

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
 Data File : BF114472.D
 Acq On : 21 May 2019 22:28
 Operator : JU/SJ
 Sample : K2922-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP-1

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_F\METHODS\8270-BF051019.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	5.463	570	574	591	rBV	5107577	5215848	92.53%	10.241%
2	6.481	742	747	761	rBV	5217090	5636681	100.00%	11.067%
3	6.610	764	769	772	rBV	5225741	5278307	93.64%	10.363%
4	6.828	803	806	813	rVB	1470308	1225966	21.75%	2.407%
5	6.987	829	833	842	rBV	4496148	4018406	71.29%	7.890%
6	7.392	898	902	911	rBV	3288991	3371535	59.81%	6.620%
7	8.110	1021	1024	1032	rBV	1599676	1515211	26.88%	2.975%
8	8.175	1032	1035	1037	rVB	111820	100435	1.78%	0.197%
9	8.404	1067	1074	1076	rBV5	42911	72133	1.28%	0.142%
10	8.534	1092	1096	1098	rBV	215488	177936	3.16%	0.349%
11	8.651	1112	1116	1122	rBV9	36043	58995	1.05%	0.116%
12	8.798	1138	1141	1144	rVB2	60904	66047	1.17%	0.130%
13	8.986	1170	1173	1177	rBV4	43440	70216	1.25%	0.138%
14	9.134	1195	1198	1203	rBV	205335	184735	3.28%	0.363%
15	9.186	1203	1207	1216	rVV	5905528	5497112	97.52%	10.793%
16	9.269	1217	1221	1224	rBV2	71403	105395	1.87%	0.207%
17	9.581	1270	1274	1278	rBV2	933214	987083	17.51%	1.938%
18	9.734	1297	1300	1303	rBV4	52079	59401	1.05%	0.117%
