

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114395.D
 Acq On : 18 May 2019 17:04
 Operator : JU/SJ
 Sample : K2869-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROCKY-SOIL

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	2.122	3	6	25	rVB	1096311	1403422	26.45%	2.789%
2	5.469	571	575	604	rBV	4559651	4679497	88.18%	9.300%
3	6.481	742	747	765	rBV	4675052	4927976	92.87%	9.794%
4	6.610	765	769	783	rVB	5180379	4706894	88.70%	9.354%
5	6.834	804	807	815	rBV	1725283	1461963	27.55%	2.905%
6	6.992	830	834	849	rBV	4098118	3727741	70.25%	7.408%
7	7.398	899	903	916	rBV	3161908	3109402	58.60%	6.180%
8	8.116	1021	1025	1045	rBV	1954469	1880023	35.43%	3.736%
9	8.604	1105	1108	1124	rBV	79785	210755	3.97%	0.419%
10	9.186	1203	1207	1219	rBV	5587025	5306531	100.00%	10.546%
11	9.581	1271	1274	1283	rBV	654995	621601	11.71%	1.235%
12	9.869	1319	1323	1332	rVB	2182636	2046699	38.57%	4.068%
13	10.657	1453	1457	1472	rBV	3189784	3142574	59.22%	6.245%
14	11.351	1571	1575	1585	rBV	2275654	2251077	42.42%	4.474%
15	11.874	1660	1664	1673	rBV2	239768	305833	5.76%	0.608%
16	12.569	1779	1782	1788	rBV	53096	67297	1.27%	0.134%
17	12.657	1794	1797	1804	rBV3	46906	77210	1.45%	0.153%
