

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081719\
 Data File : BF116351.D
 Acq On : 17 Aug 2019 12:30
 Operator : HP/JU
 Sample : K4377-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-29

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	2.116	3	5	20	rVB	2397829	2974972	72.04%	7.325%
2	5.446	567	571	598	rBV	3076889	3694873	89.47%	9.097%
3	6.457	738	743	761	rBV	3355281	3963582	95.98%	9.759%
4	6.587	761	765	768	rBV	3882483	3712025	89.88%	9.140%
5	6.810	800	803	813	rVB	934387	871631	21.11%	2.146%
6	6.963	826	829	845	rBV	3027382	3000323	72.65%	7.387%
7	7.375	895	899	926	rBV	2482033	2572330	62.29%	6.333%
8	8.087	1017	1020	1038	rVB	1078100	1117300	27.05%	2.751%
9	9.163	1198	1203	1206	rBV	4279488	4129755	100.00%	10.168%
10	9.275	1218	1222	1232	rVB	291280	276901	6.71%	0.682%
11	9.557	1267	1270	1277	rBV	819150	676102	16.37%	1.665%
12	9.839	1314	1318	1333	rVB	1589239	1316469	31.88%	3.241%
13	10.416	1413	1416	1424	rBV	62502	69137	1.67%	0.170%
14	10.633	1449	1453	1469	rBV	2638737	2626280	63.59%	6.466%
15	11.327	1567	1571	1580	rBV	1455066	1304348	31.58%	3.211%
16	11.392	1580	1582	1587	rVB2	75010	66712	1.62%	0.164%
17	11.551	1605	1609	1616	rBV2	21832	43277	1.05%	0.107%
18	11.851	1657	1660	1668	rBV2	103068	144670	3.50%	0.356%
19	12.357	1743	1746	1764	rBV	336630	602915	14.60%	1.484%
20	12.557	1775	1780	1783	rBV	138344	134365	3.25%	0.331%
21	12.774	1813	1817	1826	rVB3	28984	51910	1.26%	0.128%
22	12.910	1835	1840	1843	rBV	3895624	3942032	95.45%	9.706%
23	13.127	1871	1877	1886	rBV2	52171	99988	2.42%	0.246%
24	13.792	1986	1990	2003	rBV3	283959	546716	13.24%	1.346%
