%	0.240%
19	14.727	1975	1979	1983	rVV	85740	133878	1.63%	0.170%
20	14.845	1995	1999	2005	rVV3	141507	201030	2.45%	0.255%
21	15.115	2042	2045	2051	rBV3	76079	129320	1.58%	0.164%
22	15.180	2051	2056	2060	rBV	626760	755970	9.22%	0.959%
23	15.586	2119	2125	2129	rBV	399206	627332	7.65%	0.796%
24	15.680	2138	2141	2146	rVB3	77581	107672	1.31%	0.137%
25	15.739	2147	2151	2158	rBV4	85543	177845	2.17%	0.226%
26	15.804	2158	2162	2163	rBV	86335	104897	1.28%	0.133%
27	15.839	2163	2168	2178	rVB	3373071	4619399	56.35%	5.858%
28	16.045	2198	2203	2204	rBV	855257	954089	11.64%	1.210%
29	16.386	2258	2261	2264	rBV	68031	104626	1.28%	0.133%
30	16.839	2334	2338	2341	rBV	662967	754020	9.20%	0.956%
31	16.886	2342	2346	2351	rVB	562597	741810	9.05%	0.941%
32	17.098	2376	2382	2387	rBV	1828991	2740321	33.43%	3.475%
33	17.492	2446	2449	2455	rVB2	143883	212593	2.59%	0.270%
34	17.574	2459	2463	2470	rVB	607410	766034	9.35%	0.971%

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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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35	17.980	2528	2532	2536	rBV	369143	501241	6.11%	0.636%
36	18.268	2578	2581	2586	rVB	453689	545172	6.65%	0.691%
37	18.909	2686	2690	2695	rBV	373032	438848	5.35%	0.557%
38	19.268	2749	2751	2761	rVB3	98893	145734	1.78%	0.185%
39	19.492	2786	2789	2793	rVB	246740	259744	3.17%	0.329%
40	19.733	2824	2830	2838	rVB	6501960	8197197	100.00%	10.395%
41	20.027	2877	2880	2885	rVB	209245	219817	2.68%	0.279%
42	20.527	2962	2965	2969	rVB	150702	162212	1.98%	0.206%