19	9.869	1319	1323	1327	rVB	1938380	1711962	30.37%	3.361%
20	10.122	1363	1366	1369	rVB3	70008	71106	1.26%	0.140%
21	10.275	1389	1392	1394	rBV2	58671	69698	1.24%	0.137%
22	10.516	1429	1433	1436	rBV	250895	249467	4.43%	0.490%
23	10.663	1454	1458	1463	rBV	3494650	3509244	62.26%	6.890%
24	10.781	1474	1478	1481	rBV	847750	765870	13.59%	1.504%
25	11.245	1554	1557	1563	rVB	296475	294447	5.22%	0.578%
26	11.357	1572	1576	1579	rBV	1808177	1732864	30.74%	3.402%
27	11.592	1614	1616	1620	rBV2	77027	74490	1.32%	0.146%
28	11.875	1661	1664	1671	rBV	475776	575925	10.22%	1.131%
29	12.663	1795	1798	1802	rBV3	98658	130435	2.31%	0.256%
30	12.939	1840	1845	1848	rBV	4251818	4113105	72.97%	8.075%
31	13.404	1922	1924	1928	rVB2	113911	100810	1.79%	0.198%
32	13.833	1993	1997	2012	rVB2	430980	924152	16.40%	1.814%
33	13.998	2021	2025	2031	rBV	1396968	1285075	22.80%	2.523%
34	14.451	2099	2102	2105	rBV	112698	118099	2.10%	0.232%

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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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
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35	14.751	2151	2153	2157	rVB	109018	102845	1.82%	0.202%
36	15.086	2207	2210	2213	rVB	155103	176783	3.14%	0.347%
37	15.468	2270	2275	2282	rVB	835319	1145548	20.32%	2.249%
38	15.886	2343	2346	2351	rVB	100132	139998	2.48%	0.275%