25	13.969	2016	2020	2031	rBV	1060369	1043671	25.27%	2.570%
26	14.416	2092	2096	2098	rBV	50162	52912	1.28%	0.130%
27	14.710	2142	2146	2150	rBV	70716	75436	1.83%	0.186%
28	15.039	2197	2202	2210	rBV	109809	134757	3.26%	0.332%
29	15.421	2258	2267	2284	rBV	609248	1041213	25.21%	2.564%
30	15.821	2329	2335	2342	rBV	120808	183705	4.45%	0.452%
31	16.304	2411	2417	2434	rVB2	74534	144648	3.50%	0.356%

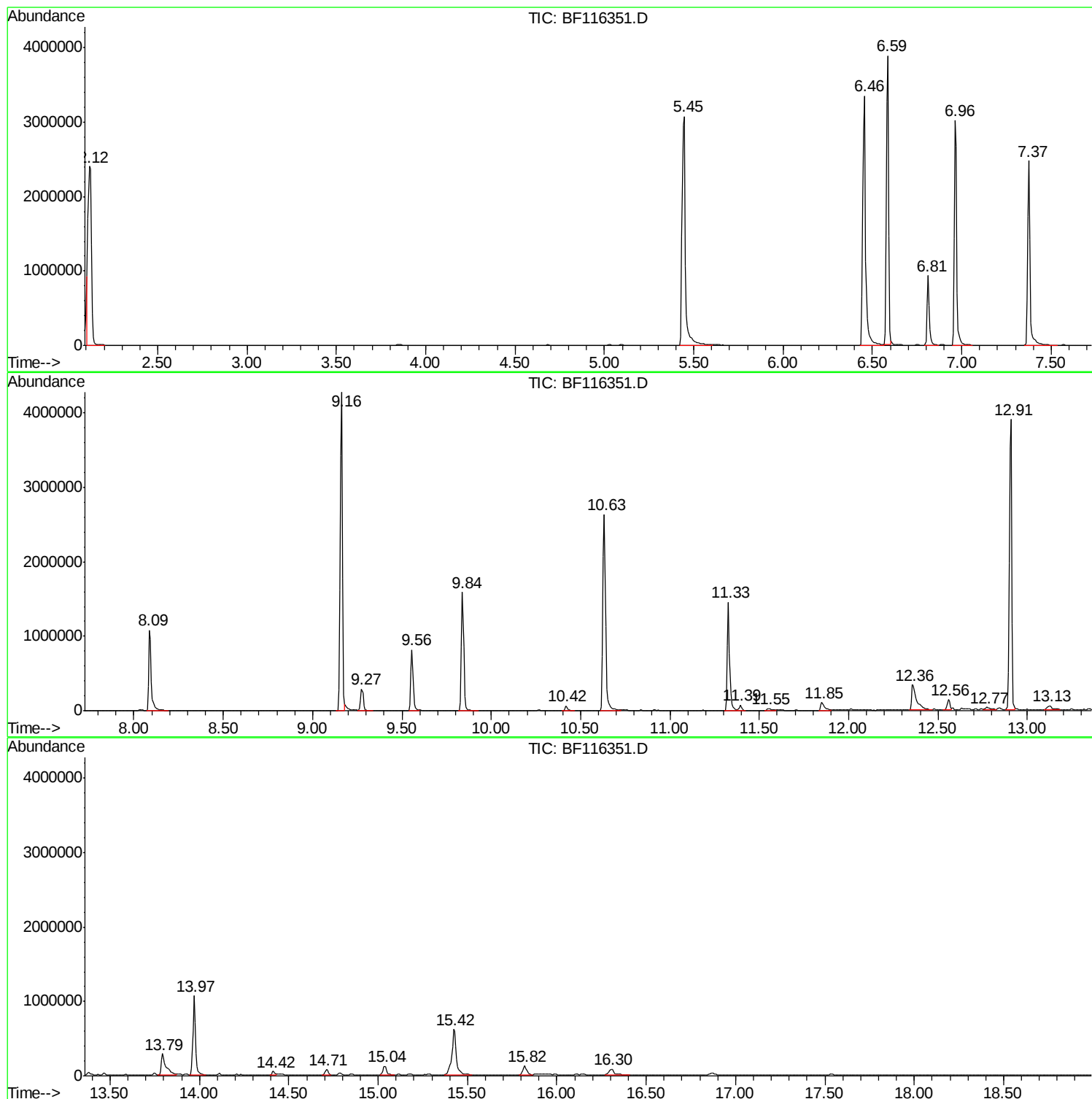
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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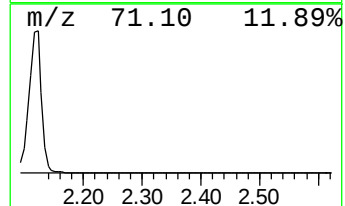
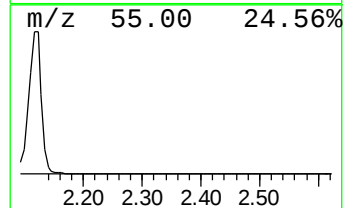
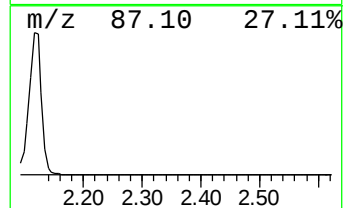
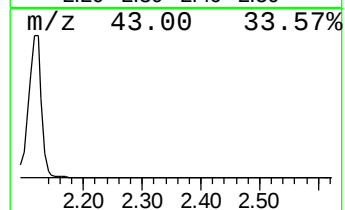
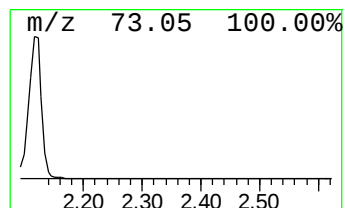
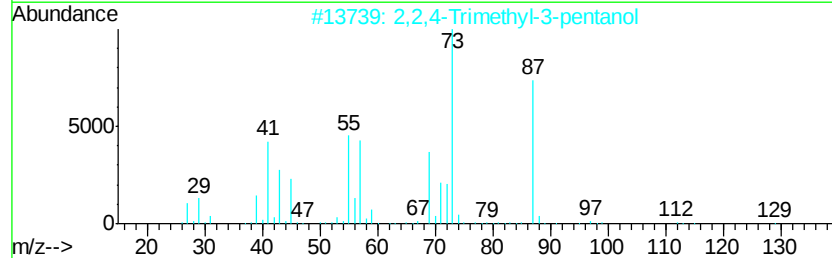
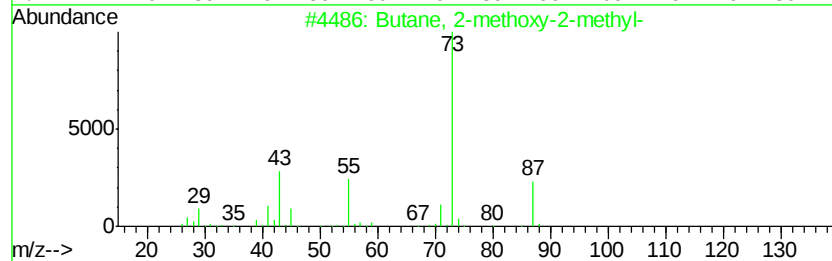