43	20.992	3040	3044	3050	rBV	379068	495444	6.04%	0.628%
44	21.291	3090	3095	3100	rBV	2531688	3102931	37.85%	3.935%
45	21.427	3115	3118	3124	rVB	231759	227858	2.78%	0.289%
46	21.862	3189	3192	3196	rVB	256612	270423	3.30%	0.343%
47	22.321	3267	3270	3278	rVB	389988	531622	6.49%	0.674%
48	22.827	3353	3356	3362	rVB	369160	517556	6.31%	0.656%
49	23.397	3449	3453	3461	rVB	339313	532561	6.50%	0.675%
50	23.538	3471	3477	3489	rVB	1710145	3321950	40.53%	4.213%

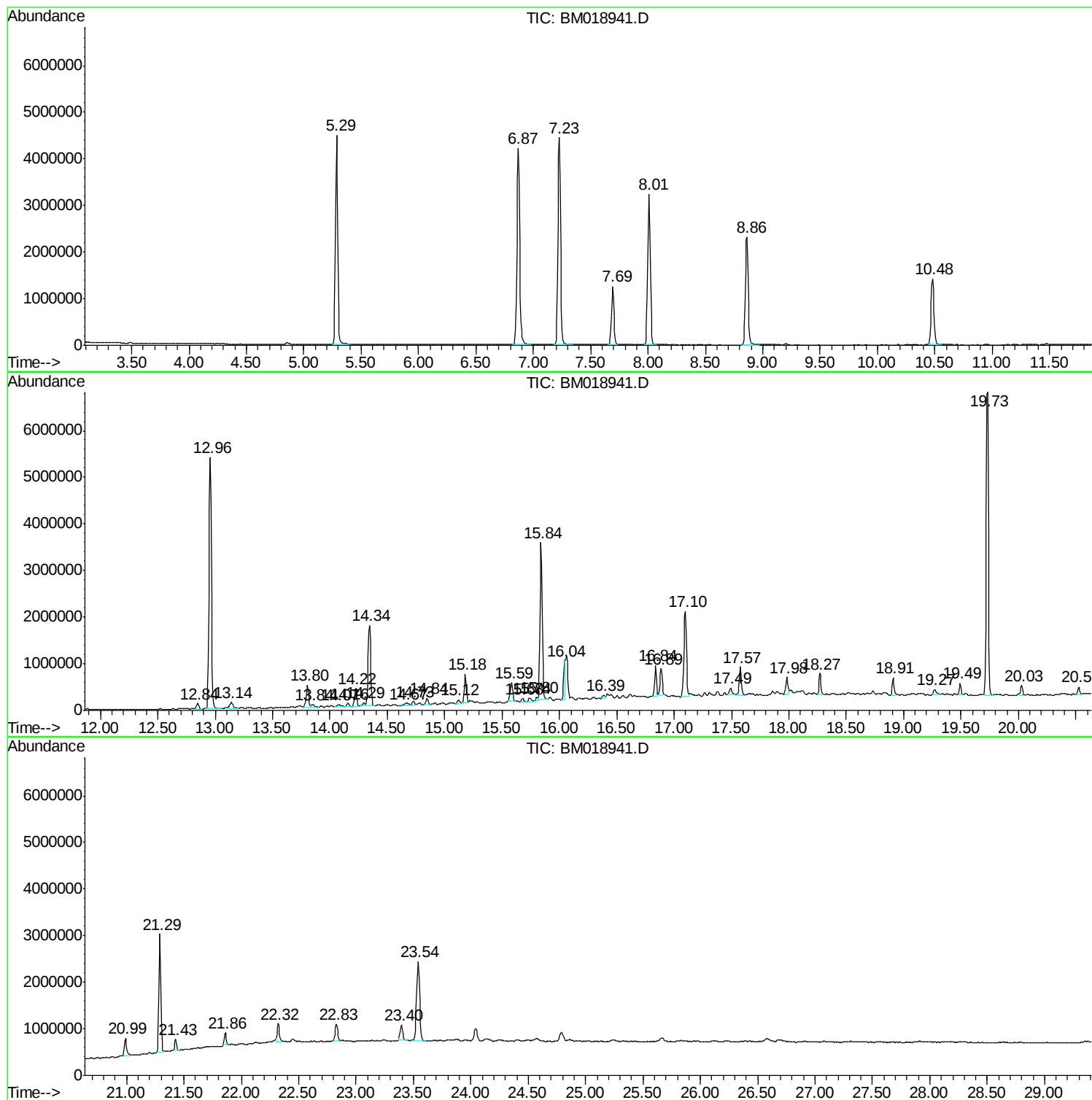
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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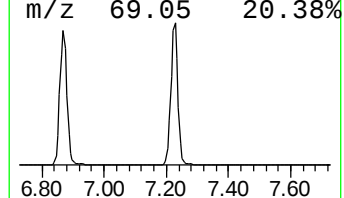
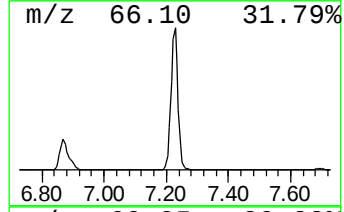
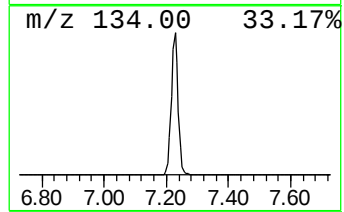
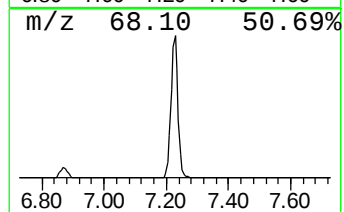
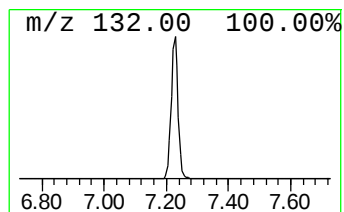
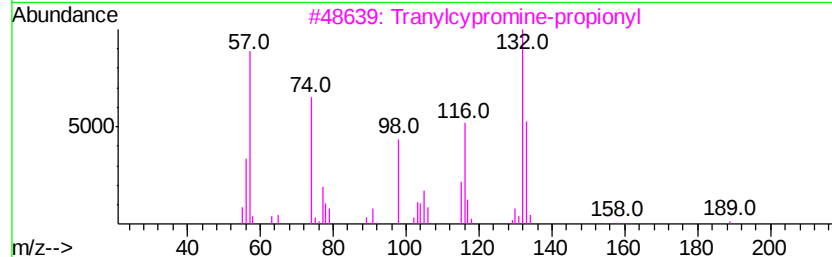
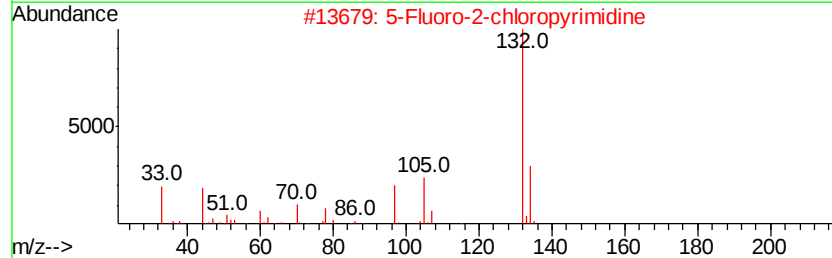
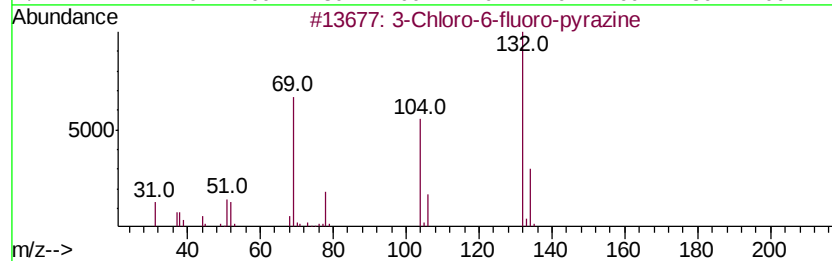
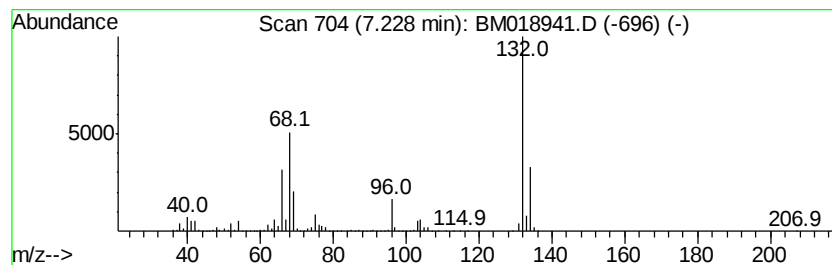
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	72.32 ng	6975620	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	9



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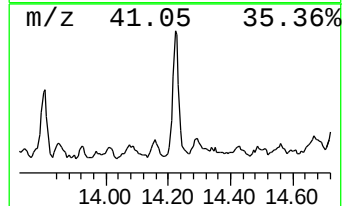
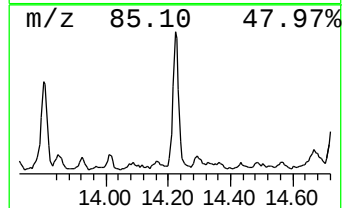
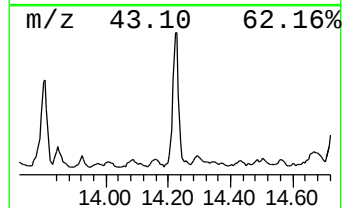
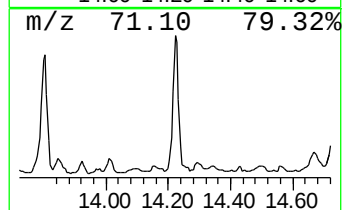
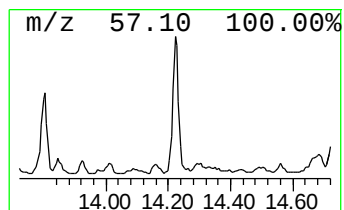
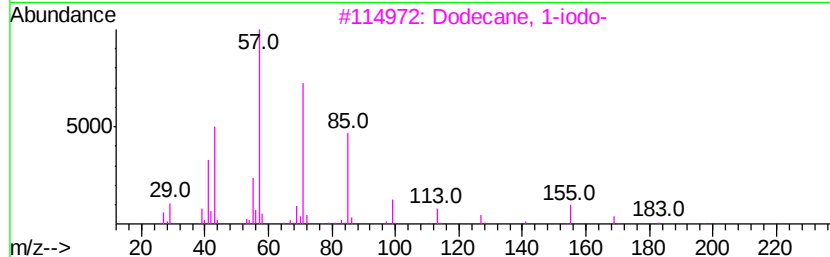
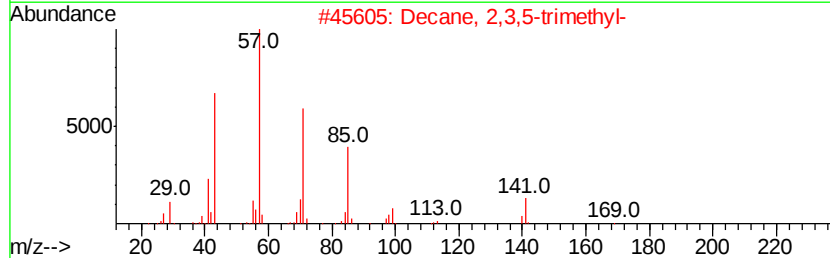
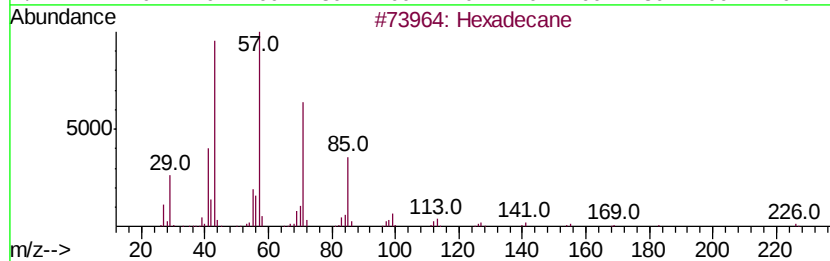
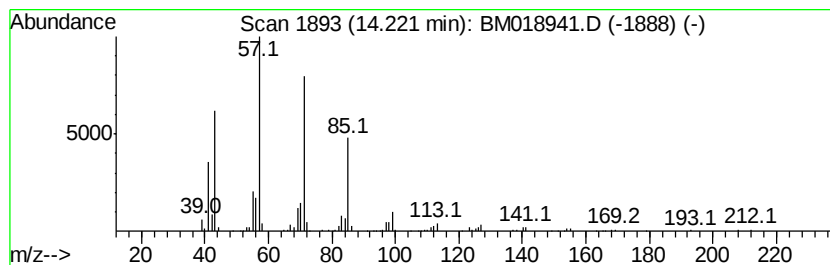
Instrument :