18	12.933	1839	1844	1847	rBV	5336601	5061984	95.39%	10.060%
19	13.827	1992	1996	2009	rBV	294855	489527	9.22%	0.973%
20	13.992	2020	2024	2033	rVB	1711085	1782385	33.59%	3.542%
21	14.145	2047	2050	2053	rBV	107696	95555	1.80%	0.190%
22	14.457	2099	2103	2106	rBV	171432	180821	3.41%	0.359%
23	14.763	2151	2155	2159	rBV	194331	186145	3.51%	0.370%
24	14.839	2164	2168	2171	rVB	66039	75535	1.42%	0.150%
25	15.092	2207	2211	2218	rVB	190952	224430	4.23%	0.446%
26	15.468	2270	2275	2287	rBV	1315529	1797649	33.88%	3.573%
27	15.898	2343	2348	2354	rBV	155716	238869	4.50%	0.475%
28	16.392	2427	2432	2439	rBV	94745	175703	3.31%	0.349%
29	16.974	2527	2531	2537	rVB2	46285	82407	1.55%	0.164%

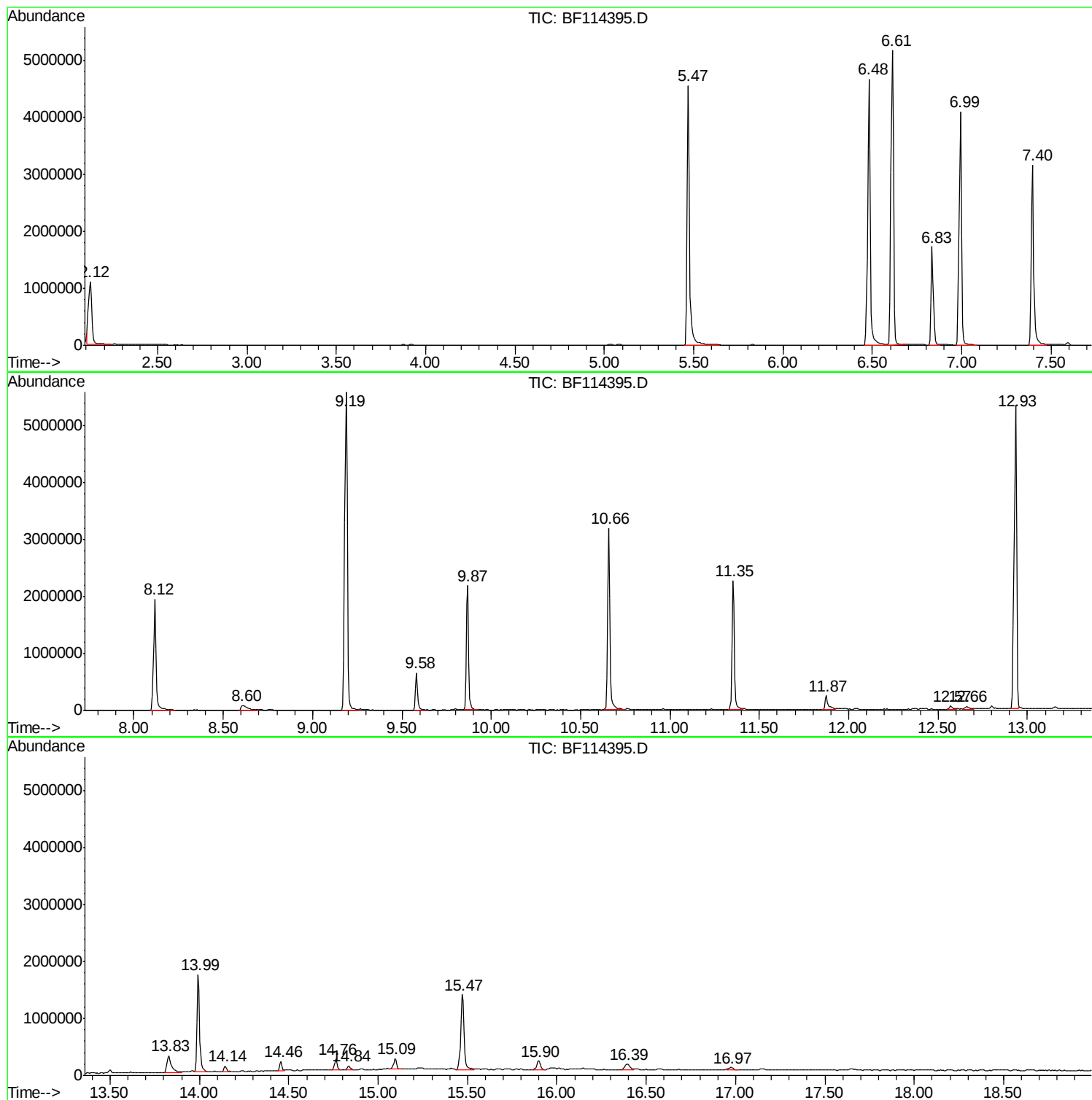
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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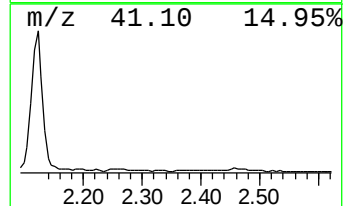
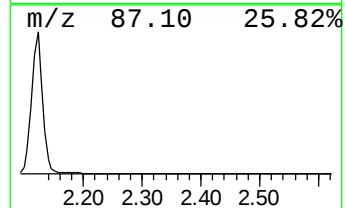
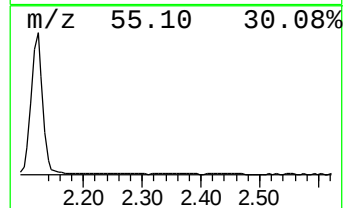
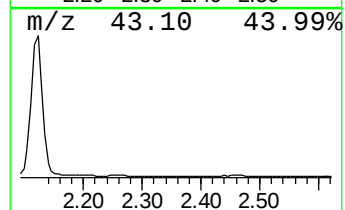
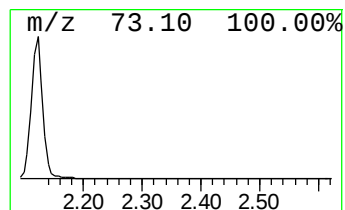
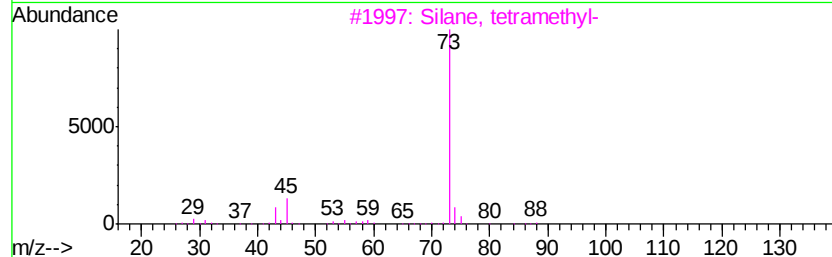
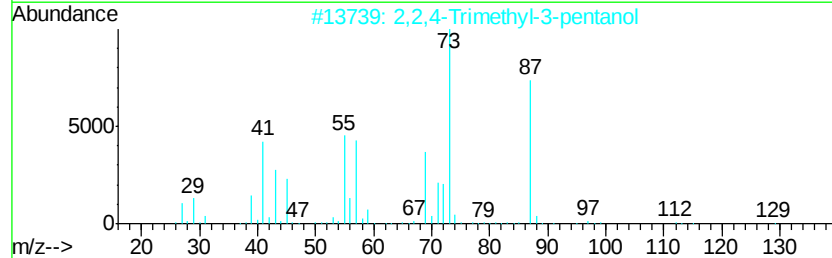
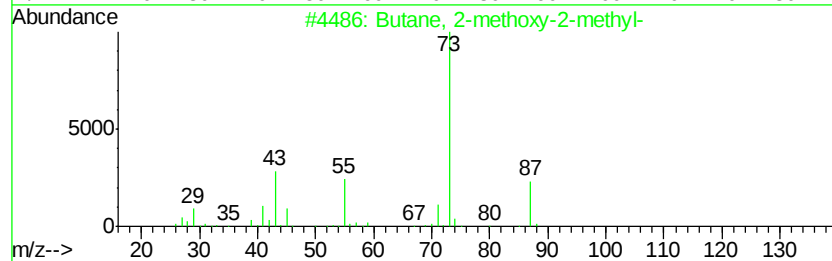
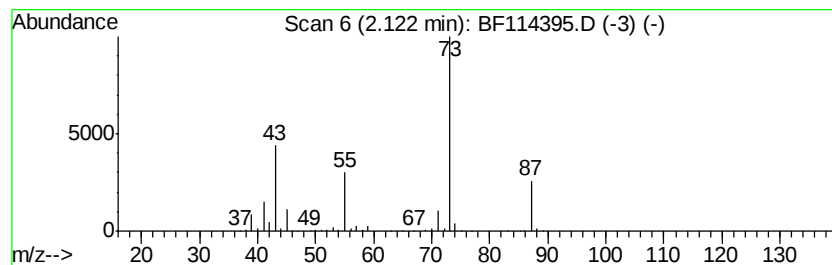