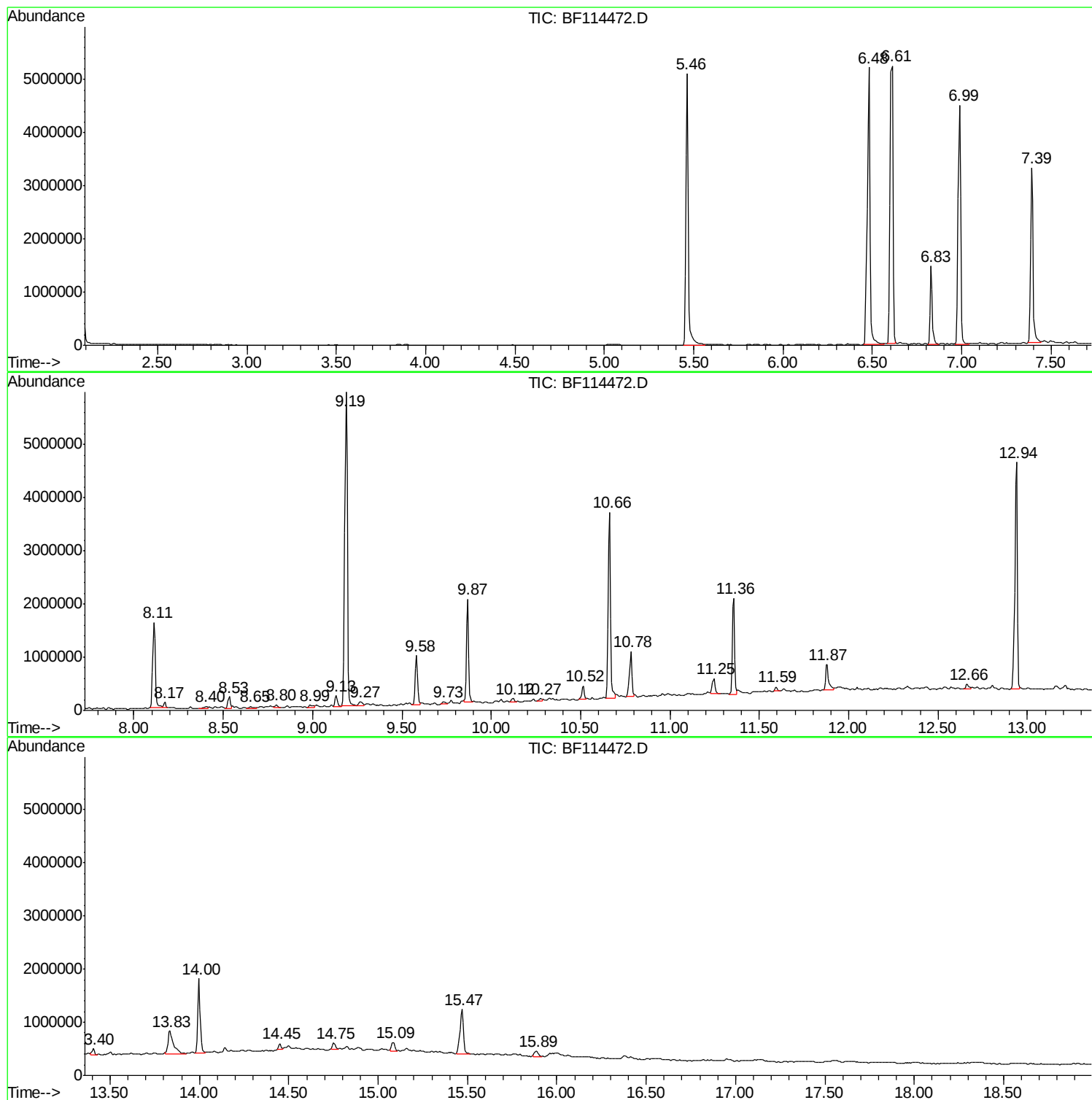
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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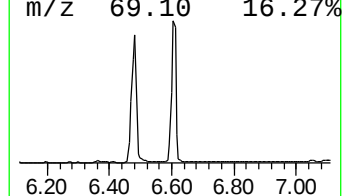
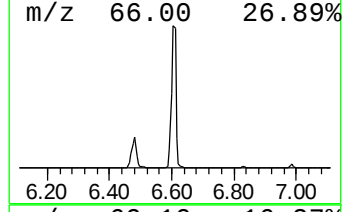
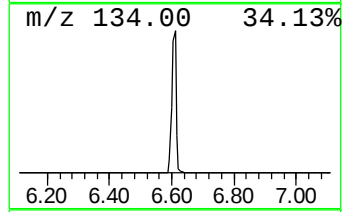
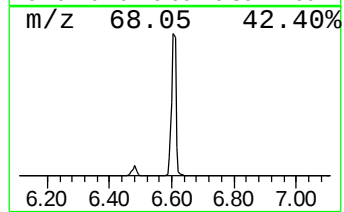
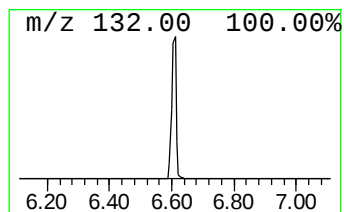
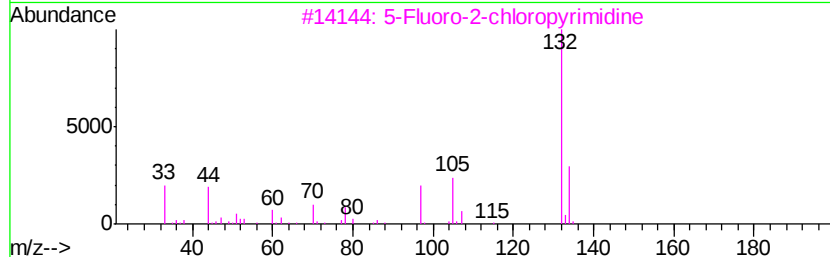
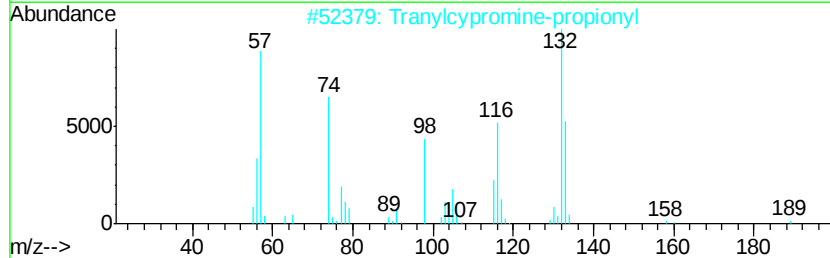
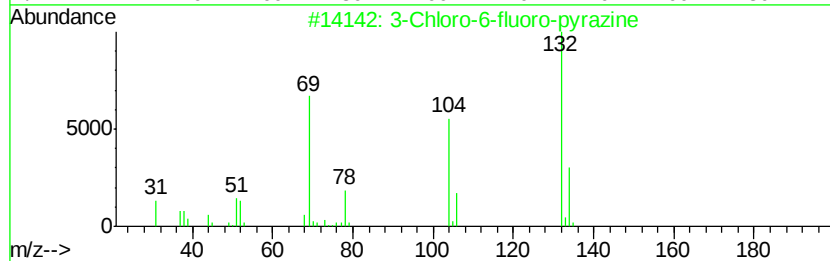
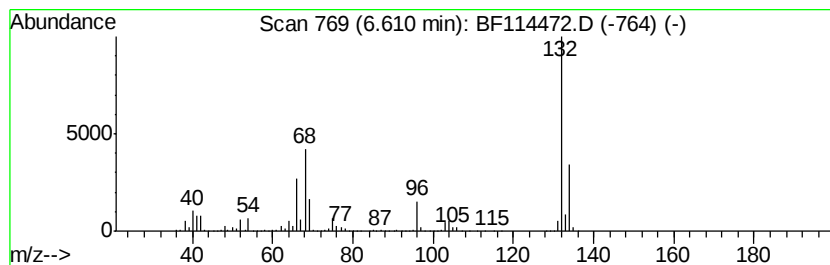
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	86.11 ng	5278310	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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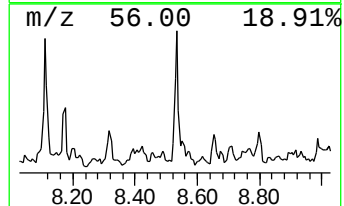
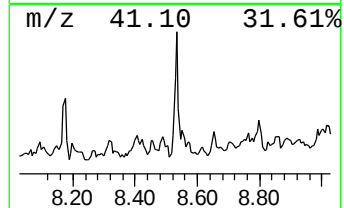
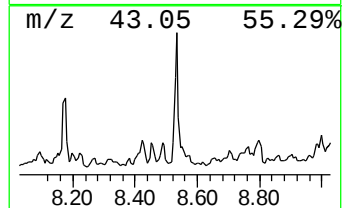
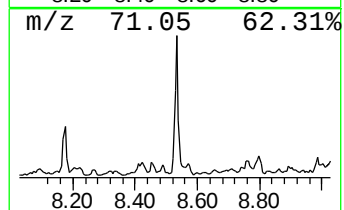
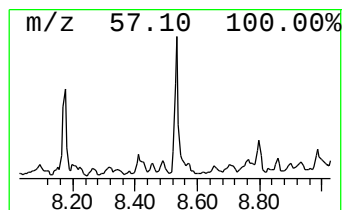
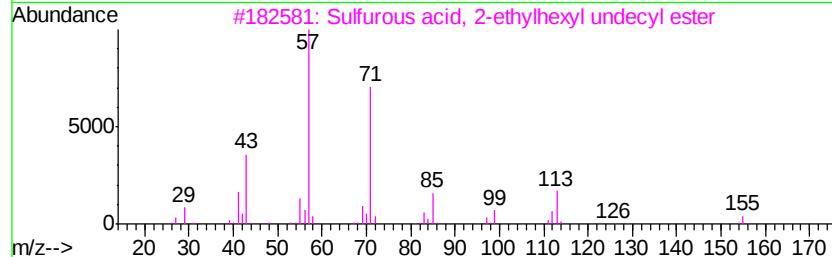
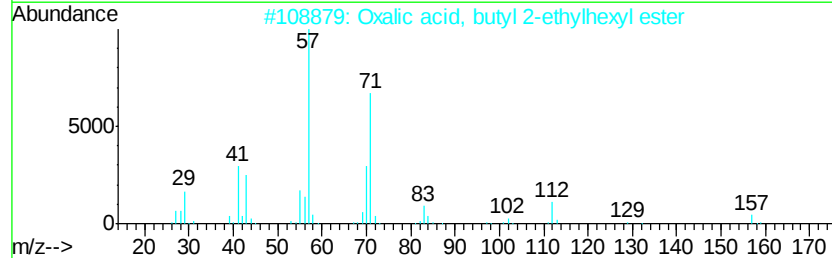
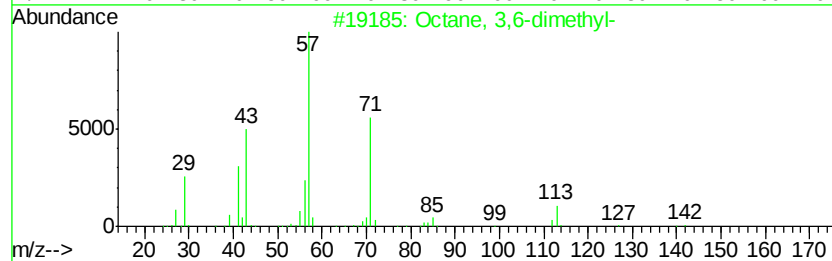
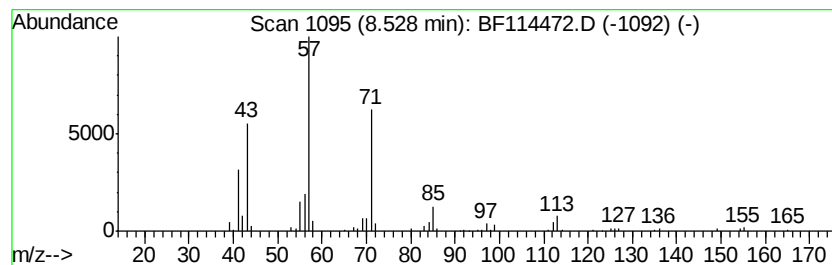
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octane, 3,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	2.35 ng	177936	Naphthalene-d8	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
2		Oxalic acid, butyl 2-ethylhexyl ...	258	C14H26O4	1000309-38-6	59