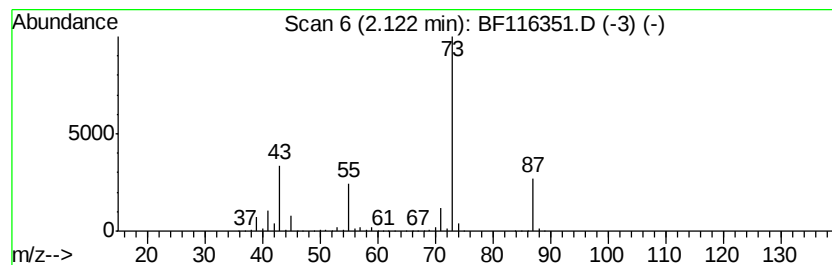
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	68.26 ng	2974970	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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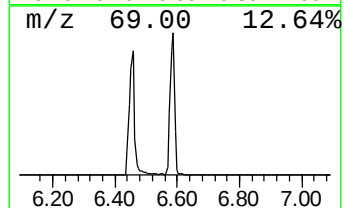
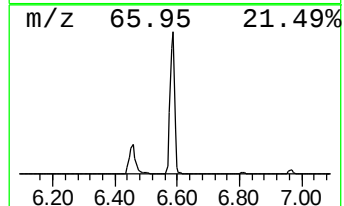
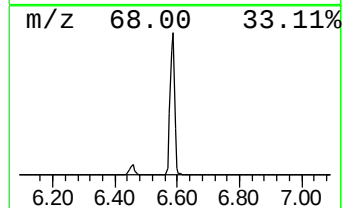
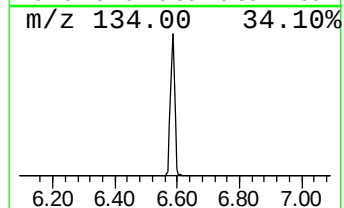
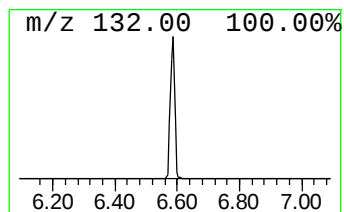
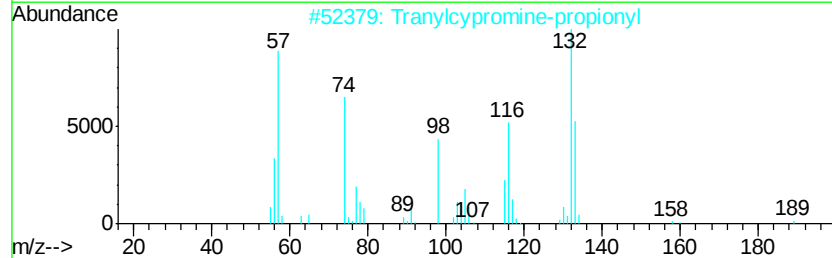
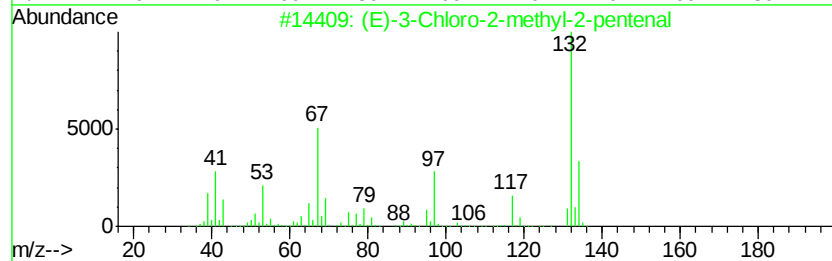
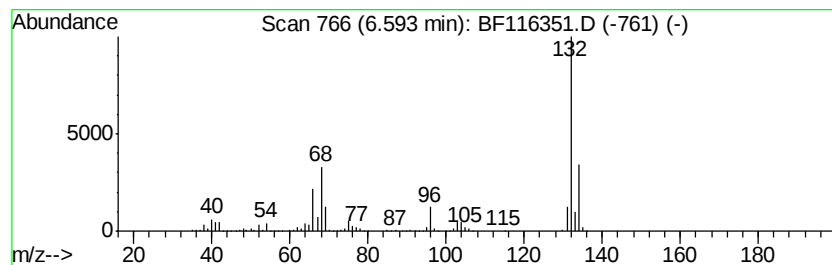
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Peak Number 2 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	85.17 ng	3712030	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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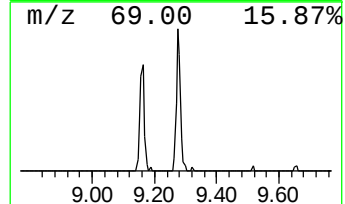