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	19.20 ng	1403420	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25



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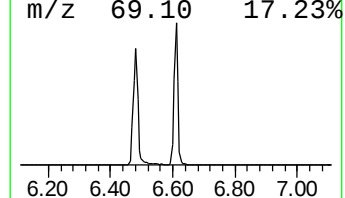
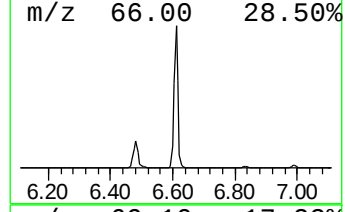
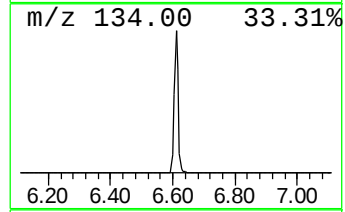
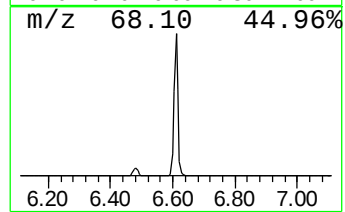
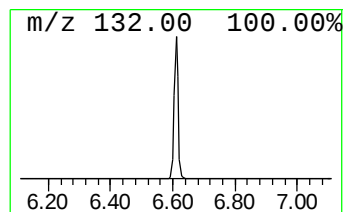
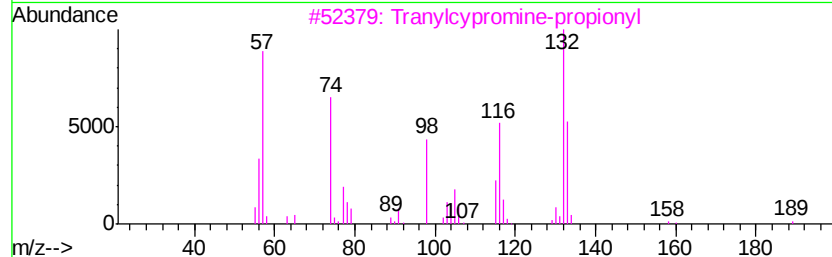
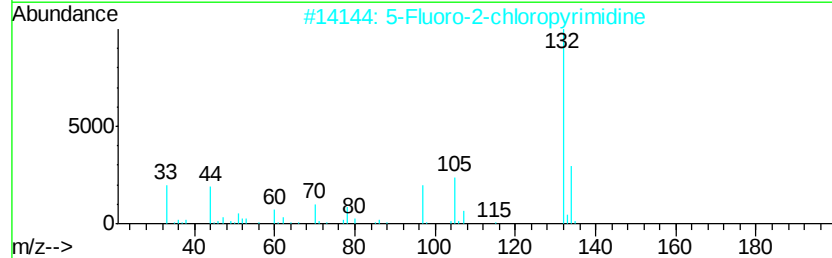
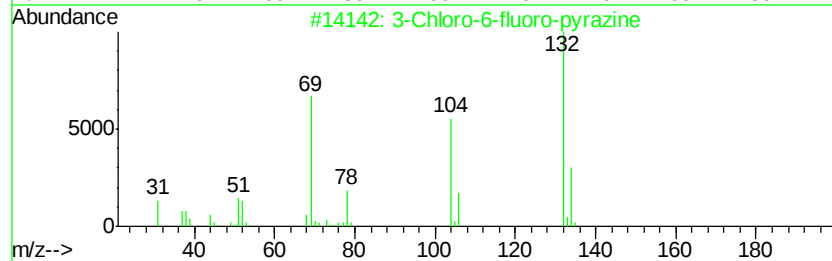
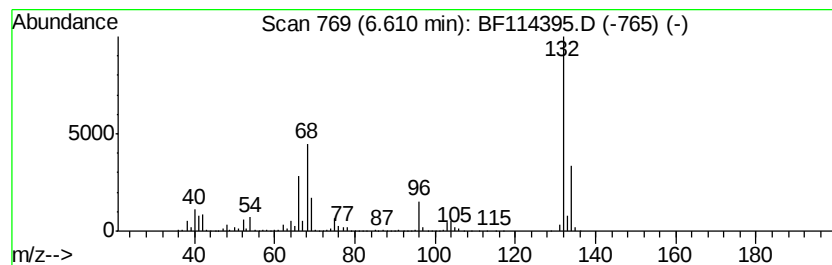
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Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	64.39 ng	4706890	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		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



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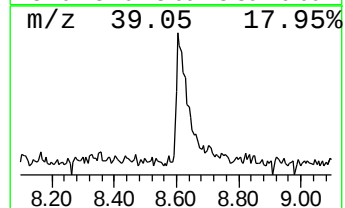
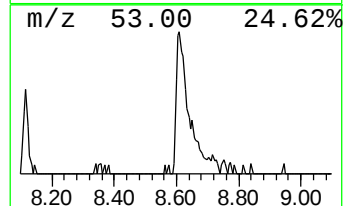
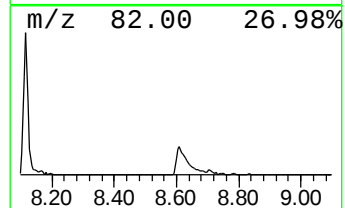
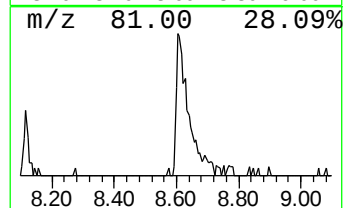
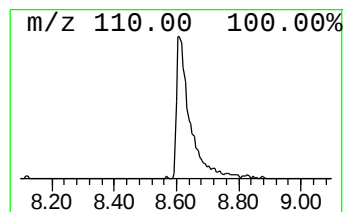
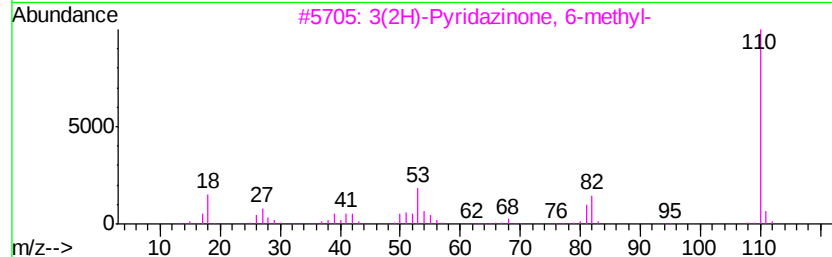
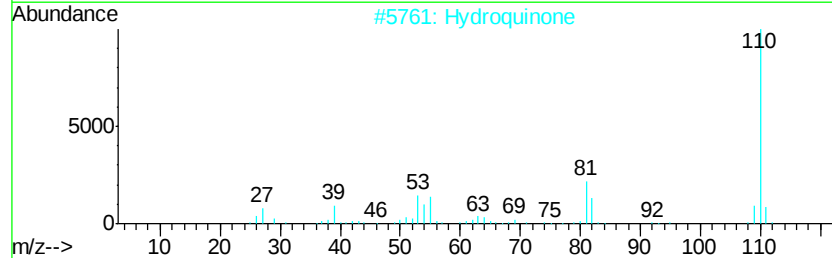
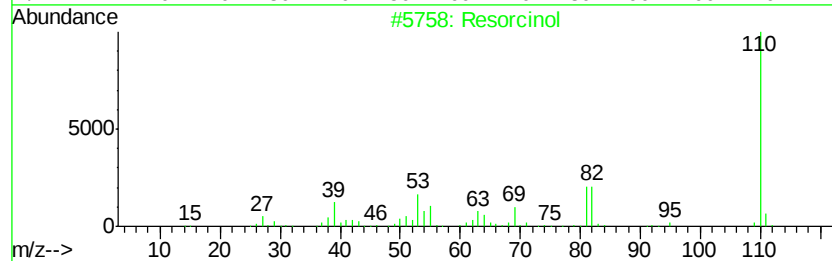
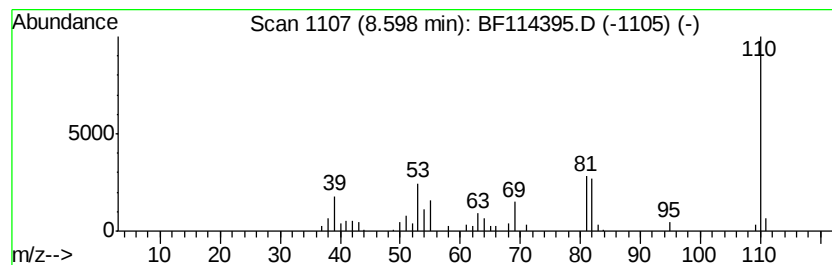