3		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	59
4		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	59
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	53



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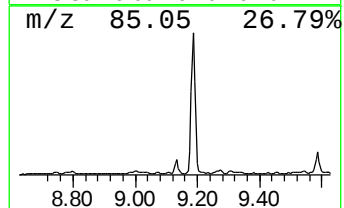
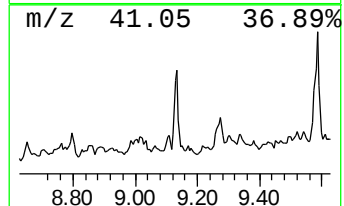
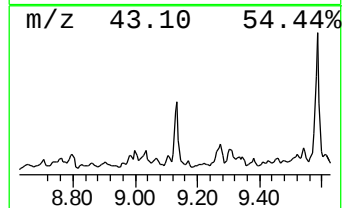
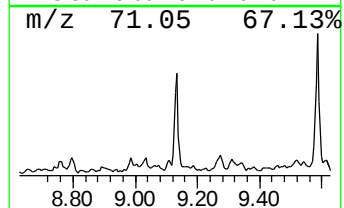
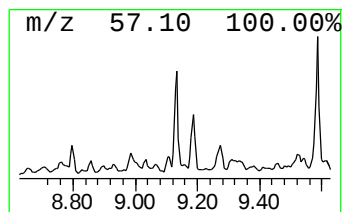
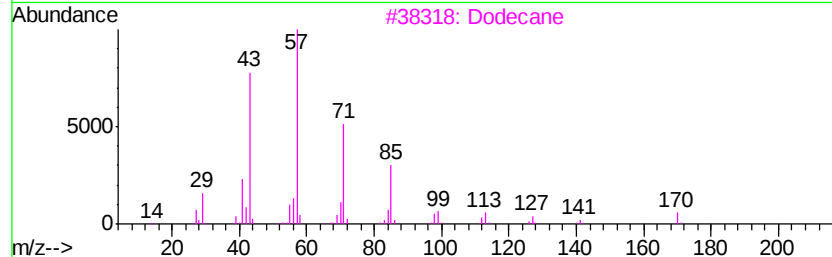
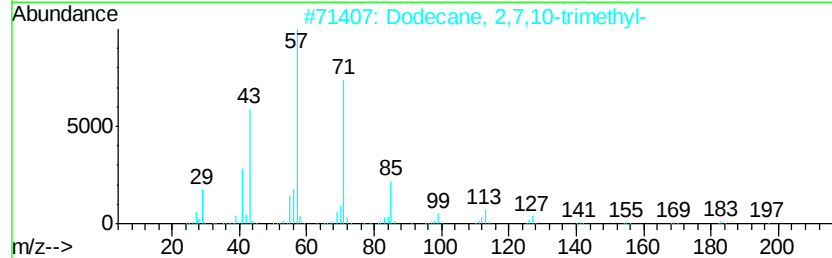
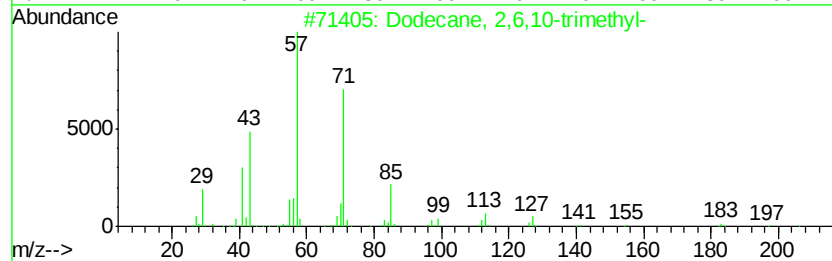
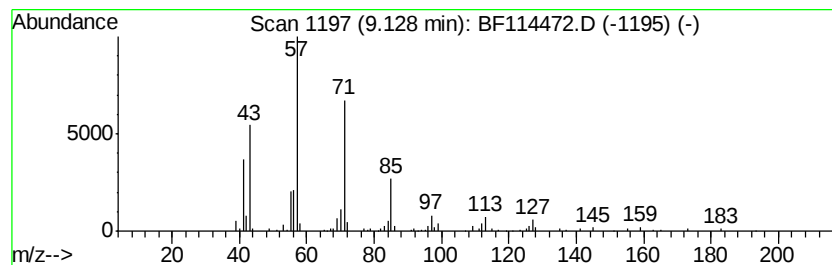
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dodecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	2.16 ng	184735	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3		Dodecane	170	C12H26	000112-40-3	72
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	58



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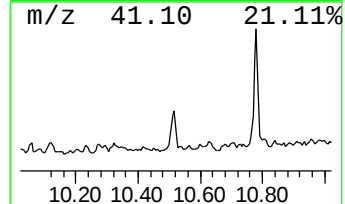
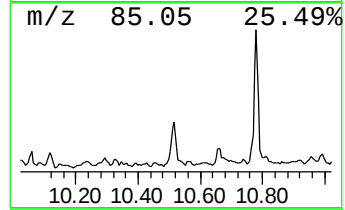
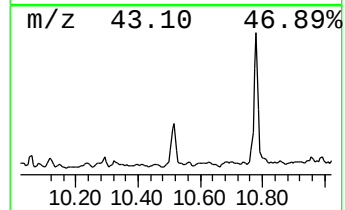
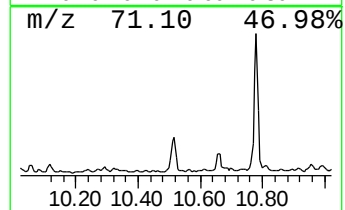
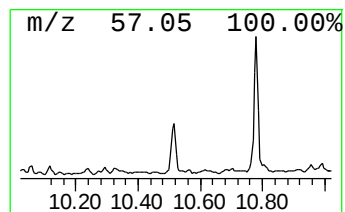
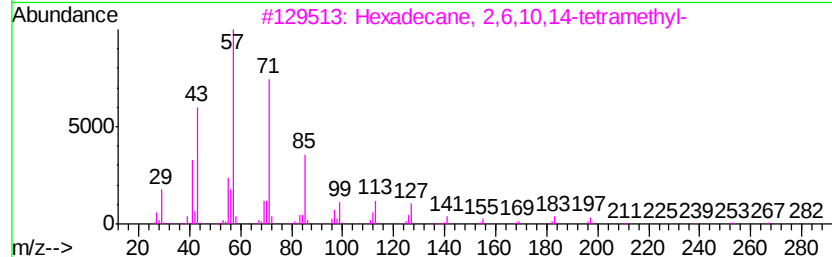
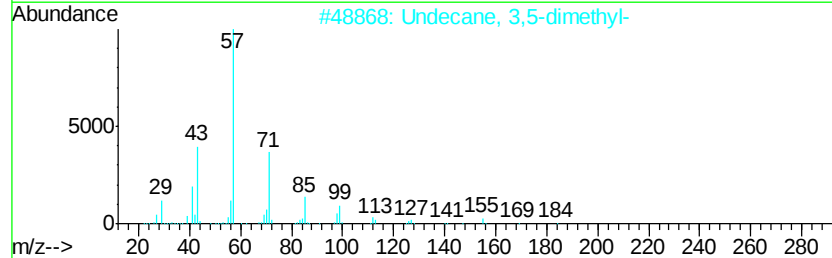
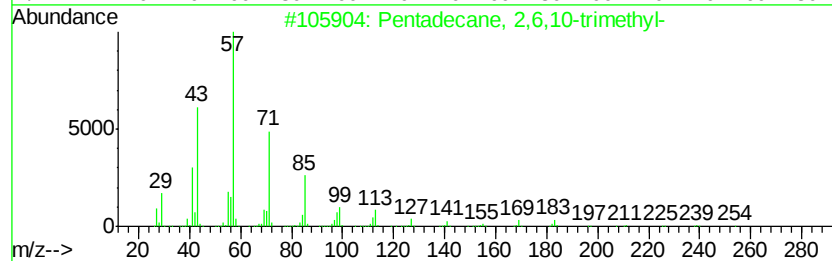
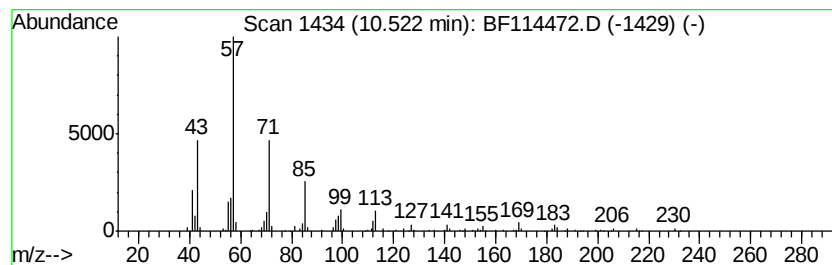