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	4.39 ng	587810	Acenaphthene-d10	14.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	90
2	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	83
3	Dodecane, 1-iodo-	296 C12H25I	004292-19-7	80
4	Nonadecane	268 C19H40	000629-92-5	62
5	Nonane, 1-iodo-	254 C9H19I	004282-42-2	59



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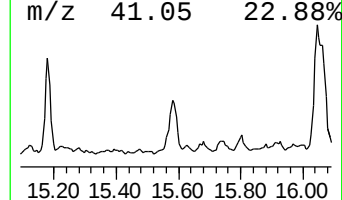
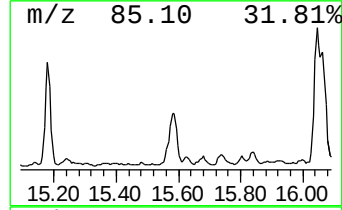
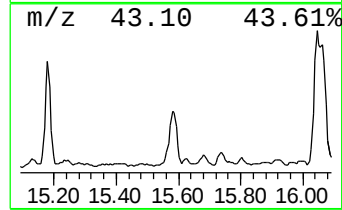
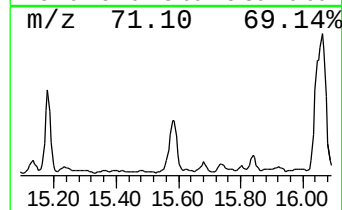
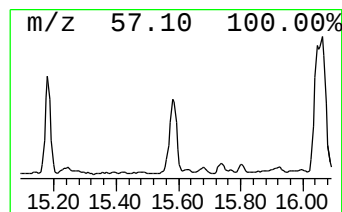
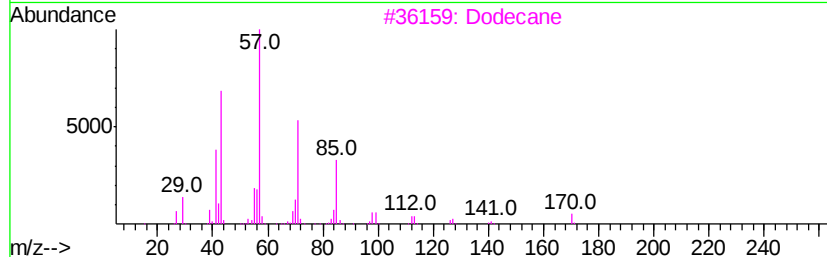
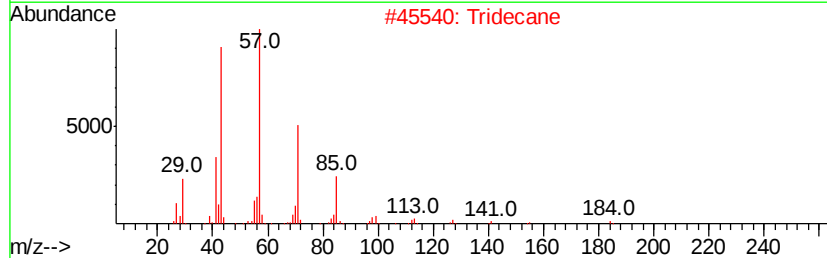
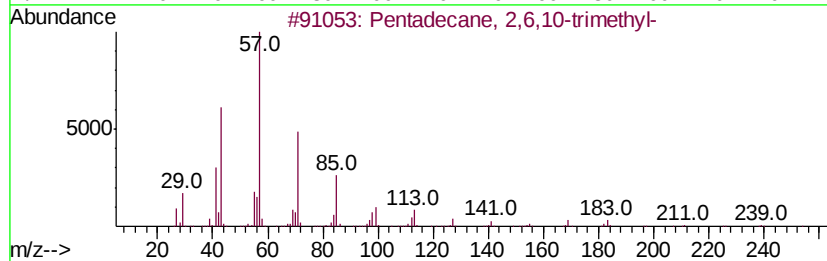
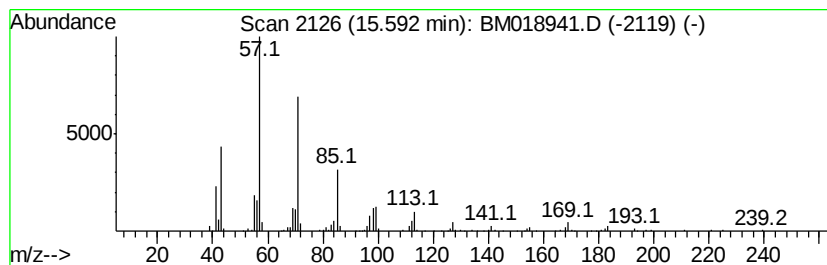
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Pentadecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	4.68 ng	627332	Acenaphthene-d10	14.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2		Tridecane	184	C13H28	000629-50-5	87
3		Dodecane	170	C12H26	000112-40-3	86
4		Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	80
5		Eicosane	282	C20H42	000112-95-8	80



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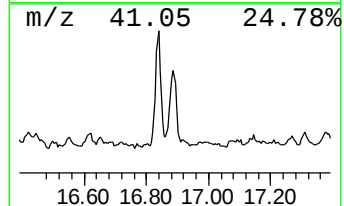
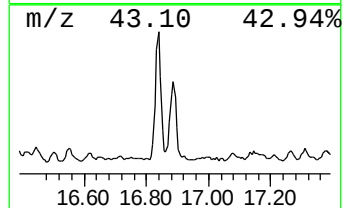
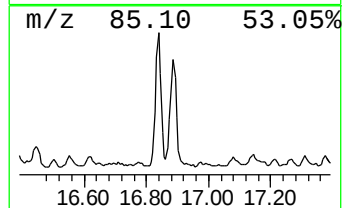
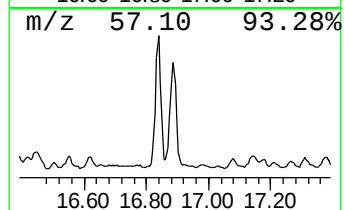
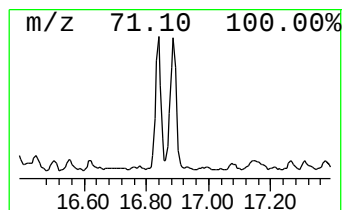
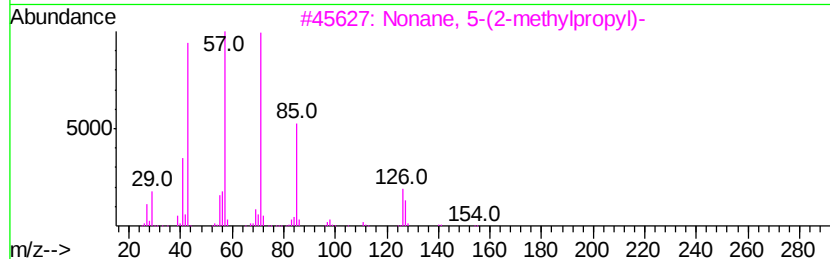
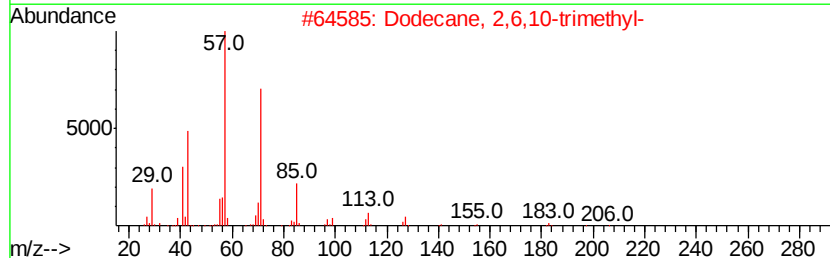
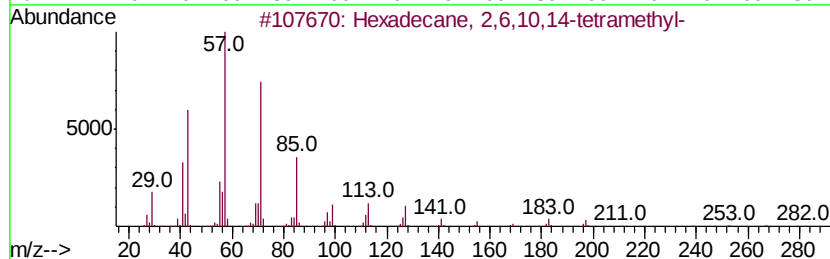
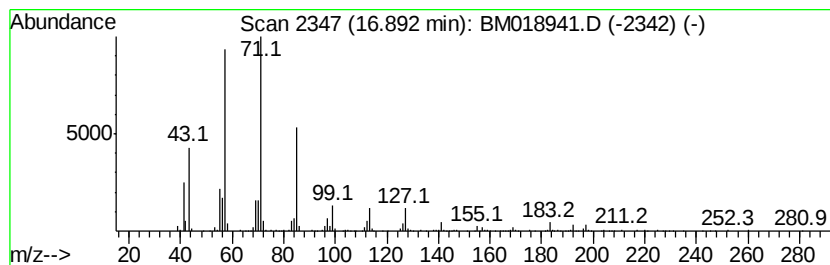
