

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081019\
 Data File : BF116143.D
 Acq On : 10 Aug 2019 11:49
 Operator : HP/JU
 Sample : K4254-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RECOVERED-CRSH-AGGREGATE-

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-BF073019.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	2.158	4	12	28	rVB	1679871	2332896	48.75%	5.322%
2	5.469	571	575	607	rBV	3184872	3600611	75.24%	8.214%
3	6.481	742	747	765	rBV	3183250	3792383	79.25%	8.652%
4	6.610	765	769	773	rBV	3544593	3726654	77.87%	8.502%
5	6.834	804	807	817	rVB	1038129	977610	20.43%	2.230%
6	6.993	830	834	855	rVB	3196508	3155979	65.95%	7.200%
7	7.398	899	903	922	rBV	2225473	2602511	54.38%	5.937%
8	8.116	1021	1025	1048	rVB	1284077	1297510	27.11%	2.960%
9	9.192	1202	1208	1211	rBV	4575251	4711109	98.45%	10.748%
10	9.586	1271	1275	1287	rVB	454025	486672	10.17%	1.110%
11	9.869	1319	1323	1335	rBV	1696824	1599519	33.42%	3.649%
12	10.663	1454	1458	1474	rBV	2257156	2416549	50.50%	5.513%
13	11.357	1572	1576	1584	rBV	1748039	1724869	36.04%	3.935%
14	11.422	1584	1587	1596	rVB3	84148	106092	2.22%	0.242%
15	11.880	1657	1665	1680	rBV2	314943	640688	13.39%	1.462%
16	12.580	1780	1784	1787	rBV	90733	120866	2.53%	0.276%
17	12.663	1792	1798	1812	rVV	463654	904543	18.90%	2.064%