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Peak Number 4 Resorcinol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.60	2.24 ng	210755	Napthalene-d8	8.12		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Resorcinol		110	C6H6O2	000108-46-3	94
2	Hydroquinone		110	C6H6O2	000123-31-9	72
3	3(2H)-Pyridazinone, 6-methyl-		110	C5H6N2O	013327-27-0	64
4	4-Amino-2(1H)-pyridinone		110	C5H6N2O	038767-72-5	53
5	1H-Imidazole-2-carboxaldehyde, 1...		110	C5H6N2O	013750-81-7	50



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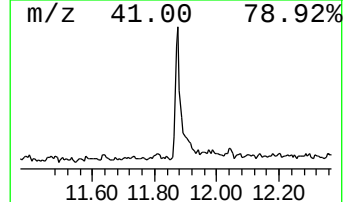
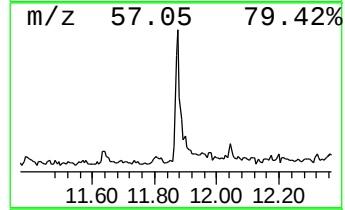
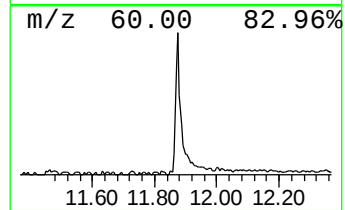
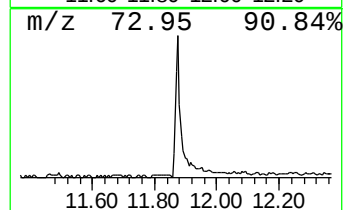
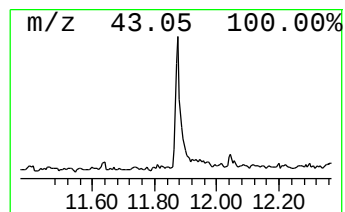
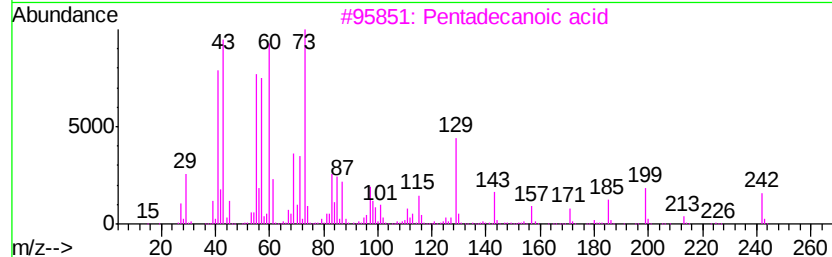
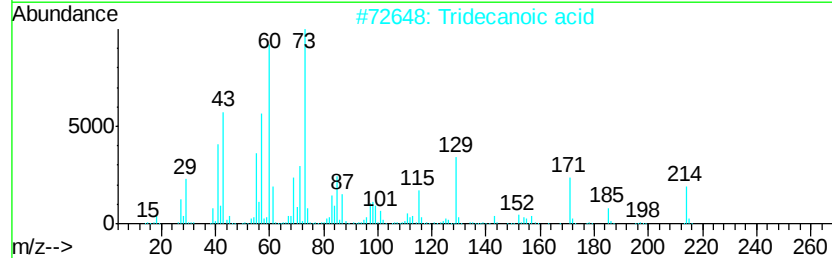
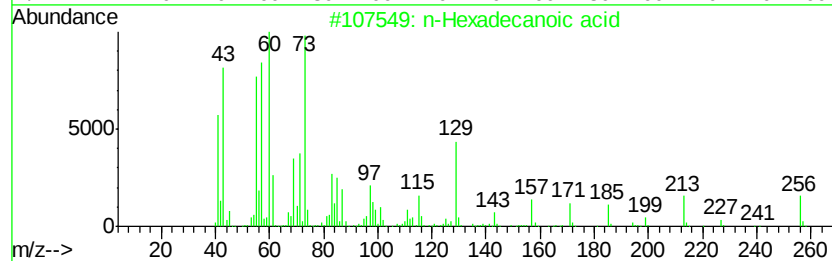
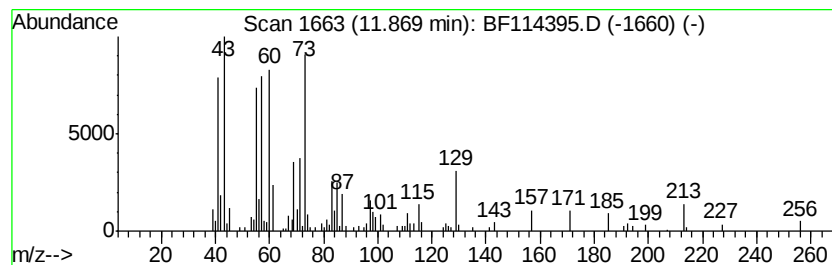
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.72 ng	305833	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5		n-Decanoic acid	172	C10H20O2	000334-48-5	68



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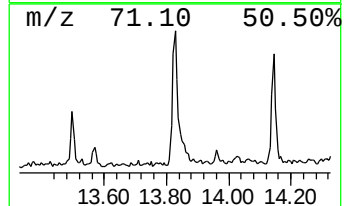