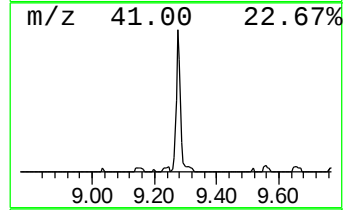
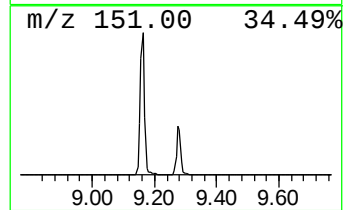
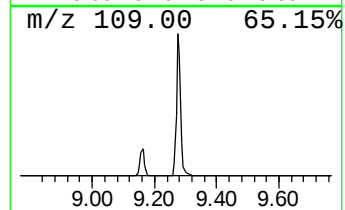
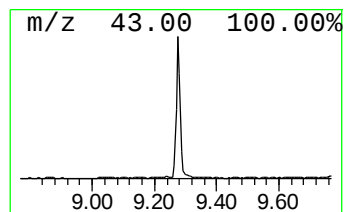
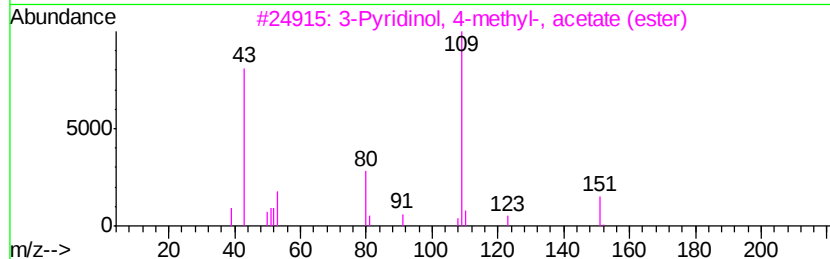
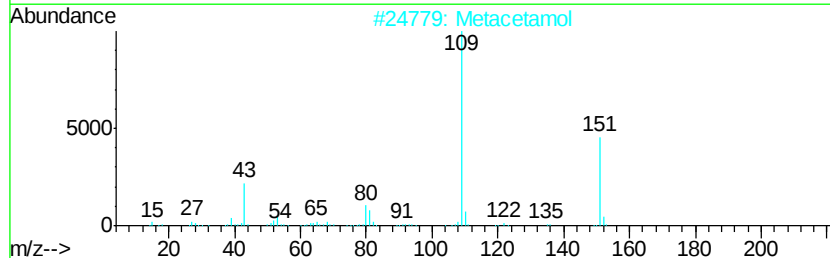
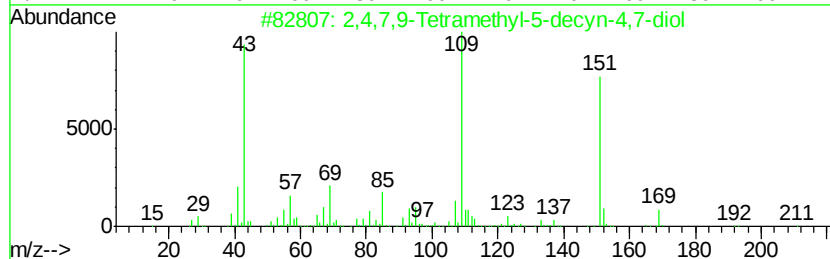
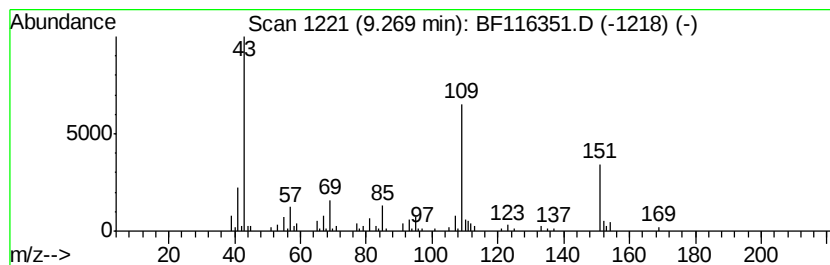
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Peak Number 4 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	4.21 ng	276901	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2		Metacetamol	151	C8H9NO2	000621-42-1	59
3		3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	59
4		Acetamide, N-(2-hydroxyphenyl)-	151	C8H9NO2	000614-80-2	45
5		Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	45