18	12.810	1820	1823	1829	rVB	71381	84256	1.76%	0.192%
19	12.945	1841	1846	1849	rBV	4557324	4785446	100.00%	10.917%
20	13.845	1994	1999	2016	rBV2	232065	655917	13.71%	1.496%
21	13.998	2021	2025	2038	rVB	1054200	1235645	25.82%	2.819%
22	14.145	2047	2050	2053	rBV	64844	57389	1.20%	0.131%
23	14.451	2098	2102	2107	rBV	144609	140015	2.93%	0.319%
24	14.751	2149	2153	2162	rVB	228982	245654	5.13%	0.560%
25	14.827	2162	2166	2170	rBV	90721	101277	2.12%	0.231%
26	15.080	2205	2209	2214	rVB	253114	293290	6.13%	0.669%
27	15.463	2268	2274	2293	rVB2	697965	1243838	25.99%	2.838%
28	15.880	2339	2345	2353	rBV	235368	367495	7.68%	0.838%
29	16.380	2424	2430	2444	rVB	138320	283437	5.92%	0.647%
30	16.957	2523	2528	2537	rVB4	45126	90941	1.90%	0.207%
31	17.639	2639	2644	2652	rVB6	18513	51507	1.08%	0.118%

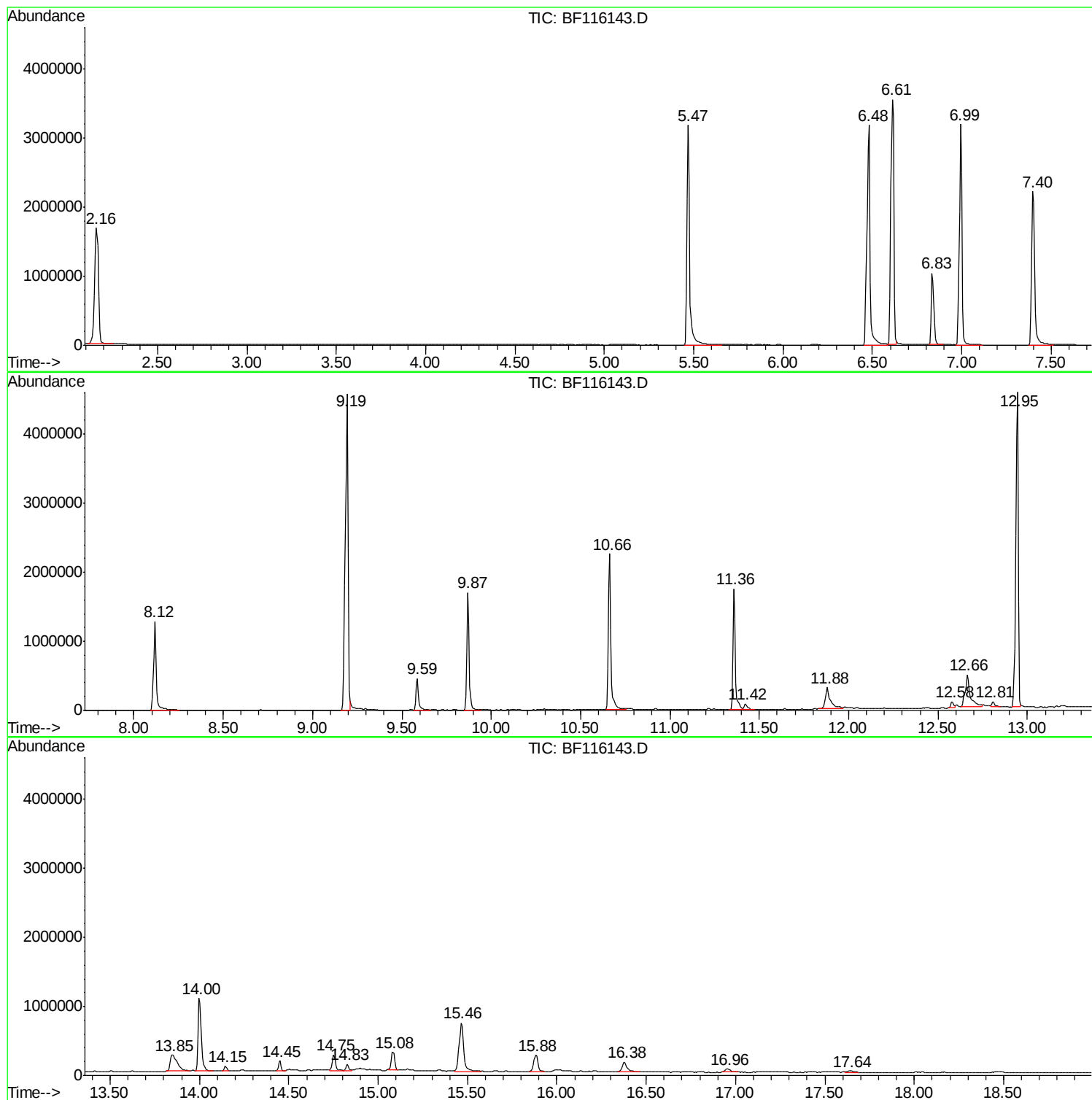
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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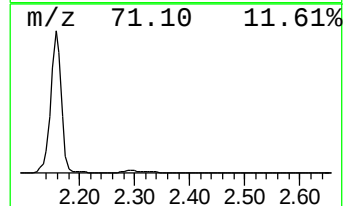
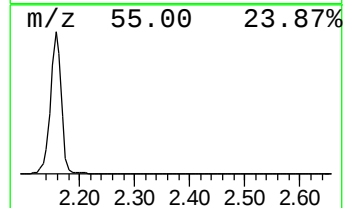
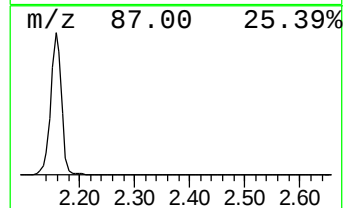
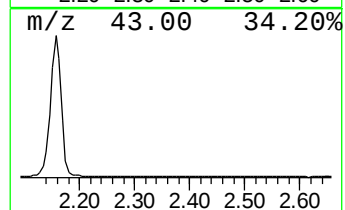
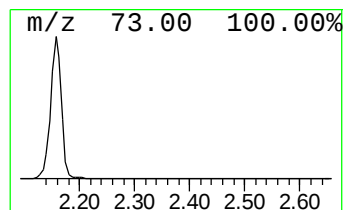
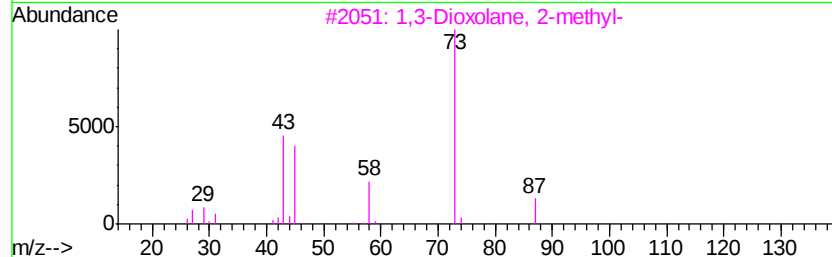
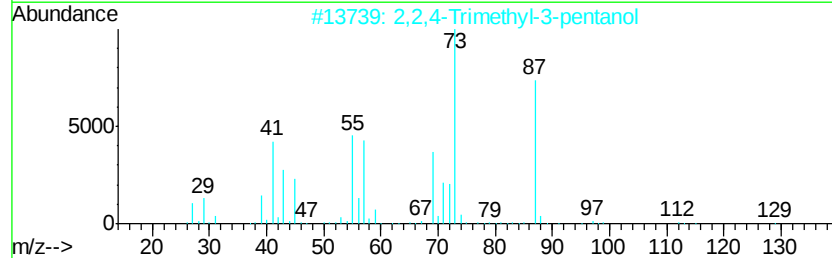
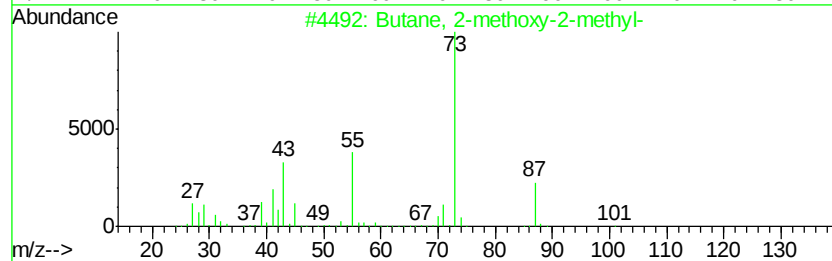