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Pentadecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	2.91 ng	249467	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
2		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	81
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
4		Heptacosane	380	C27H56	000593-49-7	72
5		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72



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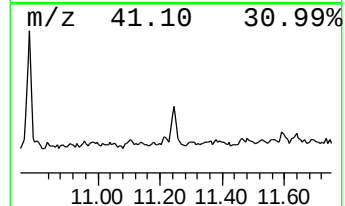
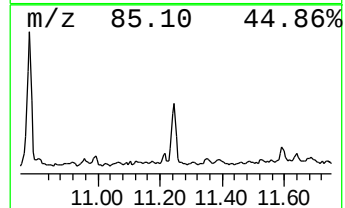
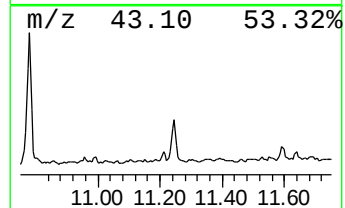
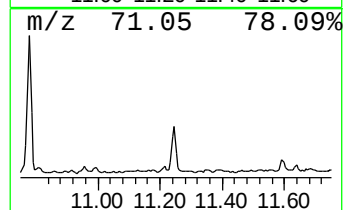
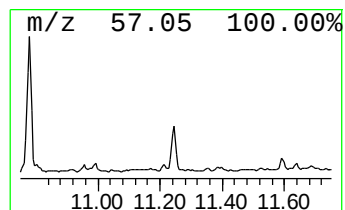
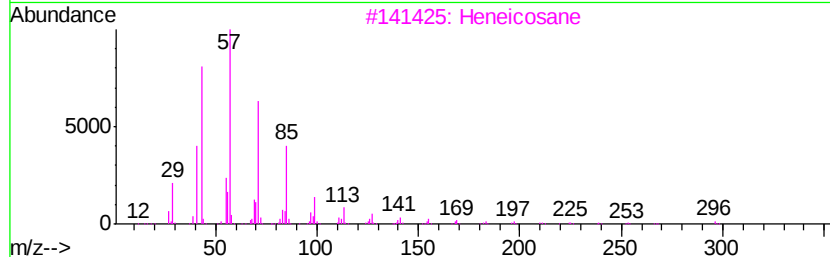
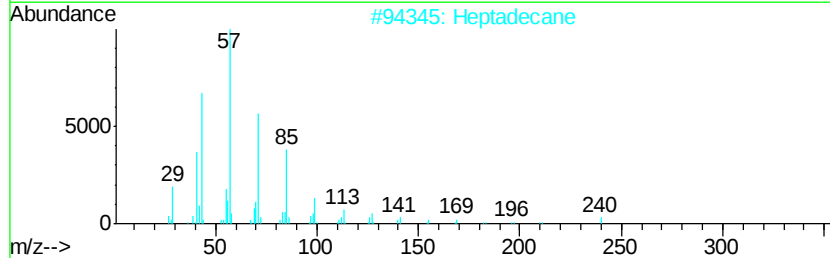
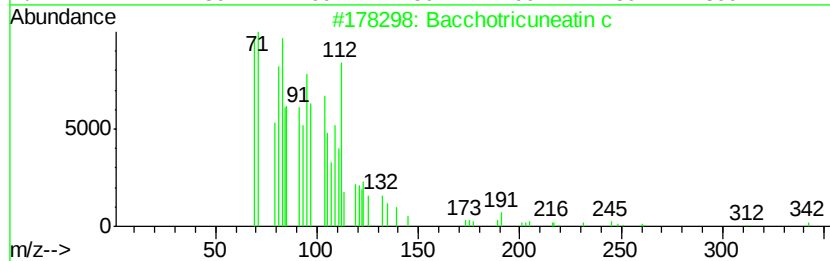
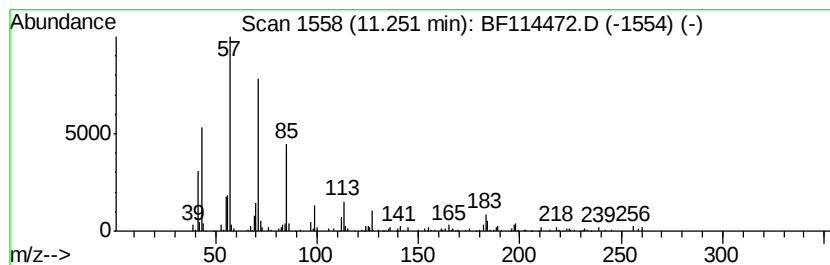
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Peak Number 7 Bacchotricuneatin c Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	3.40 ng	294447	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bacchotricuneatin c	342	C20H22O5	066563-30-2	92
2		Heptadecane	240	C17H36	000629-78-7	86
3		Heneicosane	296	C21H44	000629-94-7	86
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114472.D
Acq On : 21 May 2019 22:28
Operator : JU/SJ
Sample : K2922-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1

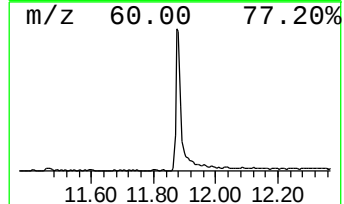
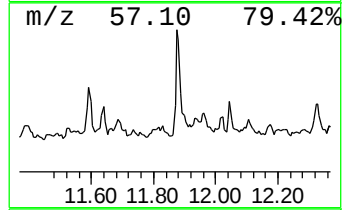