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Hexadecane, 2,6,10,14-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	5.41 ng	741810	Phenanthrene-d10	17.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	60
5		Hexadecane	226	C16H34	000544-76-3	58



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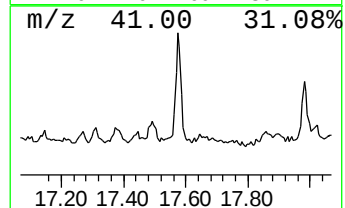
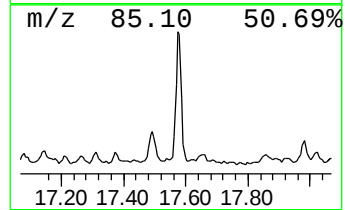
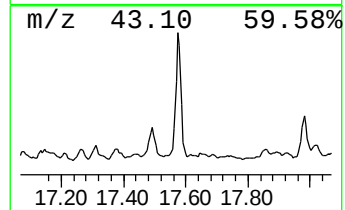
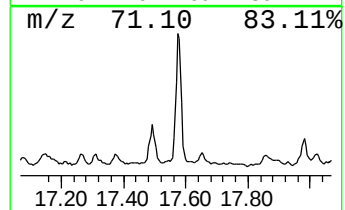
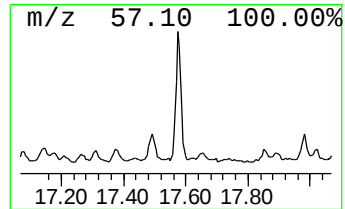
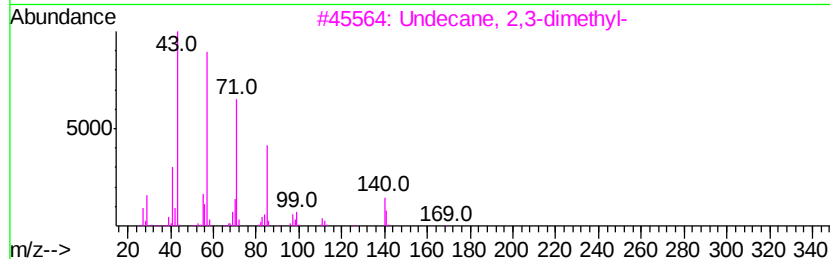
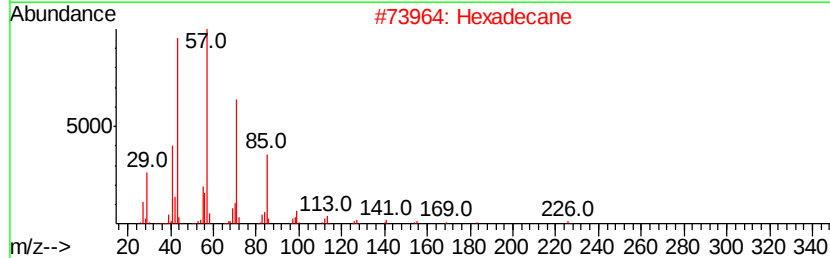
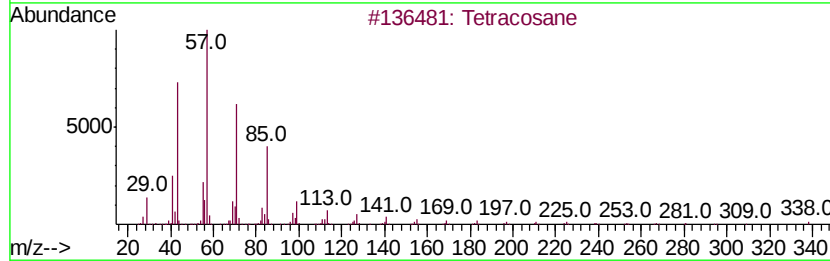
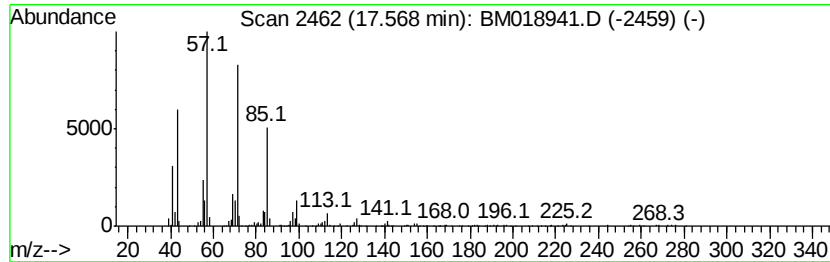
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	5.59 ng	766034	Phenanthrene-d10	17.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5		Tridecane, 7-propyl-	226	C16H34	055045-09-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018941.D
Acq On : 26 Feb 2019 22:14
Operator : JU/SJ
Sample : K1620-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

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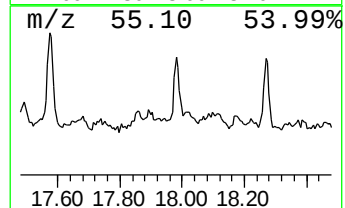
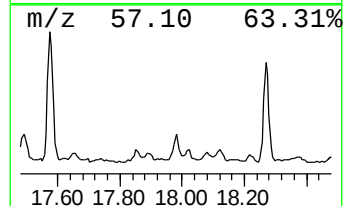
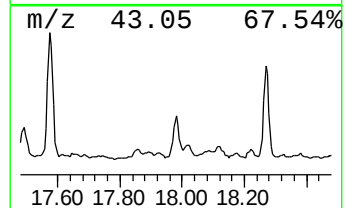
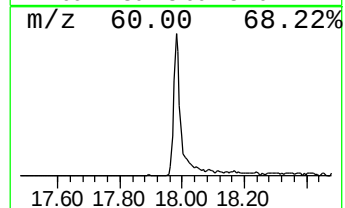
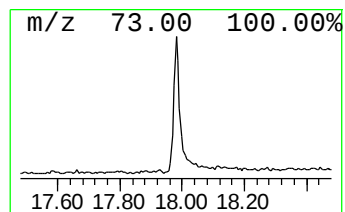
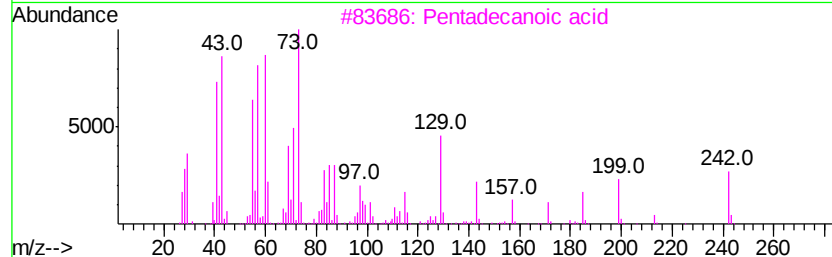
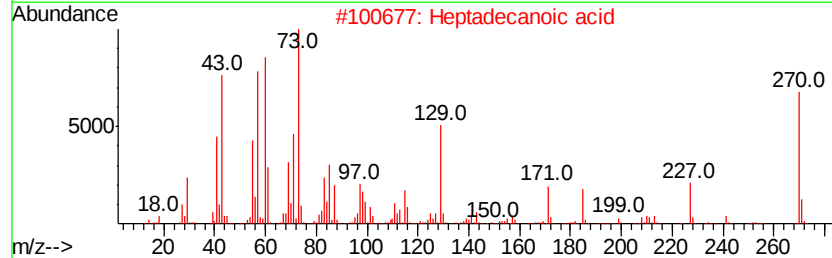
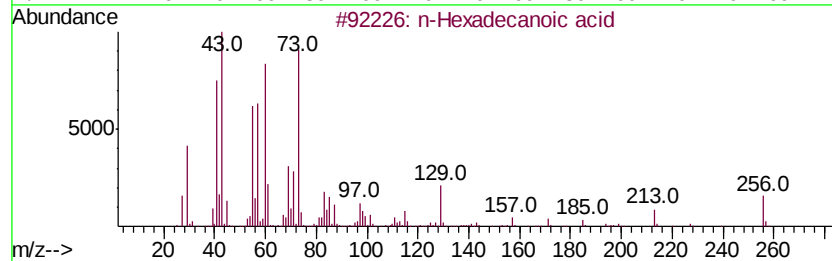
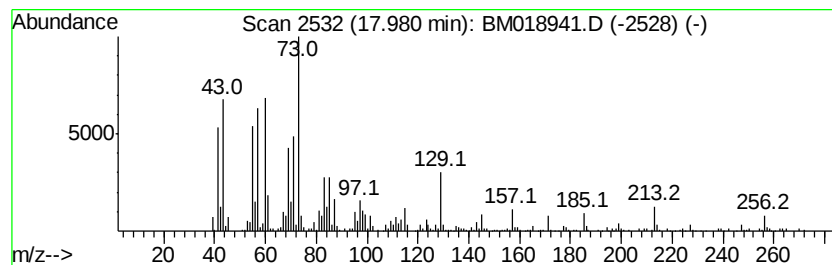