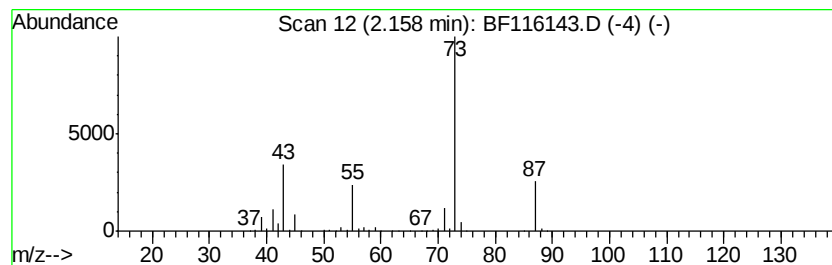
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.16	47.73 ng	2332900	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		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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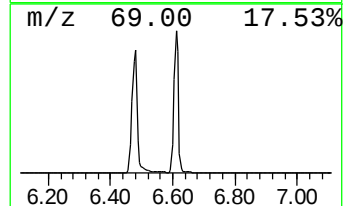
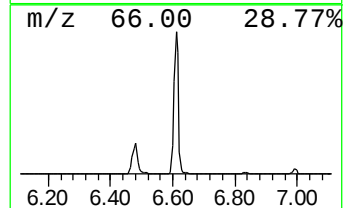
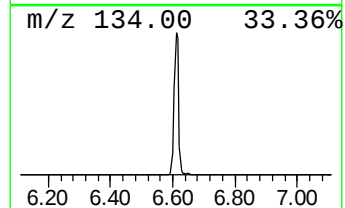
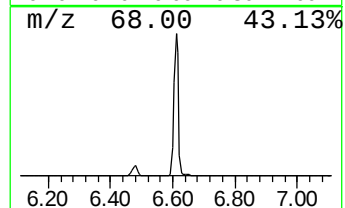
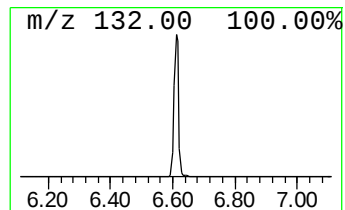
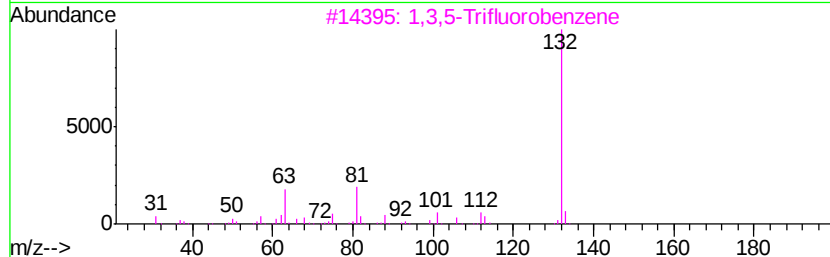
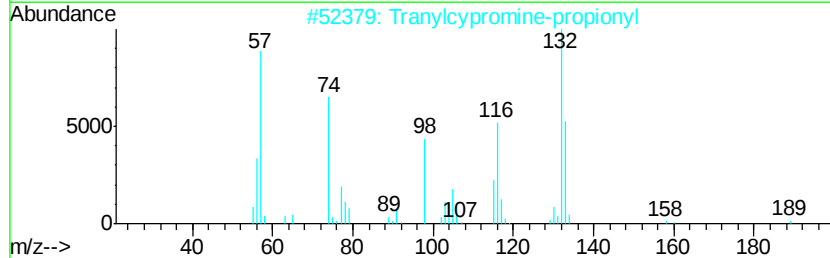
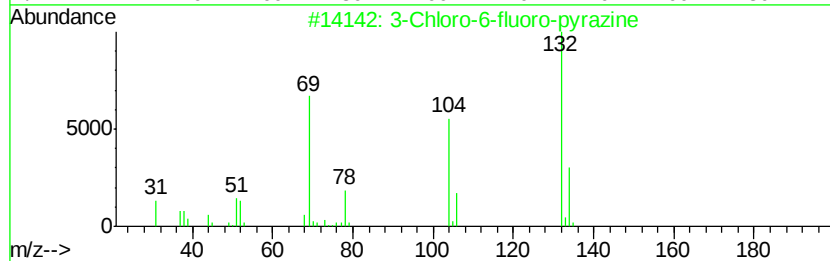
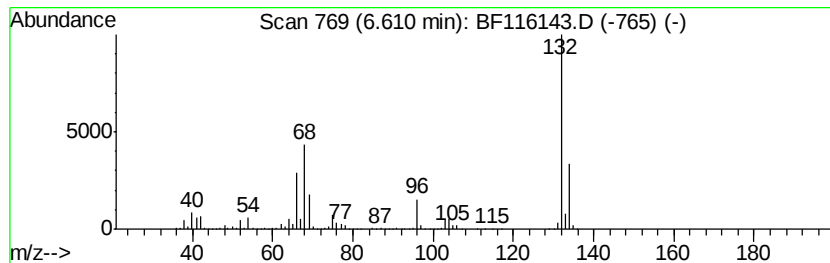
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Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	76.24 ng	3726650	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		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		Xenon	132	Xe	007440-63-3	9



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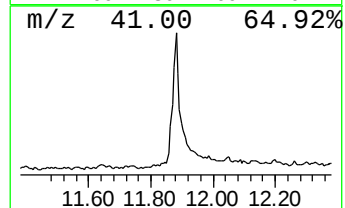
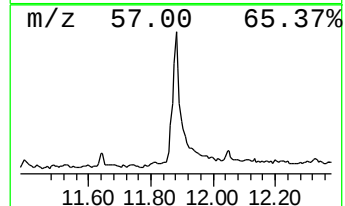
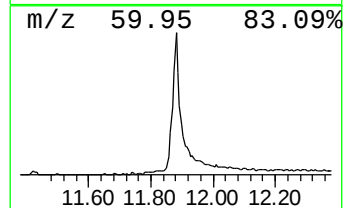
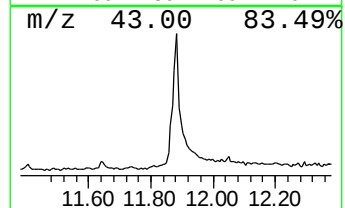
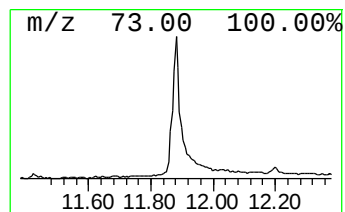
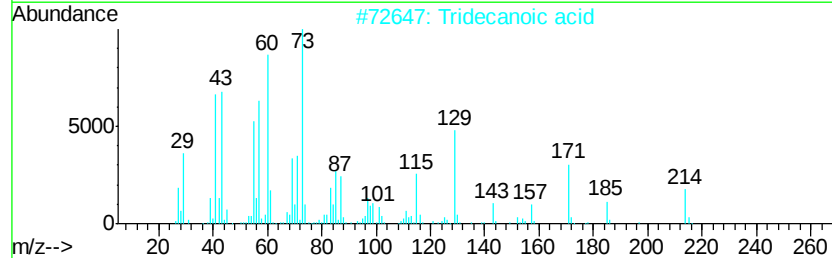
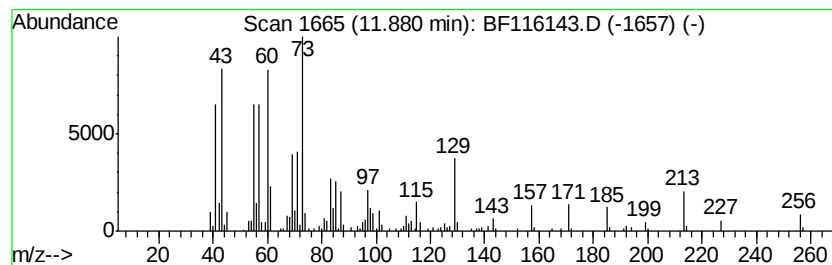