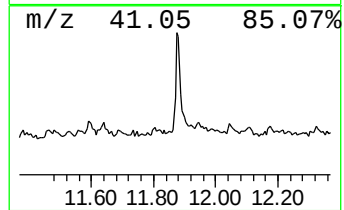
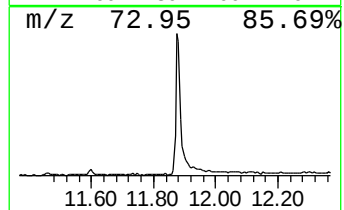
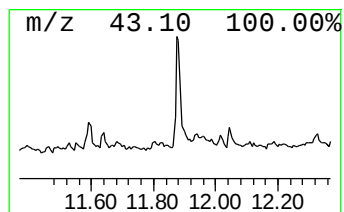
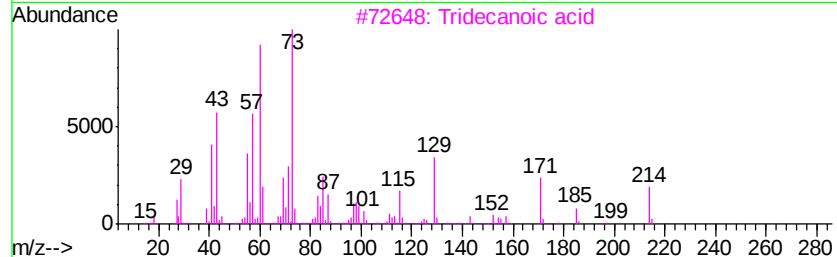
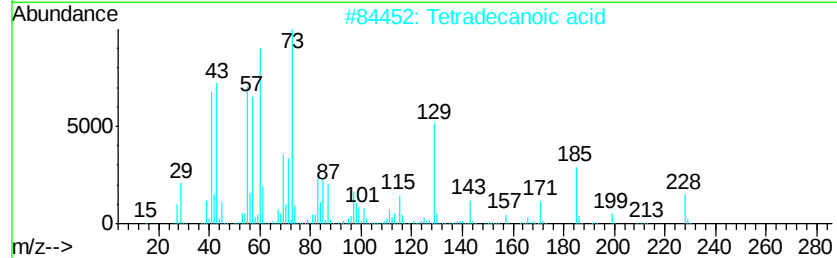
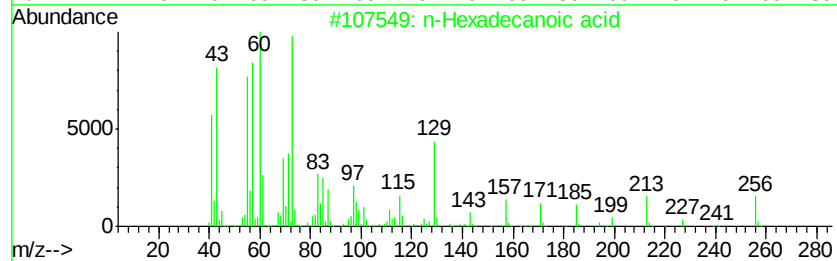
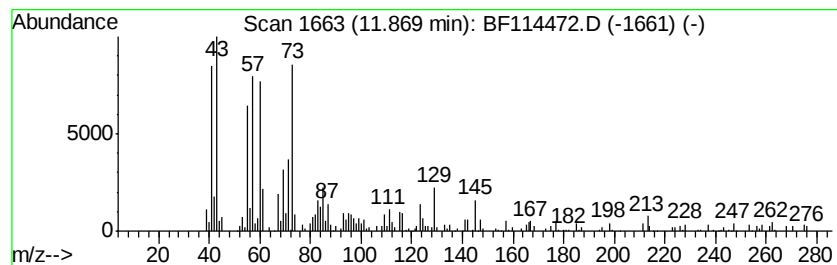
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	6.65 ng	575925	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3		Tridecanoic acid	214	C13H26O2	000638-53-9	87
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5		Undecanoic acid	186	C11H22O2	000112-37-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114472.D
Acq On : 21 May 2019 22:28
Operator : JU/SJ
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ClientSampleId :
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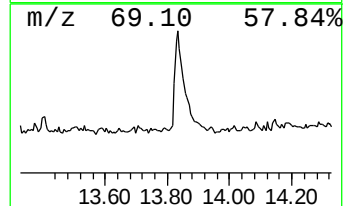
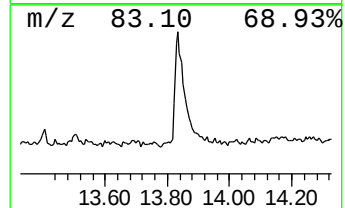
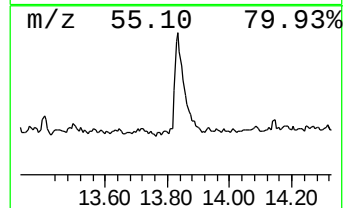
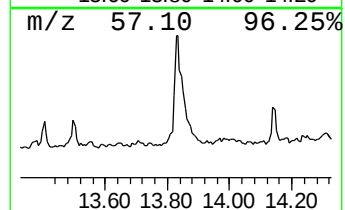
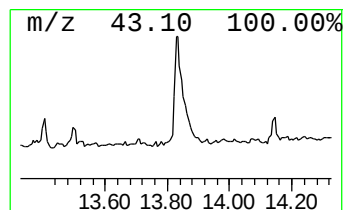
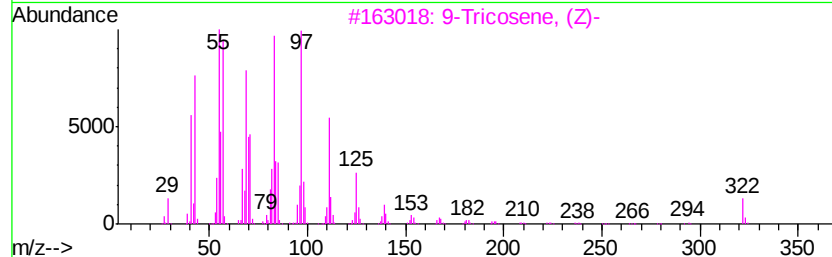
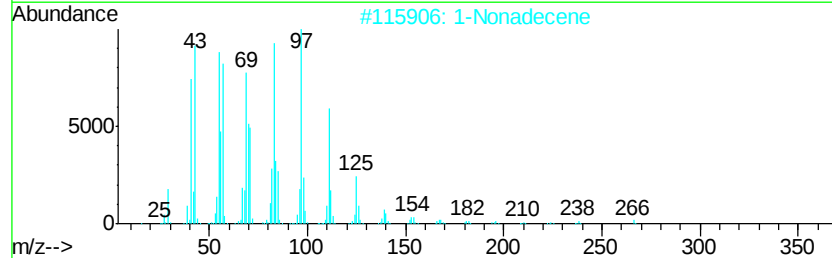
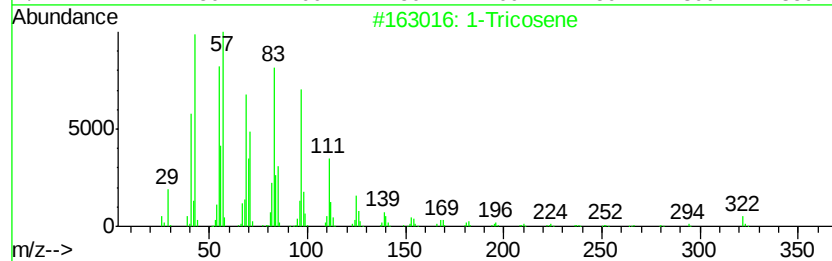
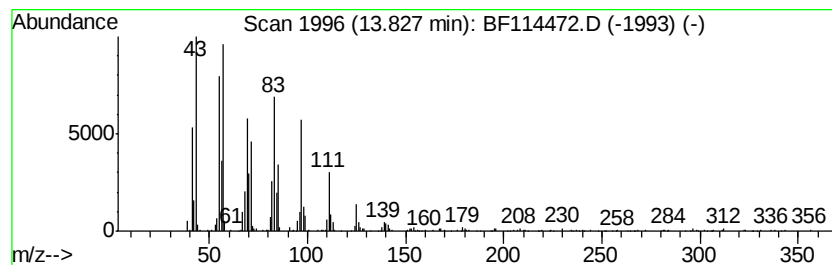
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Tricosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	14.38 ng	924152	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene		322	C23H46	018835-32-0	98