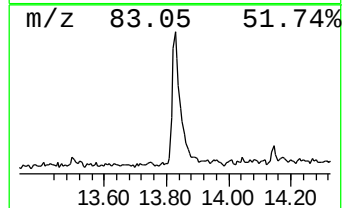
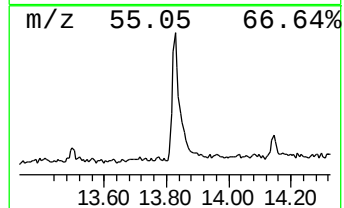
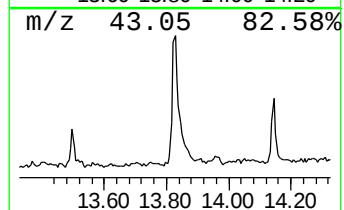
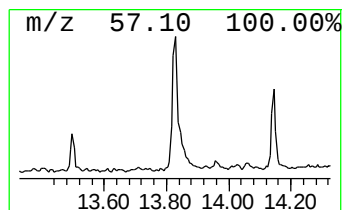
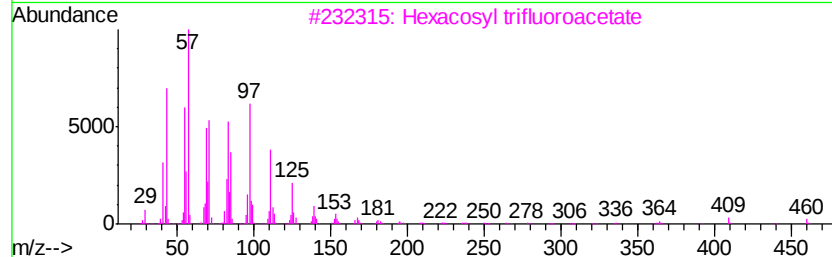
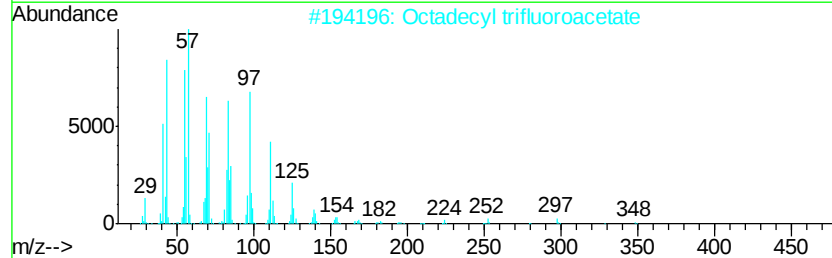
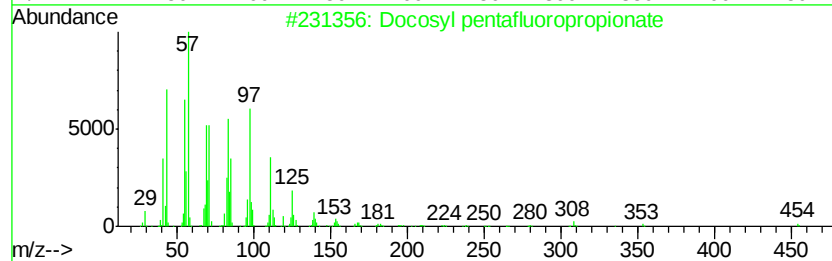
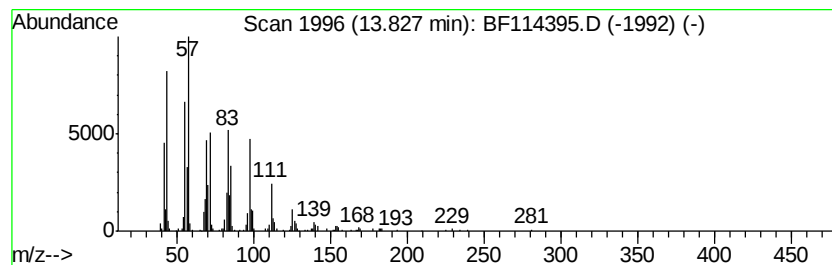
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Peak Number 6 Docosyl pentafluoropropionate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	5.49 ng	489527	Chrysene-d12	13.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91
2			Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
3			Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	91
4			Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
5			Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	91



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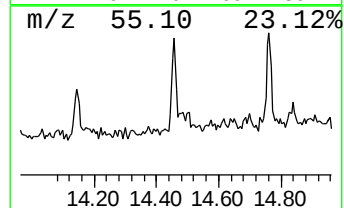
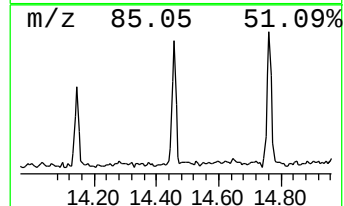
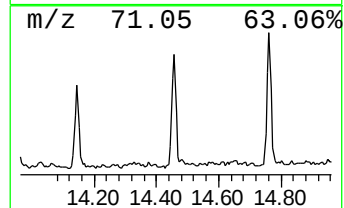
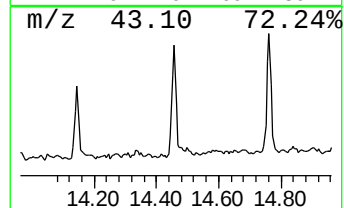
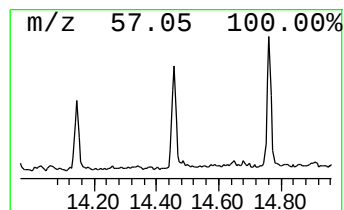
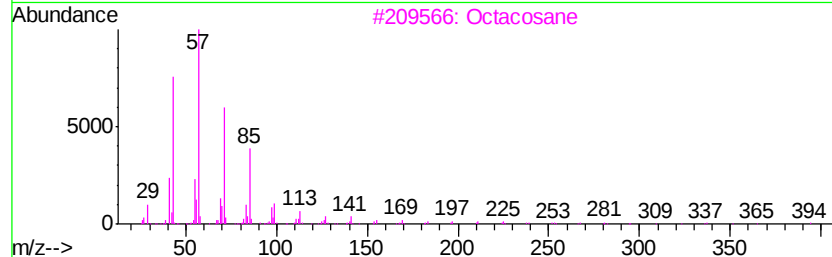
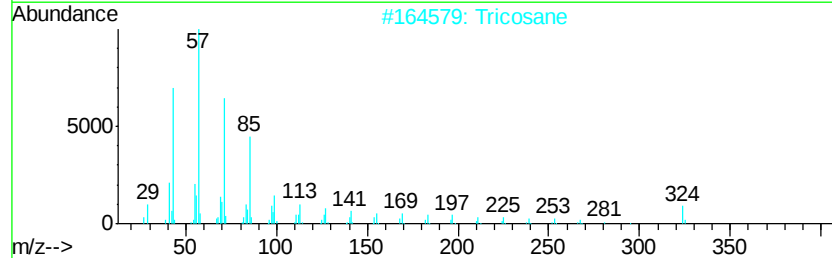
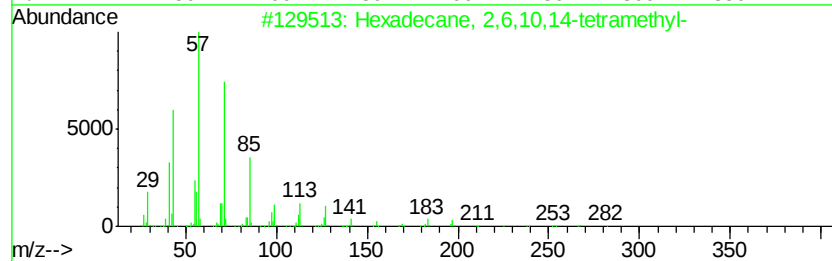
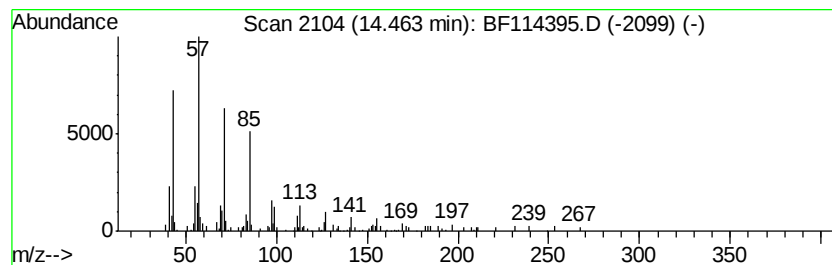