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	7.43 ng	640688	Phenanthrene-d10	11.36

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	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5		n-Decanoic acid	172	C10H20O2	000334-48-5	62



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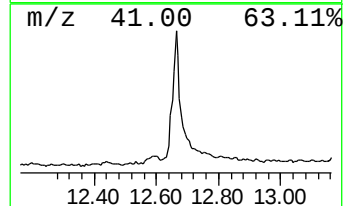
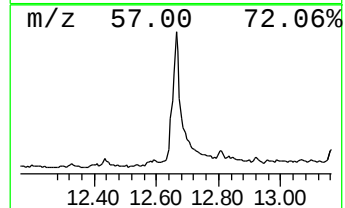
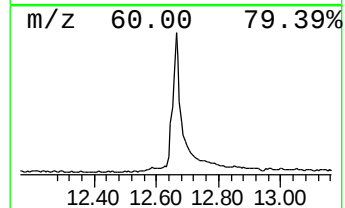
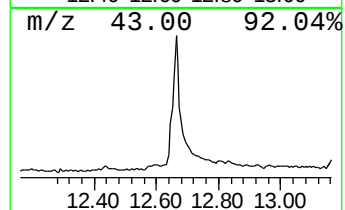
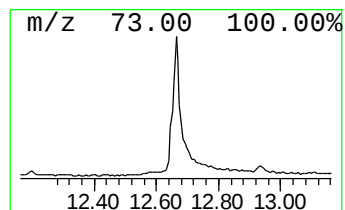
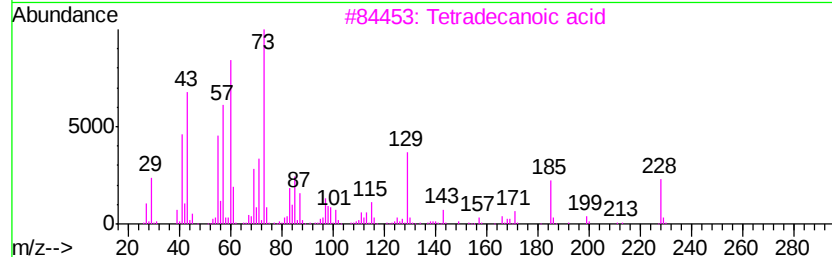
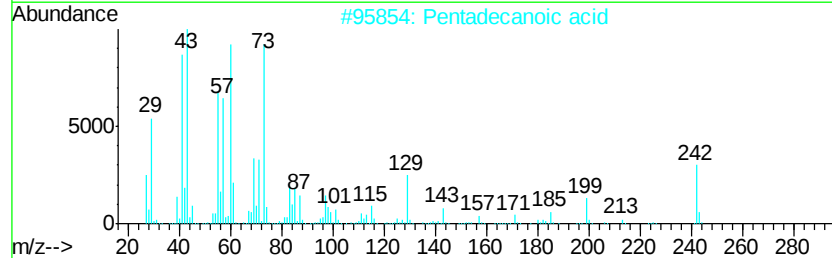
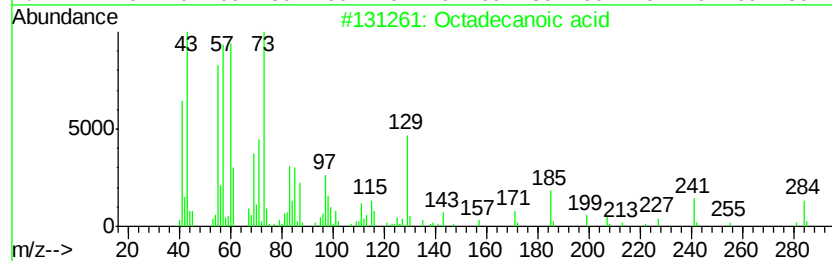
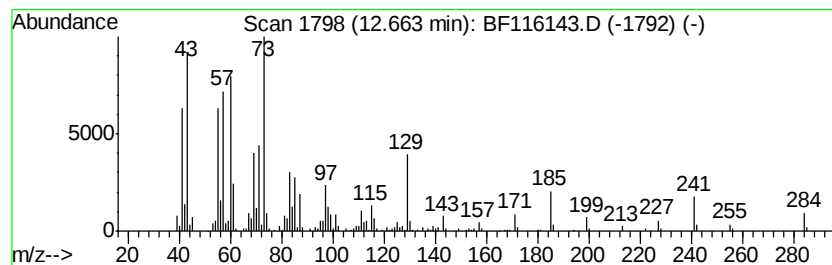
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Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	10.49 ng	904543	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68



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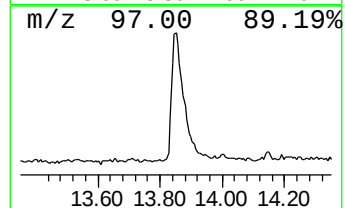
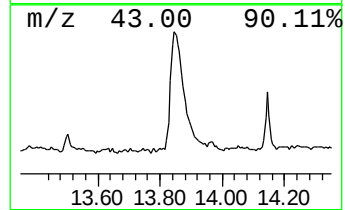
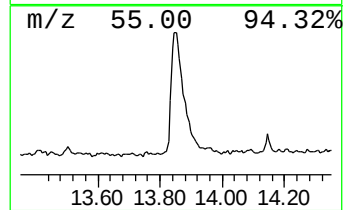
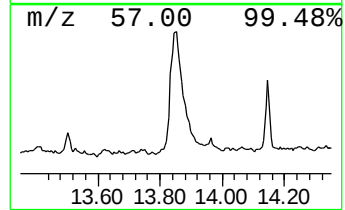
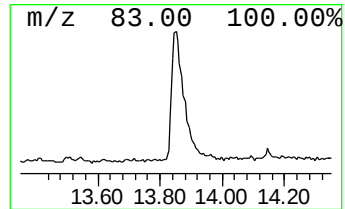
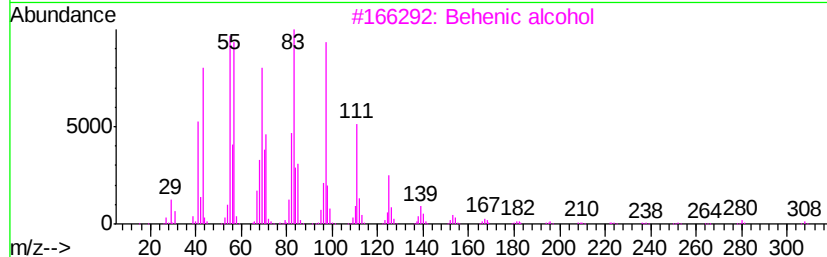
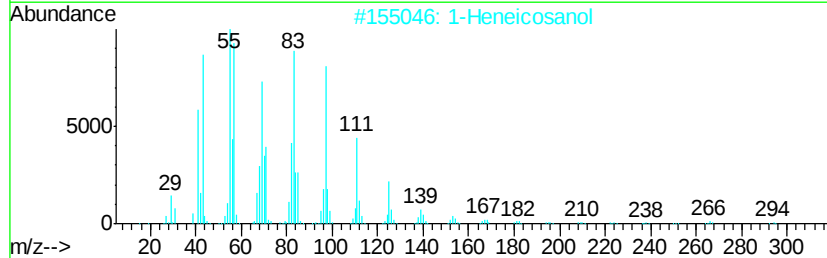
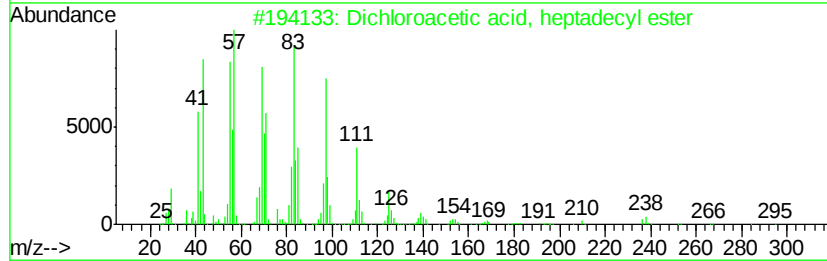
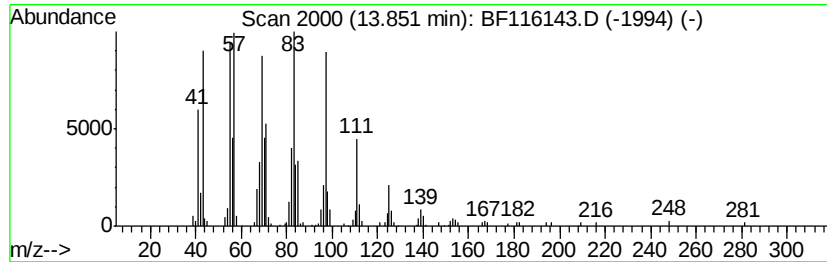