2	1-Nonadecene		266	C19H38	018435-45-5	93
3	9-Tricosene, (Z)-		322	C23H46	027519-02-4	93
4	Cyclodocosane, ethyl-		336	C24H48	1000151-22-6	91
5	Heptafluorobutyric acid, n-octad...		466	C22H37F7O2	000400-57-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114472.D
Acq On : 21 May 2019 22:28
Operator : JU/SJ
Sample : K2922-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

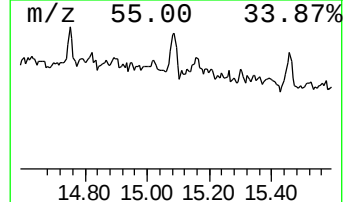
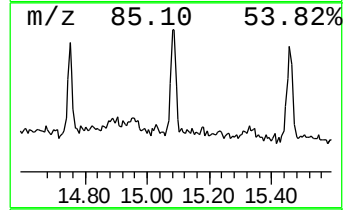
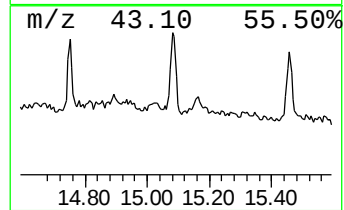
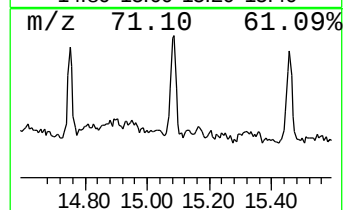
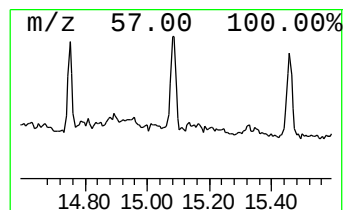
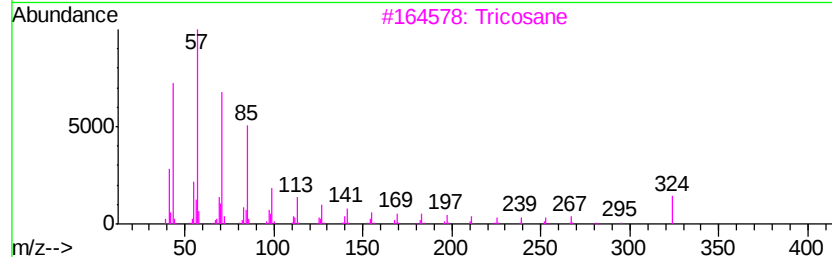
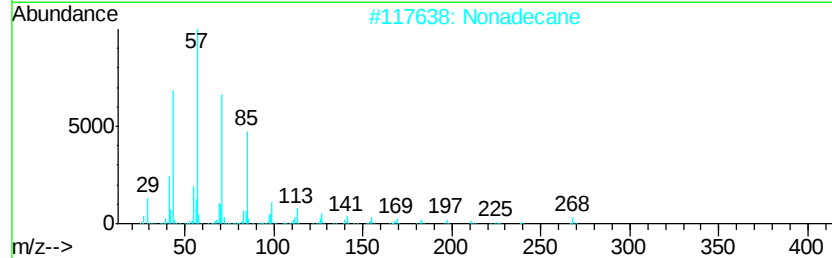
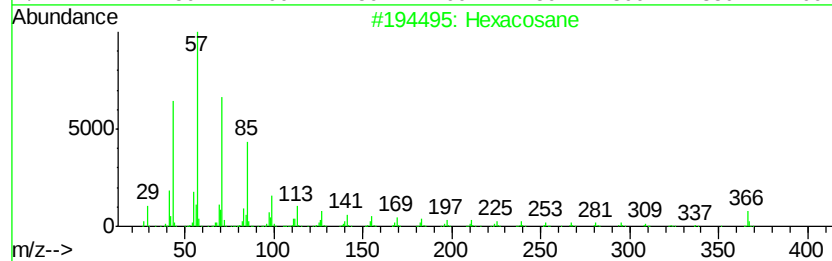
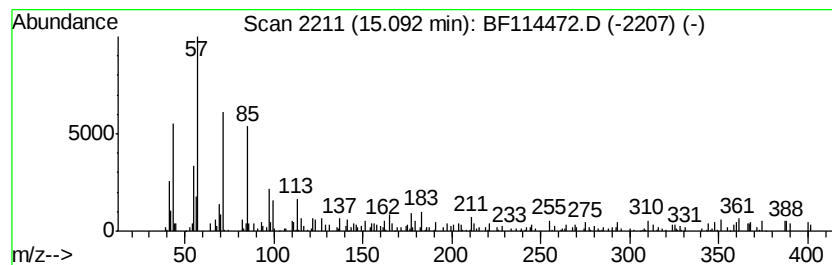
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	3.09 ng	176783	Perylene-d12	15.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane	366 C26H54	000630-01-3	87
2	Nonadecane	268 C19H40	000629-92-5	83
3	Tricosane	324 C23H48	000638-67-5	81
4	Heneicosane	296 C21H44	000629-94-7	81
5	Hexadecane	226 C16H34	000544-76-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114472.D
Acq On : 21 May 2019 22:28
Operator : JU/SJ
Sample : K2922-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

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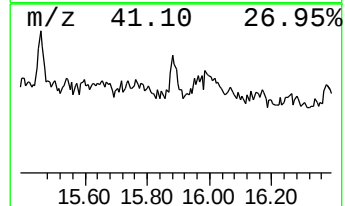