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	2.03 ng	180821	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
2		Tricosane	324	C23H48	000638-67-5	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Docosane	310	C22H46	000629-97-0	90
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114395.D
Acq On : 18 May 2019 17:04
Operator : JU/SJ
Sample : K2869-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROCKY-SOIL

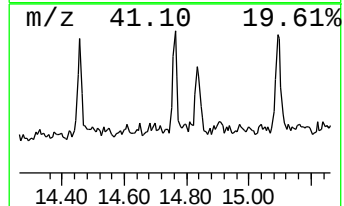
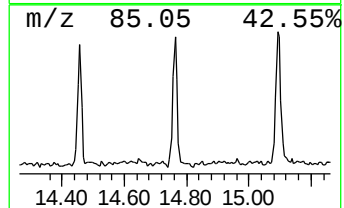
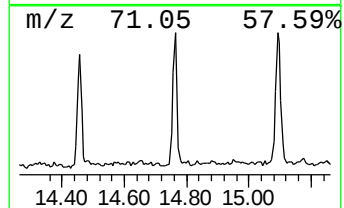
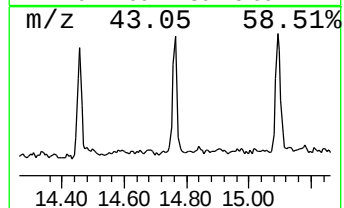
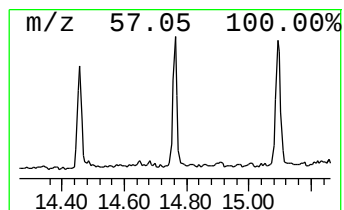
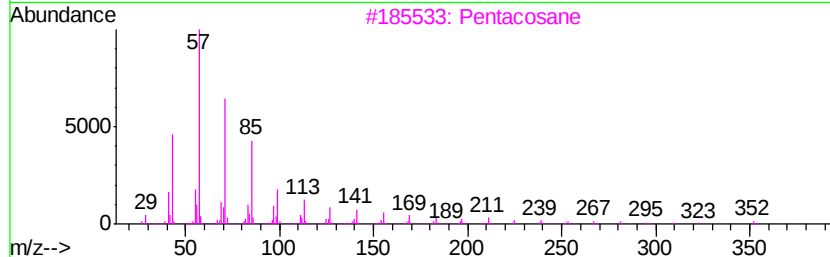
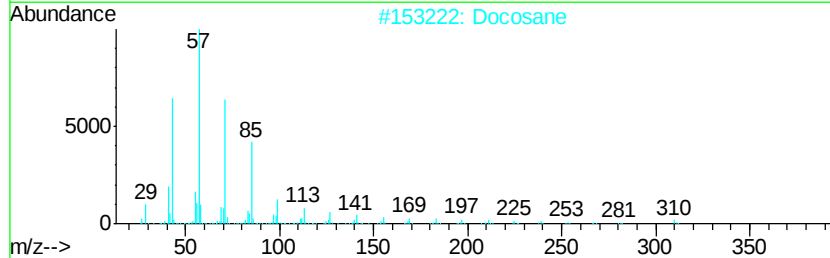
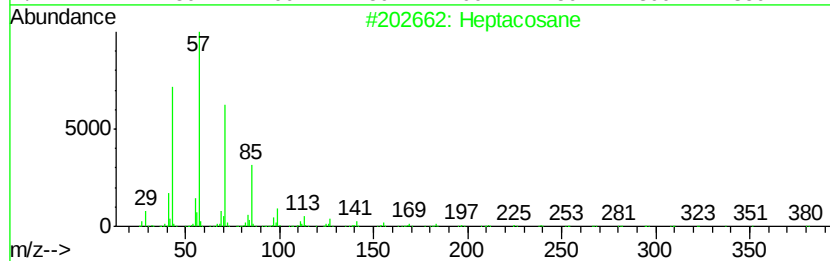
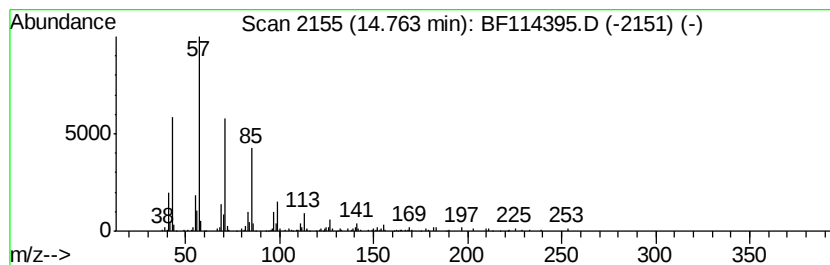
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	2.07 ng	186145	Perylene-d12	15.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Docosane		310	C22H46	000629-97-0	91
3	Pentacosane		352	C25H52	000629-99-2	91
4	Heneicosane		296	C21H44	000629-94-7	90
5	Tetracosane		338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114395.D
Acq On : 18 May 2019 17:04
Operator : JU/SJ