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	3.66 ng	501241	Phenanthrene-d10	17.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Heptadecanoic acid	270	C17H34O2	000506-12-7	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	35
5		Methyl-.alpha.-d-ribofuranoside	164	C6H12O5	1000129-83-1	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018941.D
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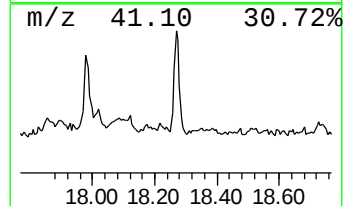
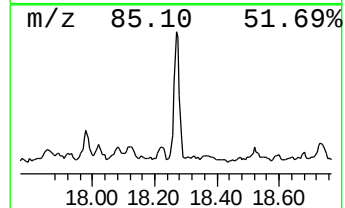
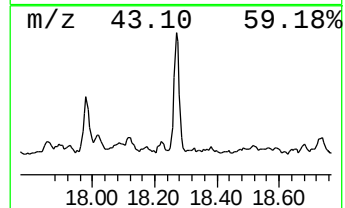
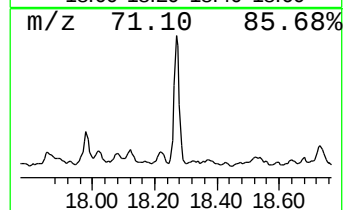
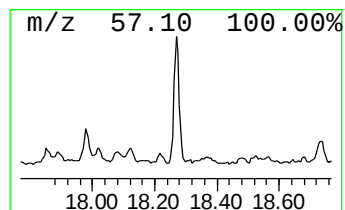
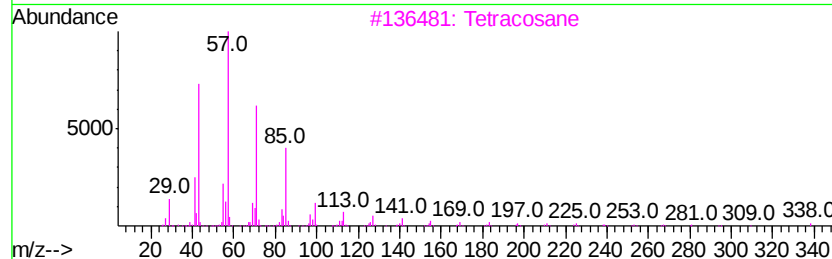
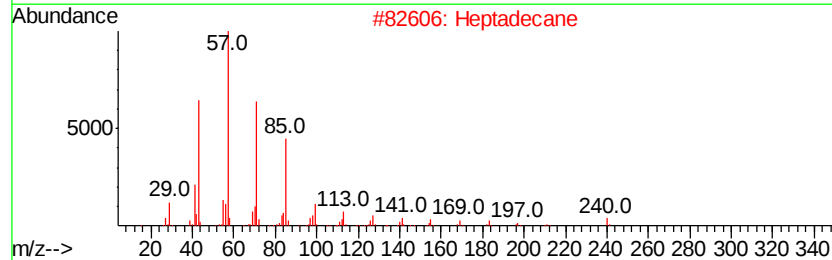
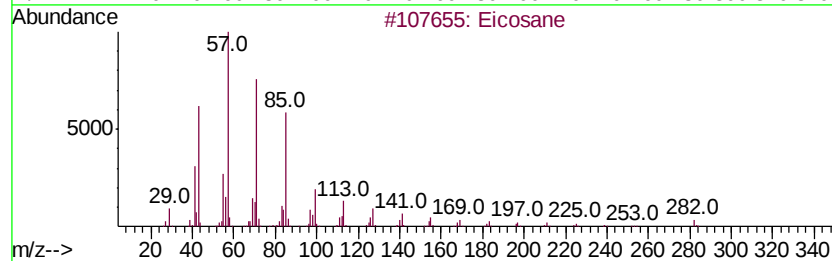
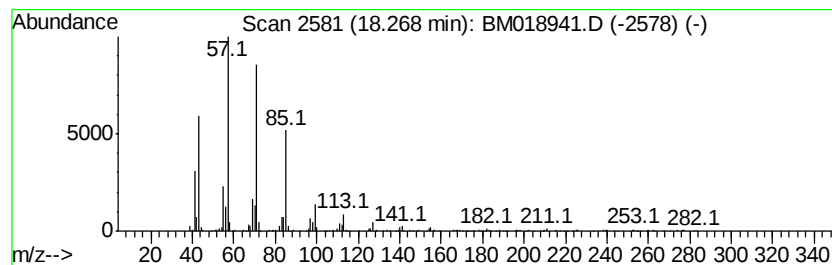
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	3.98 ng	545172	Phenanthrene-d10	17.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	94
2			Heptadecane	240	C17H36	000629-78-7	90
3			Tetracosane	338	C24H50	000646-31-1	90
4			Nonadecane	268	C19H40	000629-92-5	90
5			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	90



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Data File : BM018941.D
Acq On : 26 Feb 2019 22:14
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Sample : K1620-02
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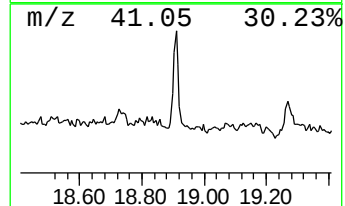
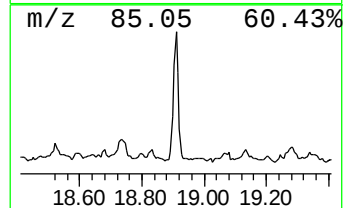
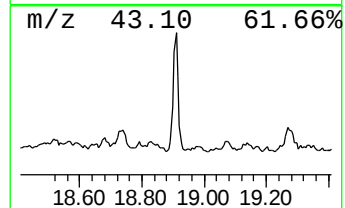
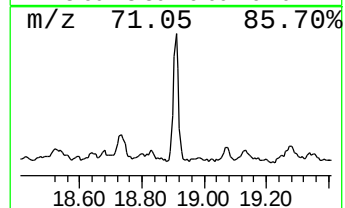
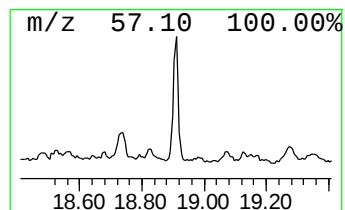
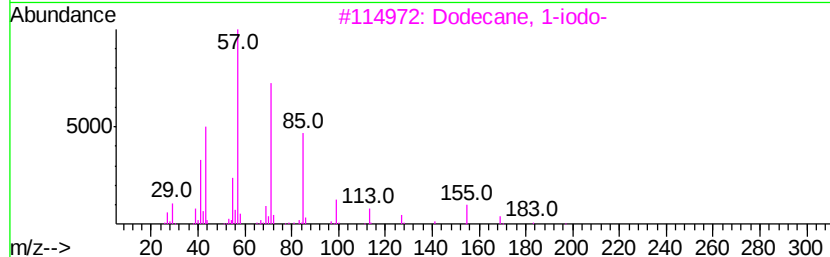