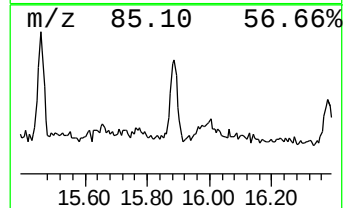
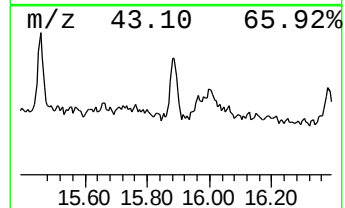
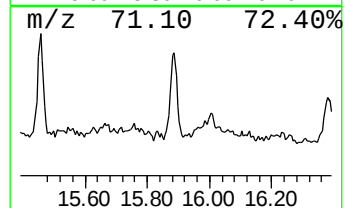
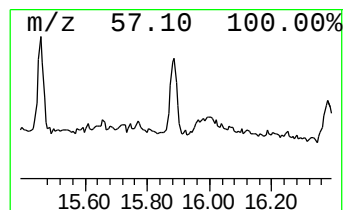
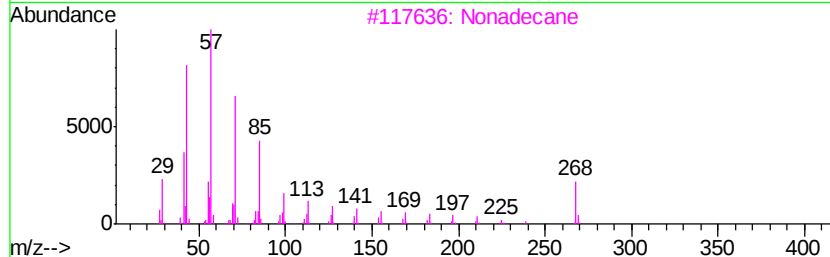
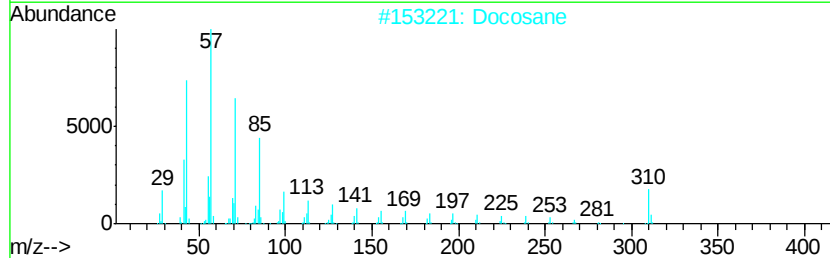
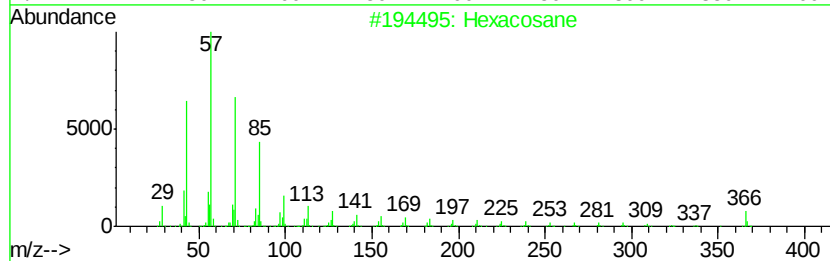
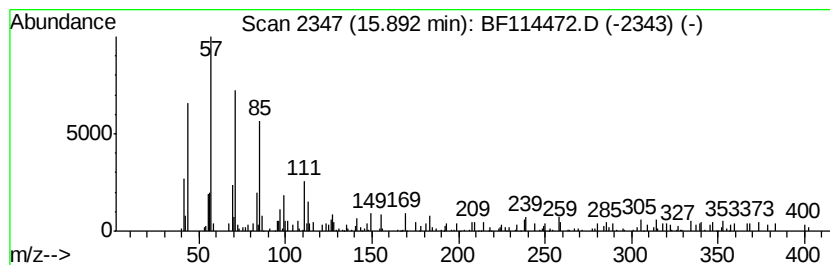
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Docosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	2.44 ng	139998	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Docosane	310	C22H46	000629-97-0	87
3		Nonadecane	268	C19H40	000629-92-5	87
4		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	86
5		Hentriacontane	437	C31H64	000630-04-6	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
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Sample : K2922-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Octane, 3,6-dimet...	8.53	2.4	ng	177936	2	8.11	1515210	20.0
Dodecane, 2,6,10-...	9.13	2.2	ng	184735	3	9.87	1711960	20.0
Pentadecane, 2,6,...	10.52	2.9	ng	249467	3	9.87	1711960	20.0
Bacchotricuneatin c	11.25	3.4	ng	294447	4	11.36	1732860	20.0
n-Hexadecanoic acid	11.87	6.7	ng	575925	4	11.36	1732860	20.0
1-Tricosene	13.83	14.4	ng	924152	5	14.00	1285080	20.0
Hexacosane	15.09	3.1	ng	176783	6	15.47	1145550	20.0
Docosane	15.89	2.4	ng	139998	6	15.47	1145550	20.0