Sample : K2869-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROCKY-SOIL

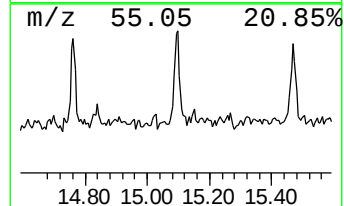
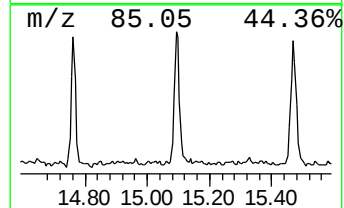
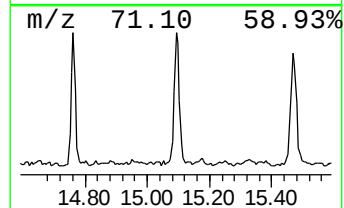
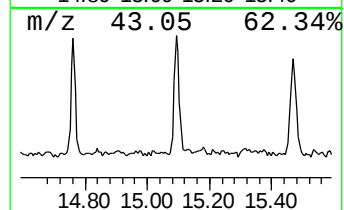
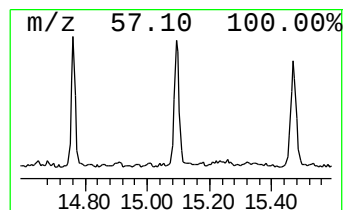
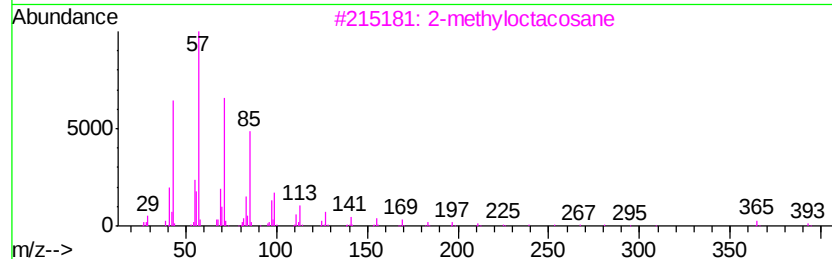
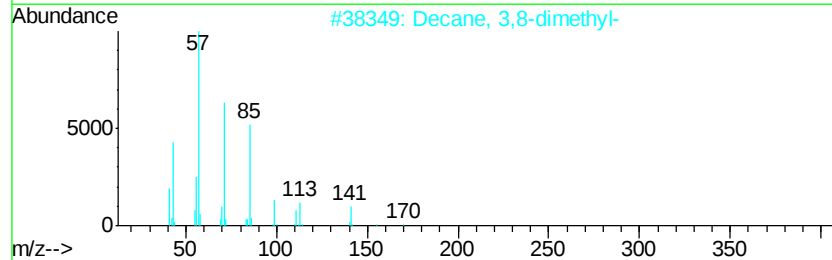
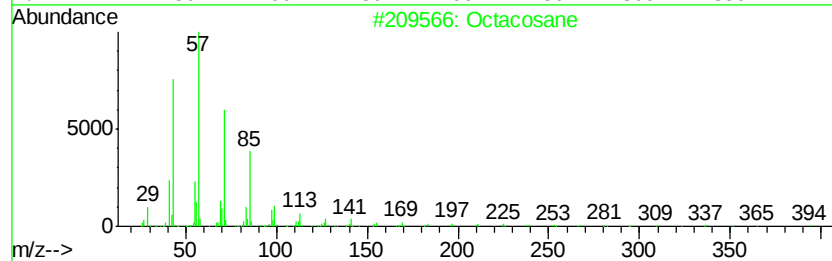
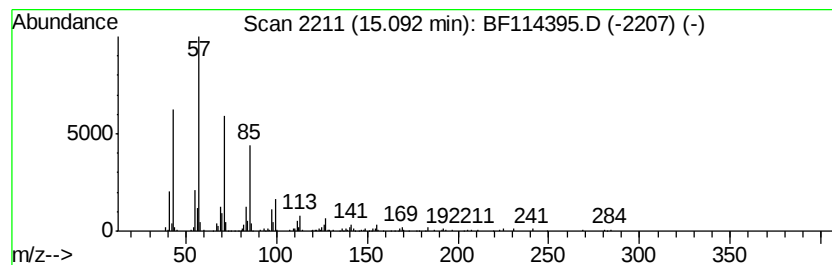
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	2.50 ng	224430	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
3		2-methyloctacosane	408	C29H60	1000376-72-8	87
4		Pentadecane	212	C15H32	000629-62-9	83
5		Octadecane	254	C18H38	000593-45-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114395.D
Acq On : 18 May 2019 17:04
Operator : JU/SJ
Sample : K2869-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROCKY-SOIL

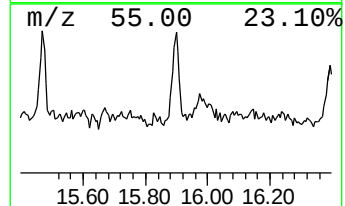
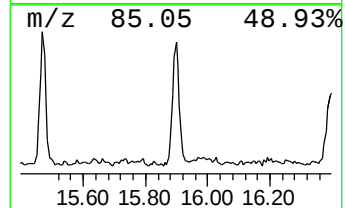
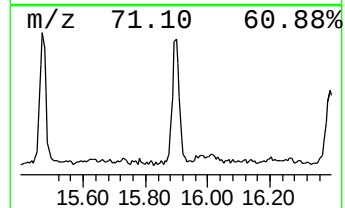
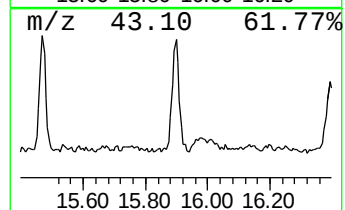
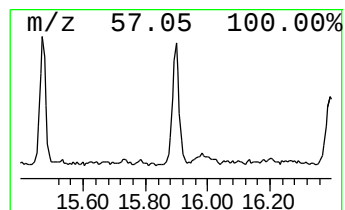
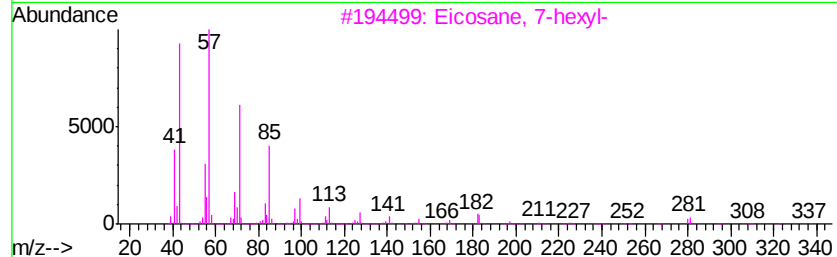
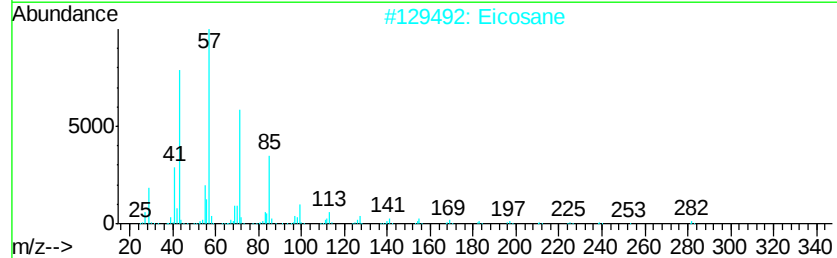
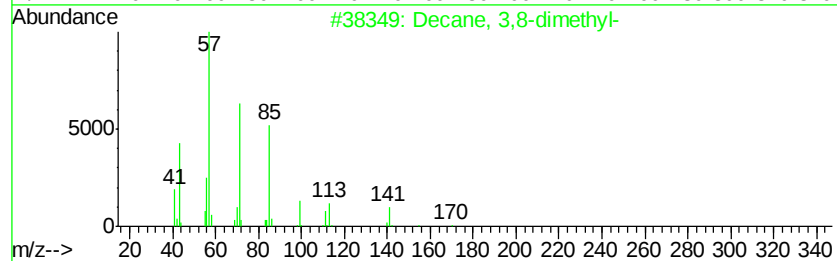