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Peak Number 6 Dichloroacetic acid, heptad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	10.62 ng	655917	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2		1-Heneicosanol	312	C21H44O	015594-90-8	95
3		Behenic alcohol	326	C22H46O	000661-19-8	95
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94



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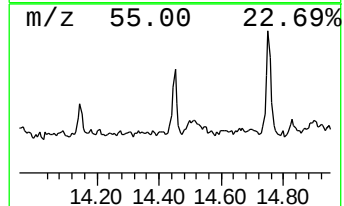
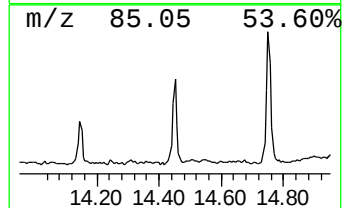
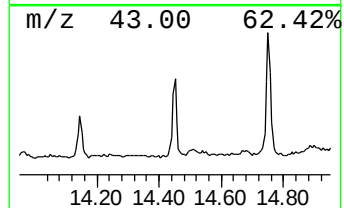
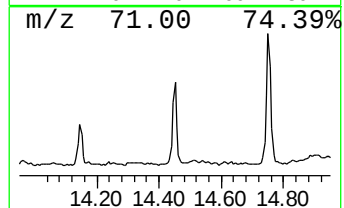
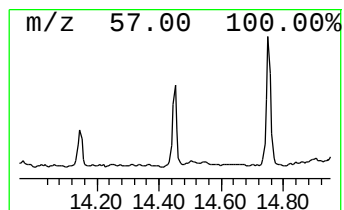
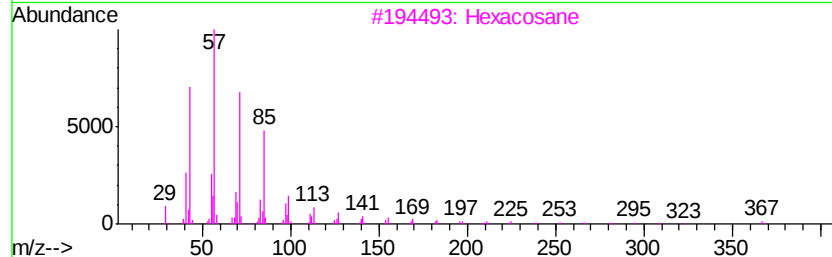
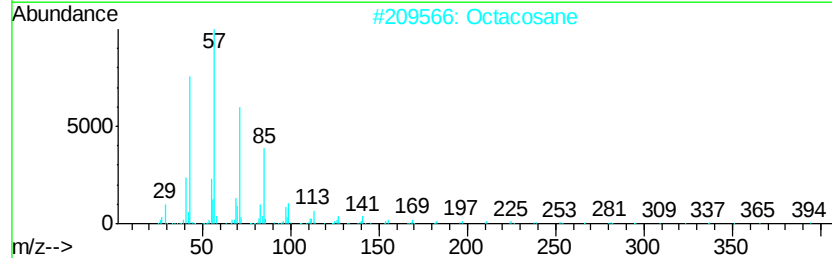
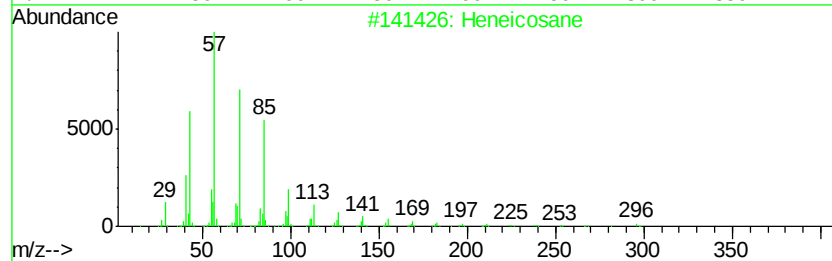
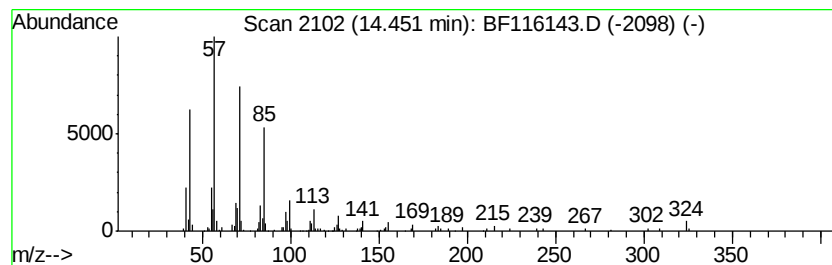
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	2.27 ng	140015	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Octacosane		394	C28H58	000630-02-4	90
3	Hexacosane		366	C26H54	000630-01-3	90
4	triacontane		422	C30H62	000638-68-6	90
5	Docosane		310	C22H46	000629-97-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116143.D
Acq On : 10 Aug 2019 11:49
Operator : HP/JU
Sample : K4254-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RECOVERED-CRSH-AGGREGATE-

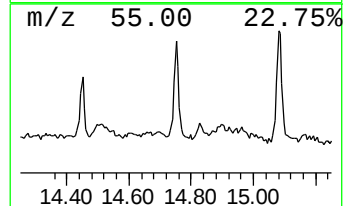