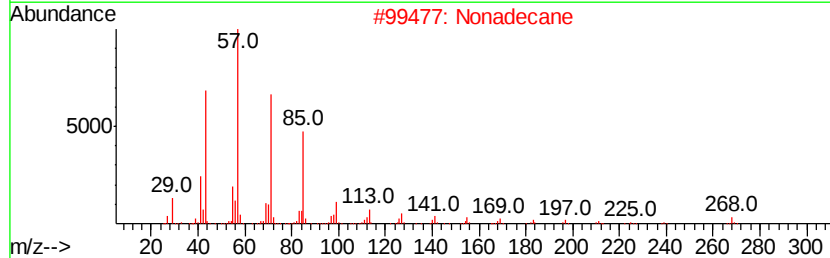
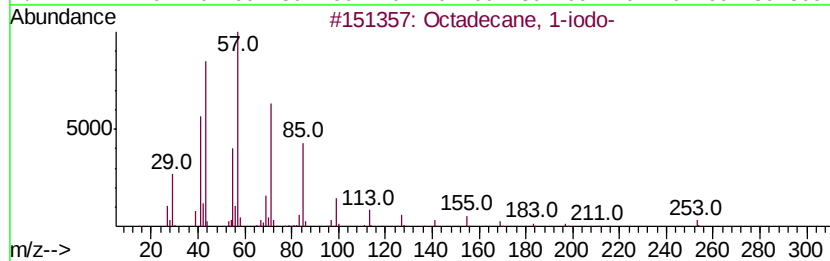
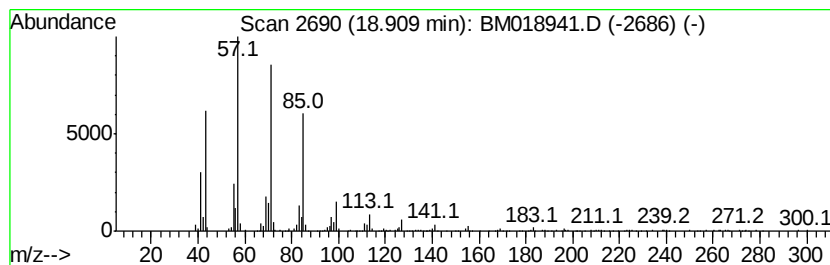
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	3.20 ng	438848	Phenanthrene-d10	17.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
2			Nonadecane	268	C19H40	000629-92-5	90
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4			Heptacosane	380	C27H56	000593-49-7	83
5			Eicosane	282	C20H42	000112-95-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018941.D
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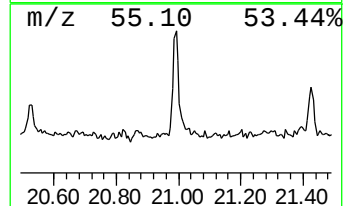
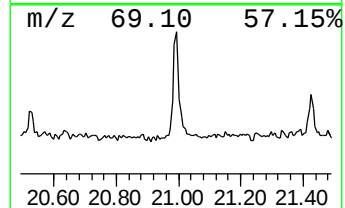
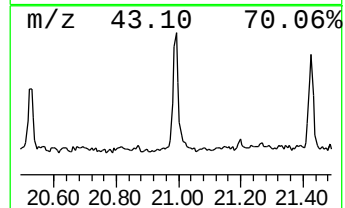
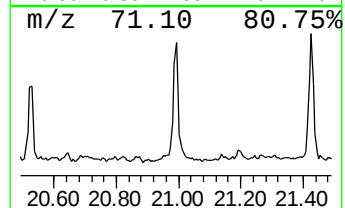
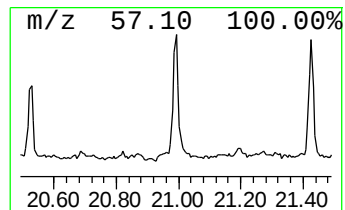
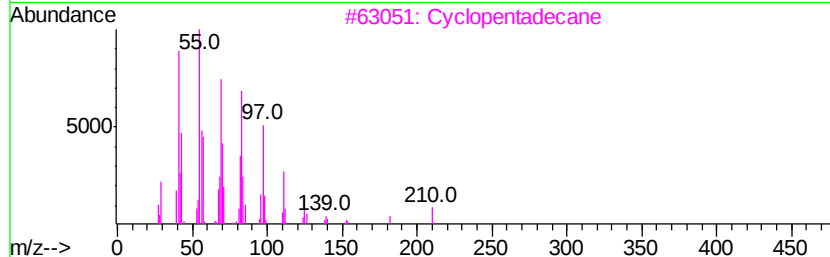
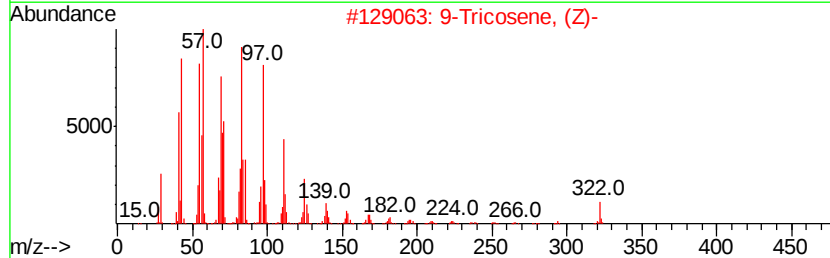
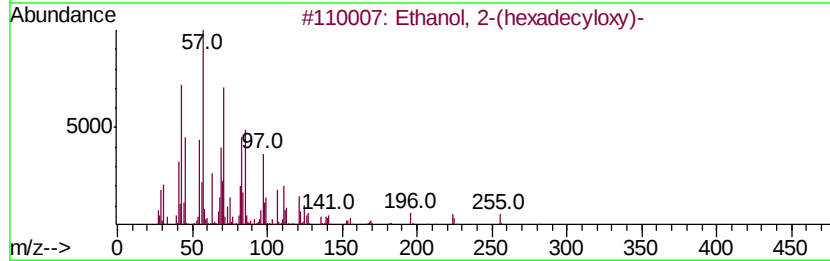
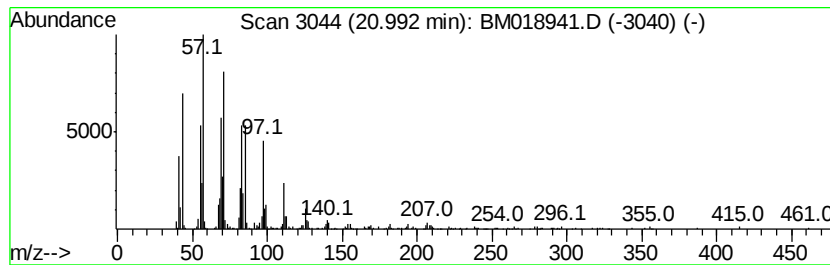
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Ethanol, 2-(hexadecyloxy)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	3.19 ng	495444	Chrysene-d12	21.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
2			9-Tricosene, (Z)-	322	C23H46	027519-02-4	78
3			Cyclopentadecane	210	C15H30	000295-48-7	70
4			9-Eicosene, (E)-	280	C20H40	074685-29-3	60
5			Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018941.D
Acq On : 26 Feb 2019 22:14
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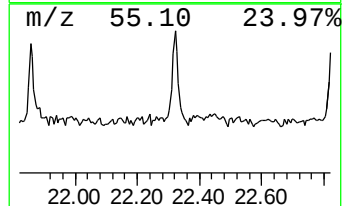
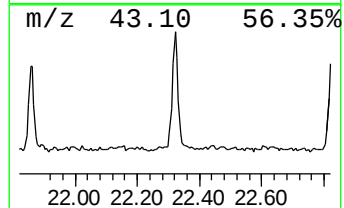