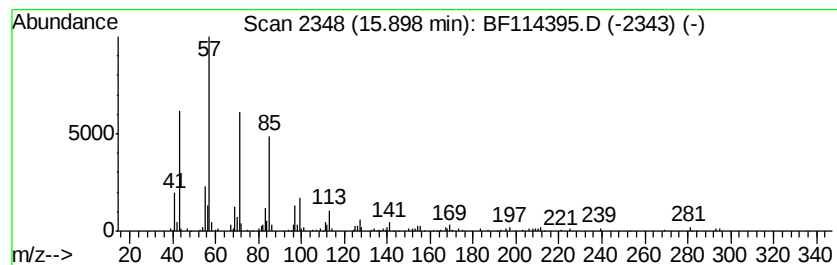
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Decane, 3,8-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.66 ng	238869	Perylene-d12	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
2			Eicosane	282	C20H42	000112-95-8	87
3			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
4			Octacosane	394	C28H58	000630-02-4	76
5			Tetratetracontane	619	C44H90	007098-22-8	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114395.D
Acq On : 18 May 2019 17:04
Operator : JU/SJ
Sample : K2869-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROCKY-SOIL

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
Butane, 2-methoxy...	2.12	19.2	ng	1403420	1	6.83	1461960	20.0
unknown6.61	6.61	64.4	ng	4706890	1	6.83	1461960	20.0
Resorcinol	8.60	2.2	ng	210755	2	8.12	1880020	20.0
n-Hexadecanoic acid	11.87	2.7	ng	305833	4	11.35	2251080	20.0
Docosyl pentafluo...	13.83	5.5	ng	489527	5	13.99	1782390	20.0
Hexadecane, 2,6,1...	14.46	2.0	ng	180821	5	13.99	1782390	20.0
Heptacosane	14.76	2.1	ng	186145	6	15.47	1797650	20.0
Octacosane	15.09	2.5	ng	224430	6	15.47	1797650	20.0
Decane, 3,8-dimet...	15.90	2.7	ng	238869	6	15.47	1797650	20.0