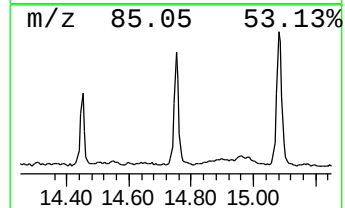
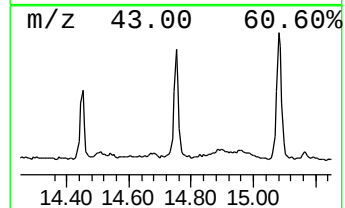
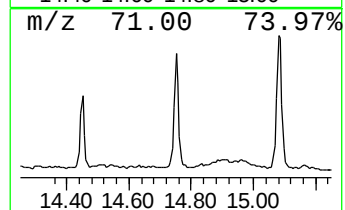
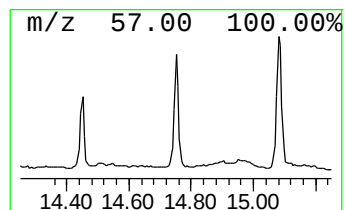
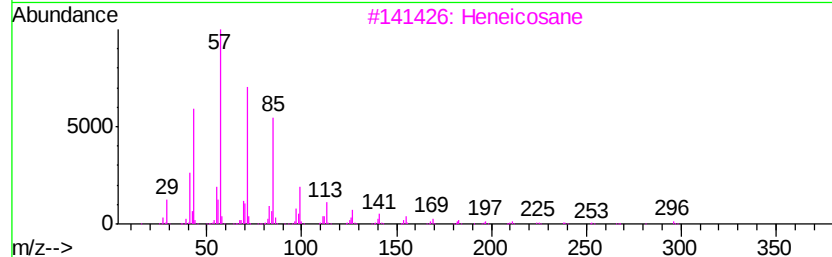
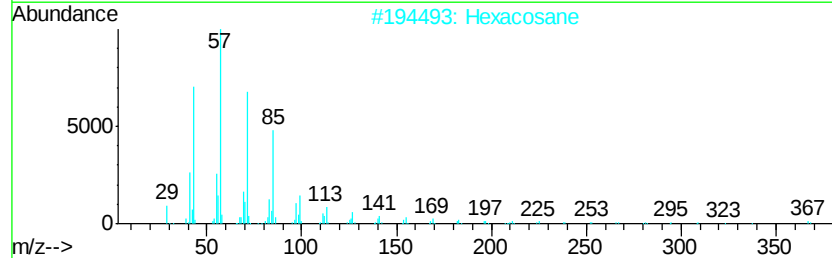
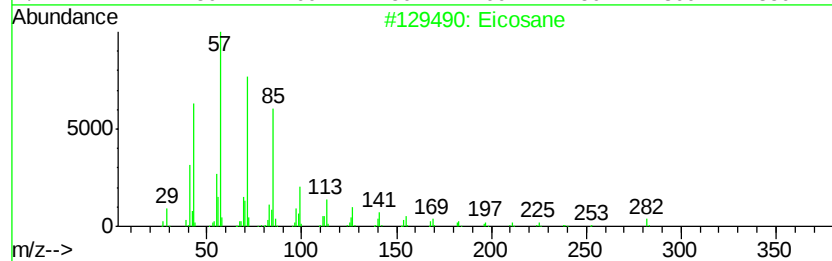
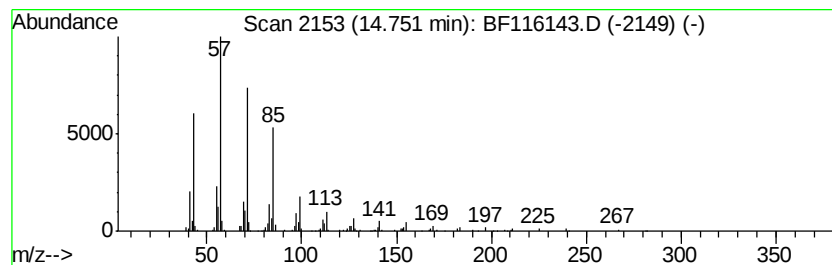
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	3.95 ng	245654	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116143.D
Acq On : 10 Aug 2019 11:49
Operator : HP/JU
Sample : K4254-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RECOVERED-CRSH-AGGREGATE-

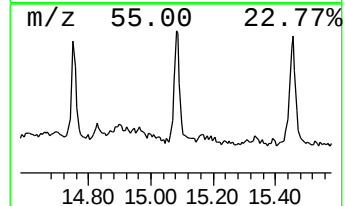
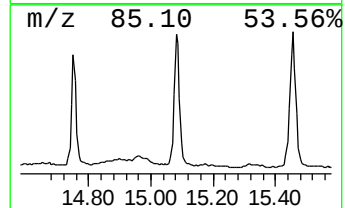
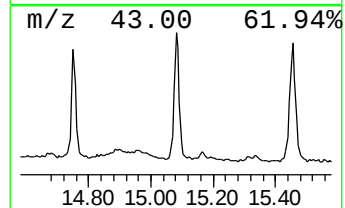
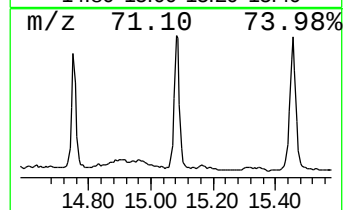
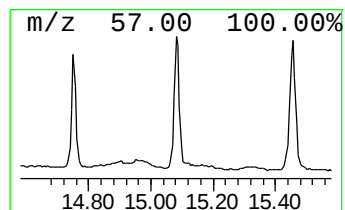
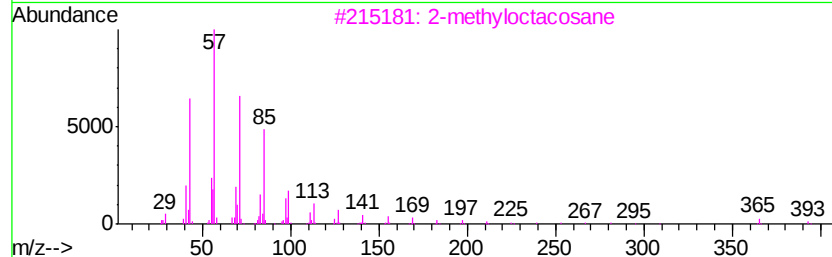
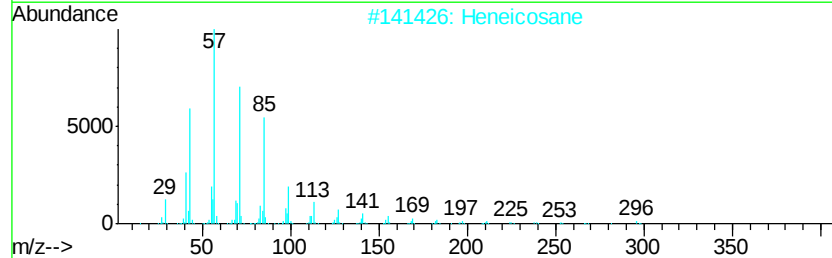
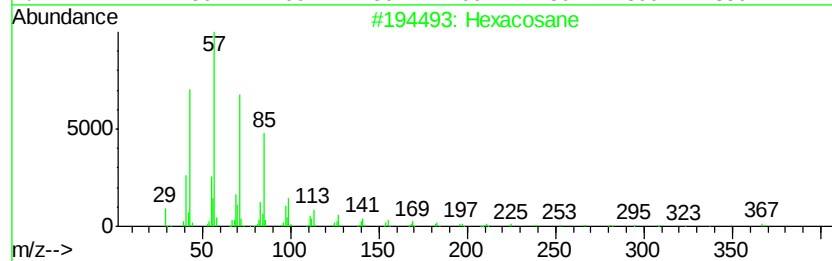
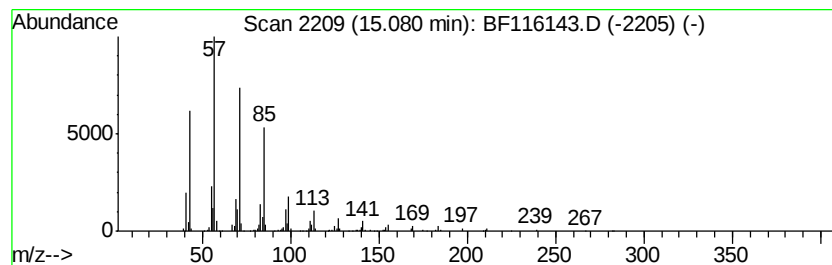
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	4.72 ng	293290	Perylene-d12	15.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	91
2	Heneicosane		296	C21H44	000629-94-7	91
3	2-methyloctacosane		408	C29H60	1000376-72-8	91
4	Heneicosane, 11-(1-ethylpropyl)-		366	C26H54	055282-11-6	90