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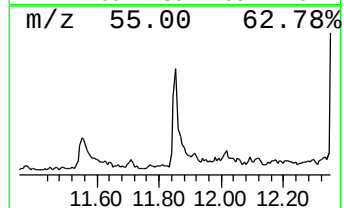
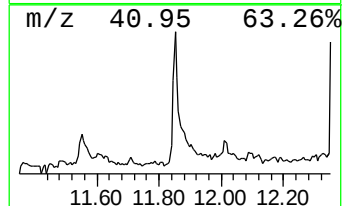
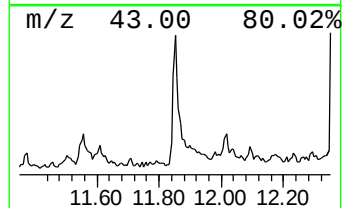
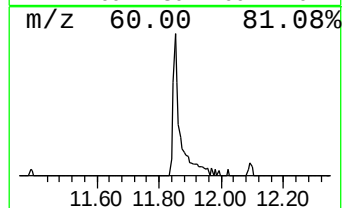
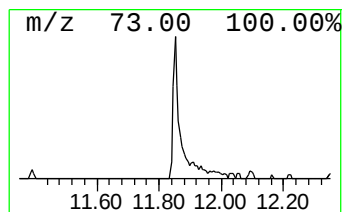
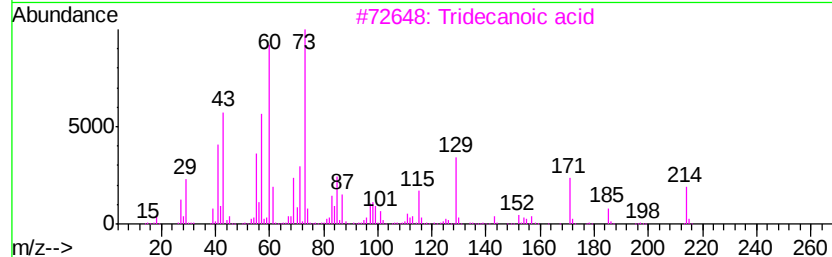
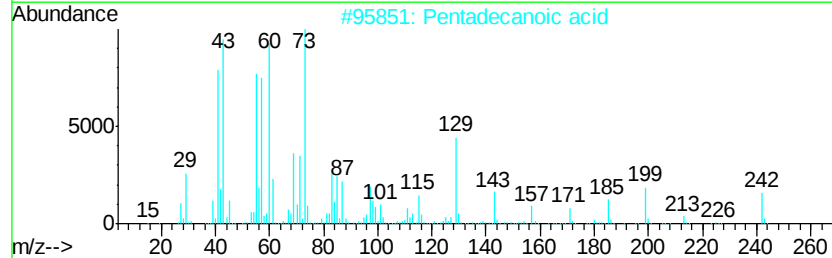
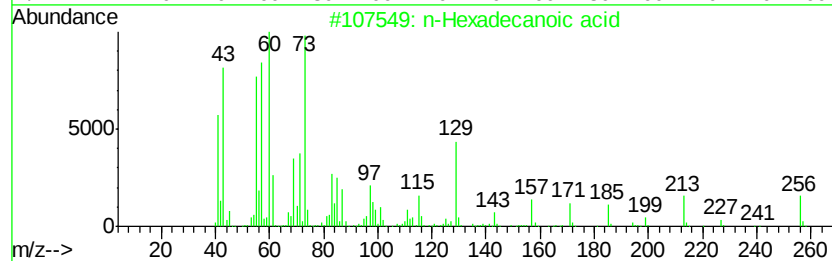
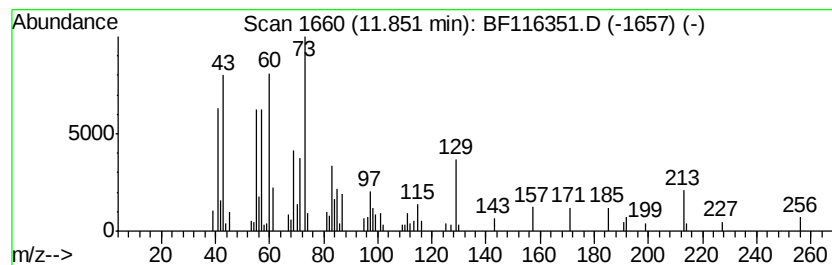
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	2.22 ng	144670	Phenanthrene-d10	11.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		Tridecanoic acid	214	C13H26O2	000638-53-9	72
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5		Dodecanoic acid	200	C12H24O2	000143-07-7	53



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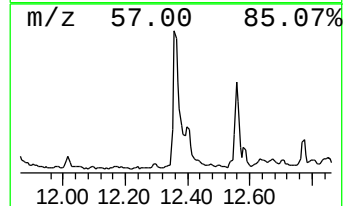
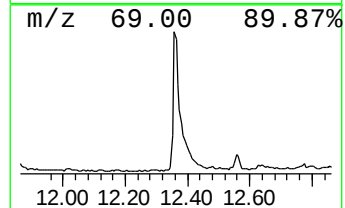