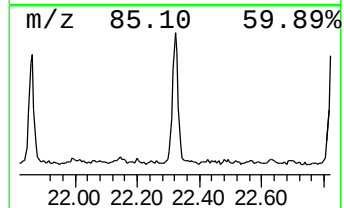
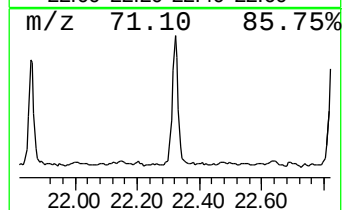
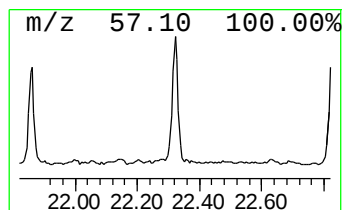
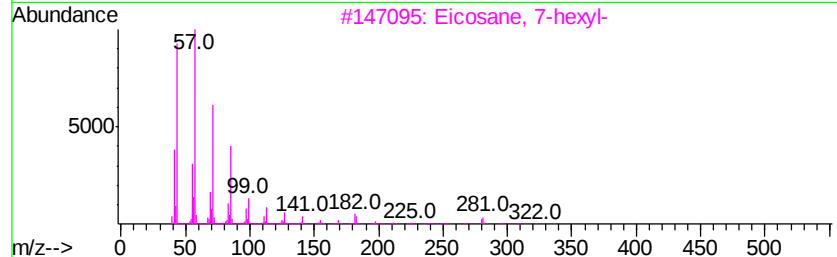
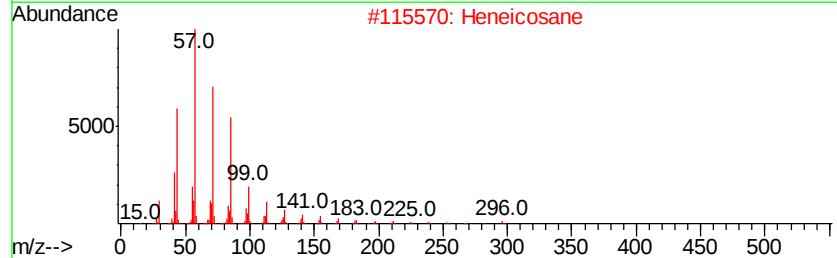
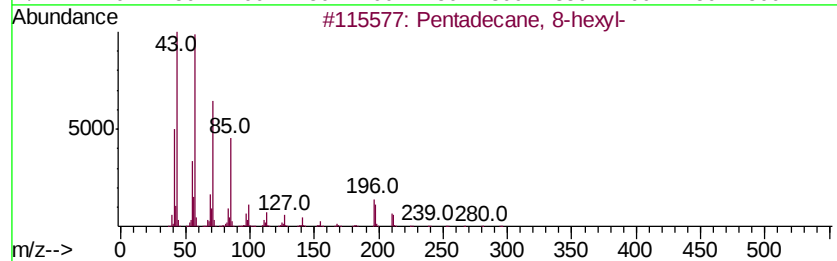
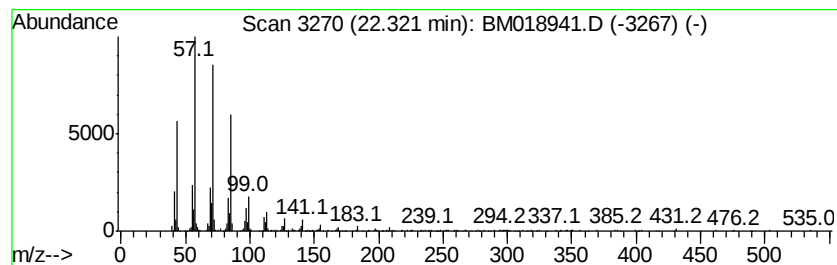
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Pentadecane, 8-hexyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	3.43 ng	531622	Chrysene-d12	21.29

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		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4		10-Methylnonadecane	282	C20H42	056862-62-5	90
5		Heptadecane	240	C17H36	000629-78-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
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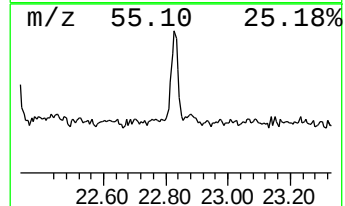
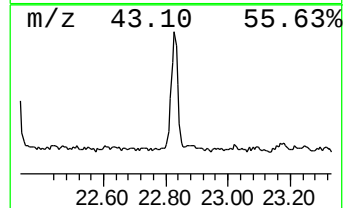
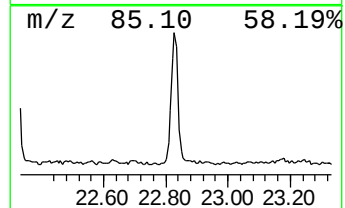
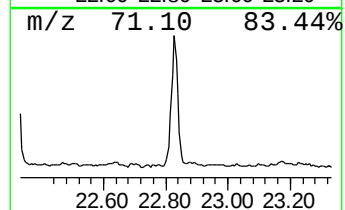
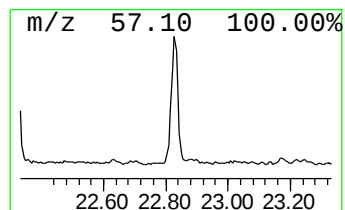
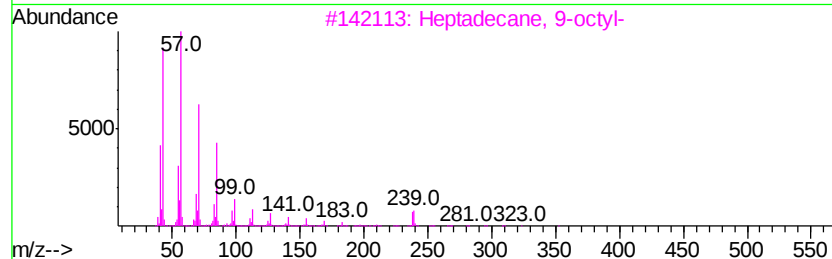
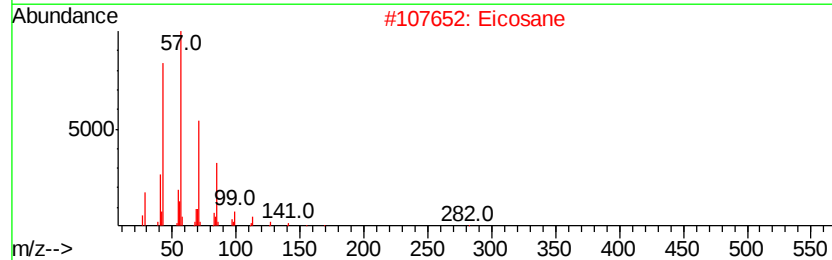
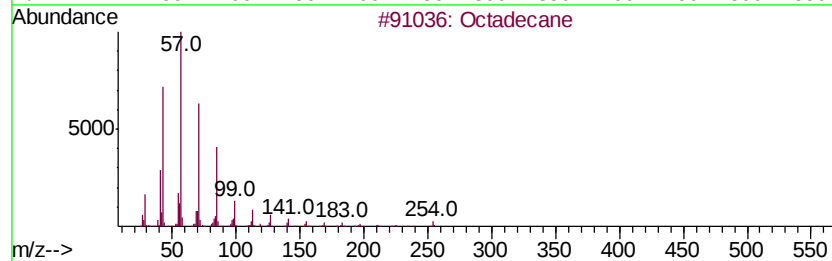
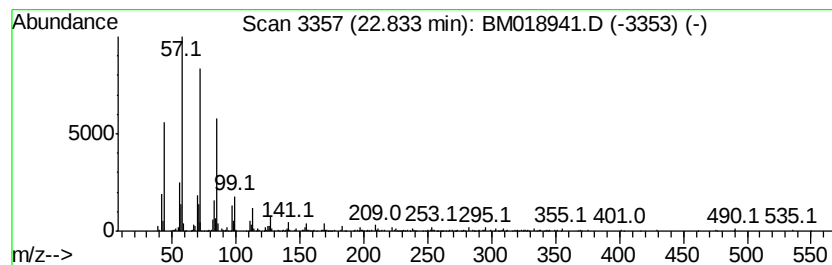
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	3.12 ng	517556	Perylene-d12	23.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	91
2			Eicosane	282	C20H42	000112-95-8	91
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5			Dodecane, 2-methyl-	184	C13H28	001560-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
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Instrument :
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ClientSampleId :