5	Heptadecane		240	C17H36	000629-78-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116143.D
Acq On : 10 Aug 2019 11:49
Operator : HP/JU
Sample : K4254-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RECOVERED-CRSH-AGGREGATE-

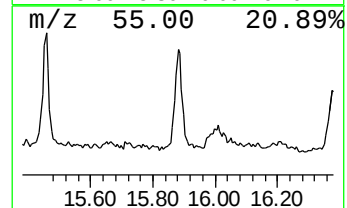
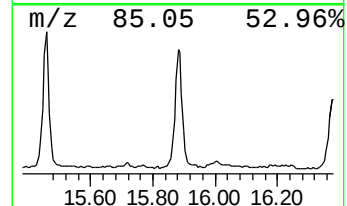
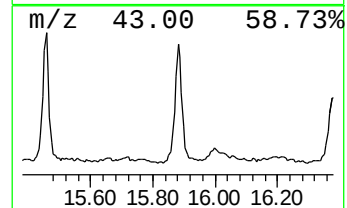
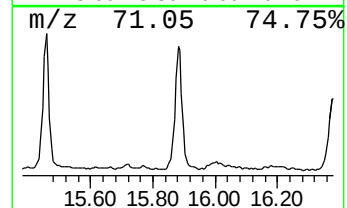
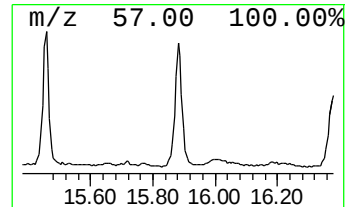
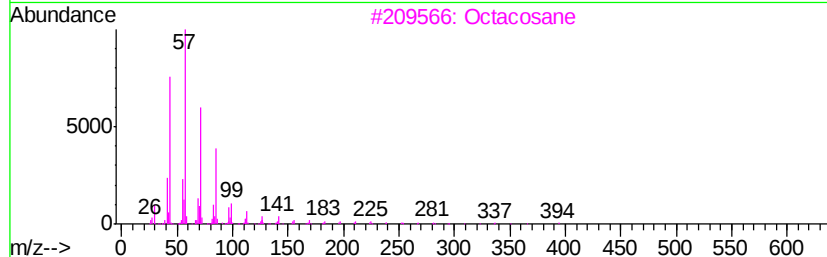
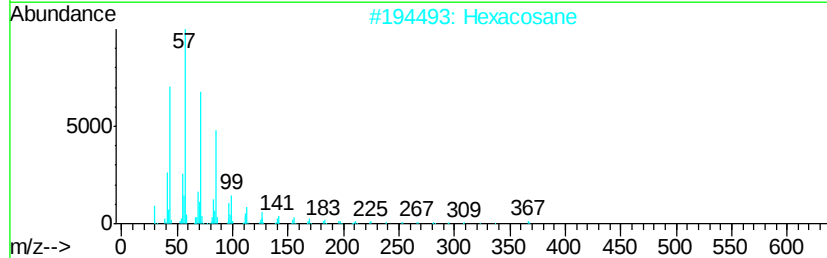
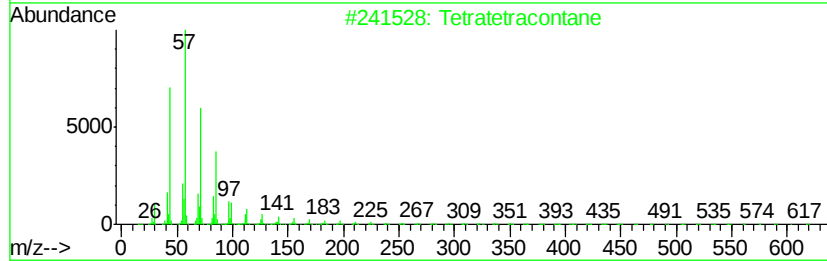
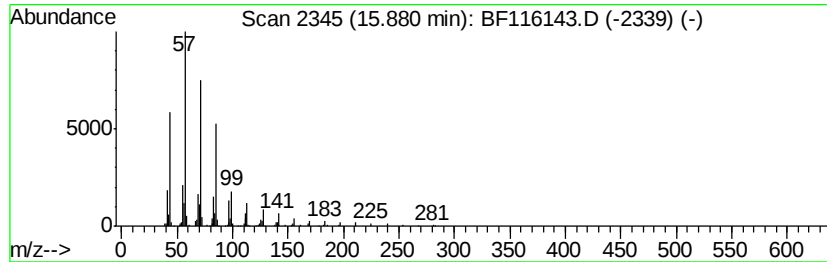
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetratetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	5.91 ng	367495	Perylene-d12	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	91
2			Hexacosane	366	C26H54	000630-01-3	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Hentriacontane	437	C31H64	000630-04-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116143.D
Acq On : 10 Aug 2019 11:49
Operator : HP/JU
Sample : K4254-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RECOVERED-CRSH-AGGREGATE-

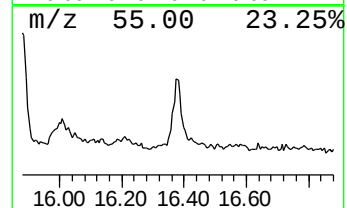
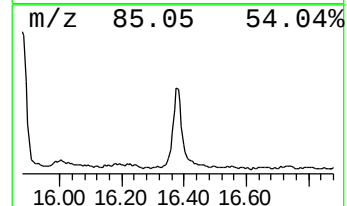
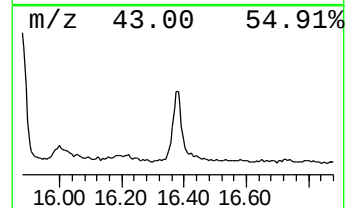
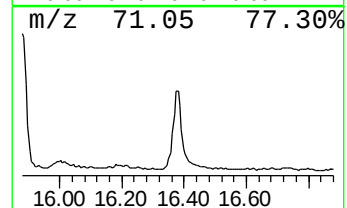