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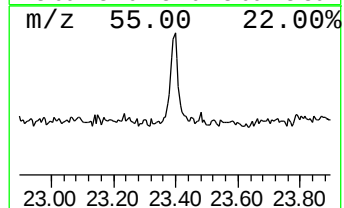
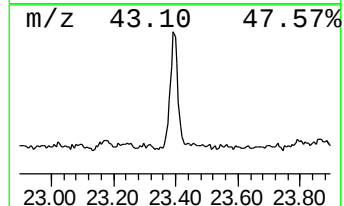
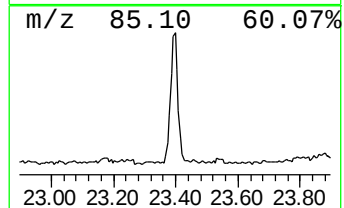
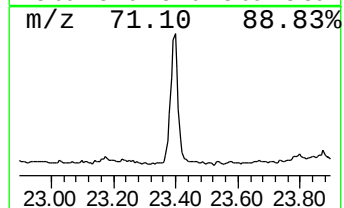
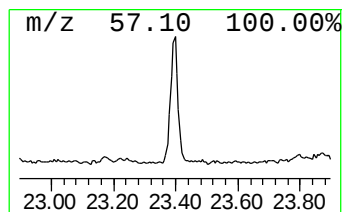
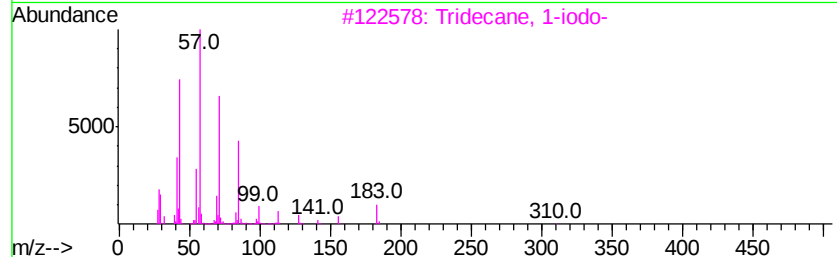
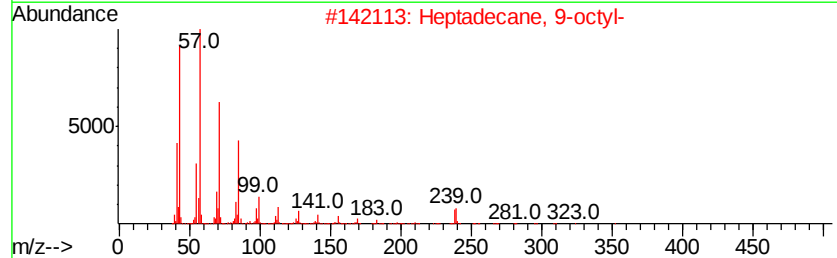
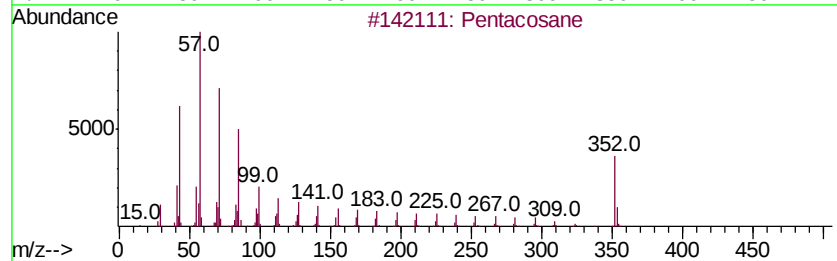
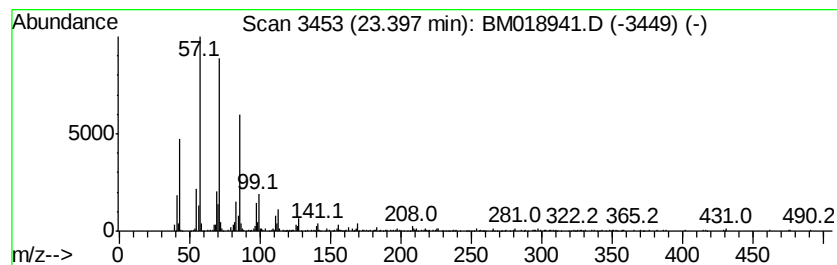
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pentacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.40	3.21 ng	532561	Perylene-d12	23.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022619\
Data File : BM018941.D
Acq On : 26 Feb 2019 22:14
Operator : JU/SJ
Sample : K1620-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.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
unknown7.23	7.23	72.3	ng	6975620	1	7.69	1929140	20.0
Hexadecane	14.22	4.4	ng	587810	3	14.34	2679080	20.0
Pentadecane, 2,6,...	15.59	4.7	ng	627332	3	14.34	2679080	20.0
Hexadecane, 2,6,1...	16.89	5.4	ng	741810	4	17.10	2740320	20.0
Tetracosane	17.57	5.6	ng	766034	4	17.10	2740320	20.0
n-Hexadecanoic acid	17.98	3.7	ng	501241	4	17.10	2740320	20.0
Eicosane	18.27	4.0	ng	545172	4	17.10	2740320	20.0
Octadecane, 1-iodo-	18.91	3.2	ng	438848	4	17.10	2740320	20.0
Ethanol, 2-(hexad...	20.99	3.2	ng	495444	5	21.29	3102930	20.0
Pentadecane, 8-he...	22.32	3.4	ng	531622	5	21.29	3102930	20.0
Octadecane	22.83	3.1	ng	517556	6	23.54	3321950	20.0
Pentacosane	23.40	3.2	ng	532561	6	23.54	3321950	20.0