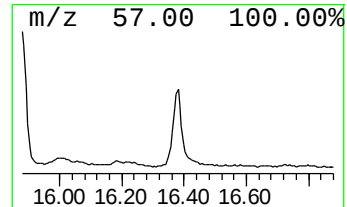
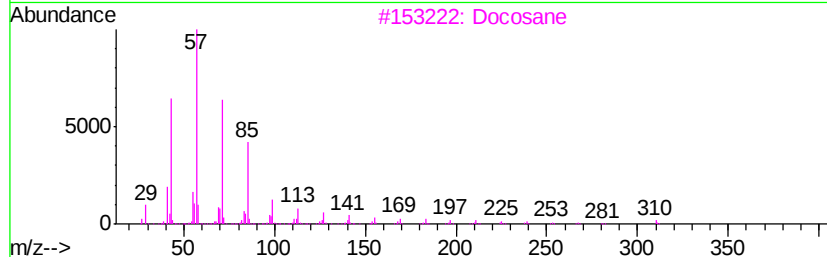
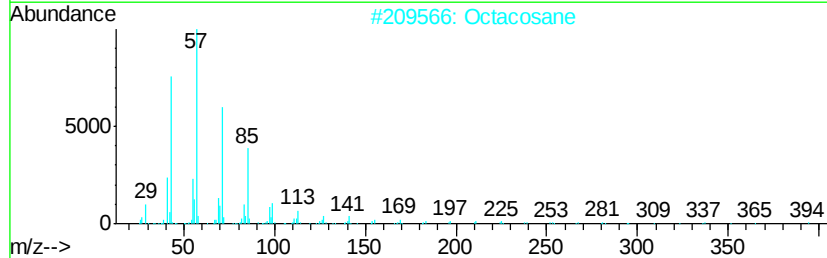
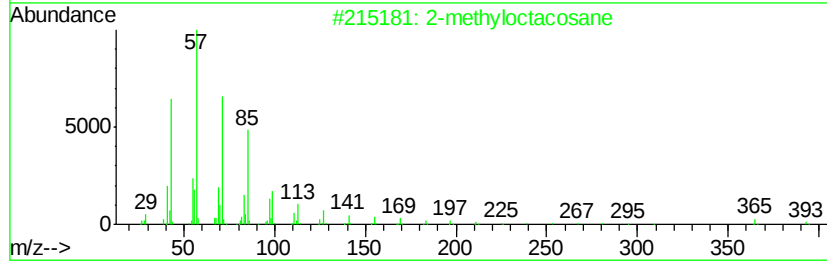
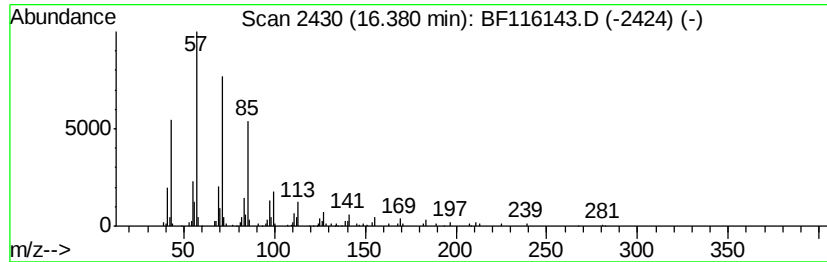
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	4.56 ng	283437	Perylene-d12	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Docosane	310	C22H46	000629-97-0	91
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5			Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081019\
Data File : BF116143.D
Acq On : 10 Aug 2019 11:49
Operator : HP/JU
Sample : K4254-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RECOVERED-CRSH-AGGREGATE-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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unknown6.61	6.61	76.2	ng	3726650	1	6.83	977610	20.0
n-Hexadecanoic acid	11.88	7.4	ng	640688	4	11.36	1724870	20.0
Octadecanoic acid	12.66	10.5	ng	904543	4	11.36	1724870	20.0
Dichloroacetic ac...	13.85	10.6	ng	655917	5	14.00	1235650	20.0
Heneicosane	14.45	2.3	ng	140015	5	14.00	1235650	20.0
Eicosane	14.75	4.0	ng	245654	6	15.47	1243840	20.0
Hexacosane	15.08	4.7	ng	293290	6	15.47	1243840	20.0
Tetratetracontane	15.88	5.9	ng	367495	6	15.47	1243840	20.0
2-methyloctacosane	16.38	4.6	ng	283437	6	15.47	1243840	20.0