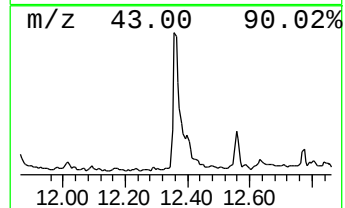
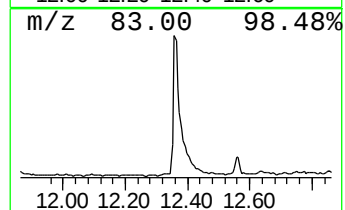
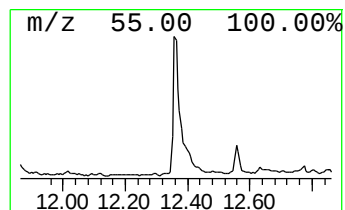
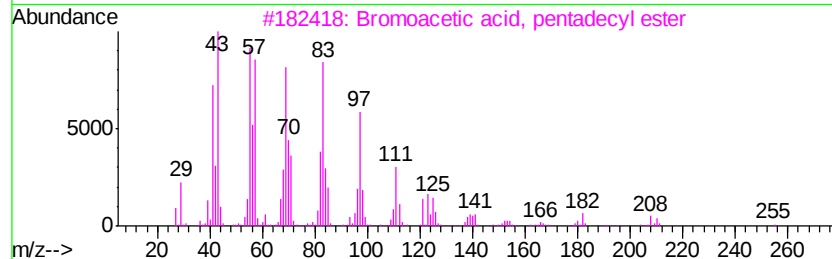
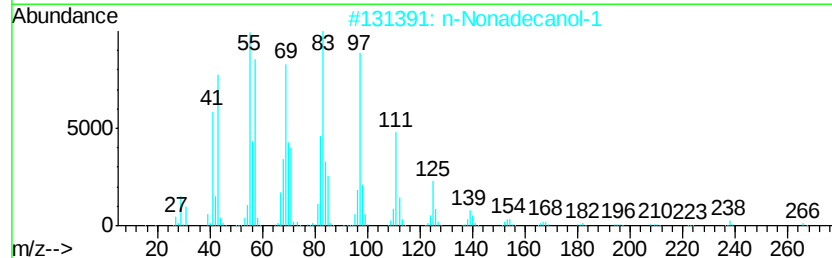
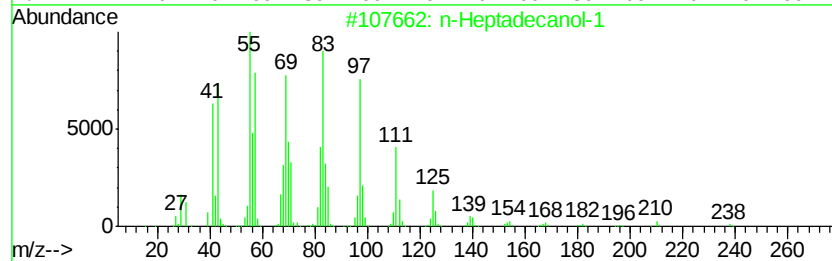
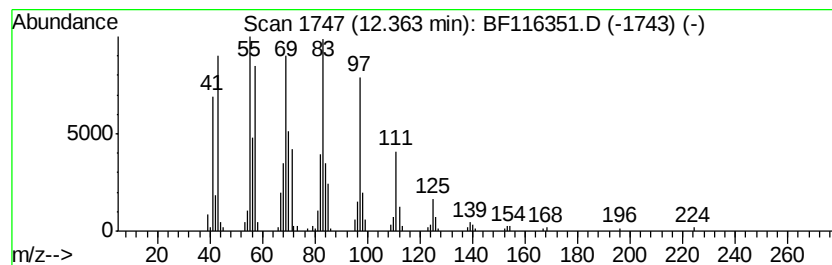
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Peak Number 6 n-Heptadecanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	9.24 ng	602915	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Heptadecanol-1	256	C17H36O	001454-85-9	95
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	94
4		1-Hexadecanol	242	C16H34O	036653-82-4	93
5		Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	93



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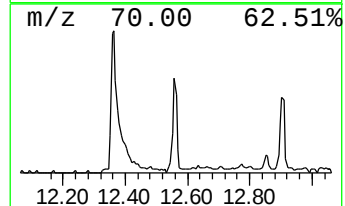
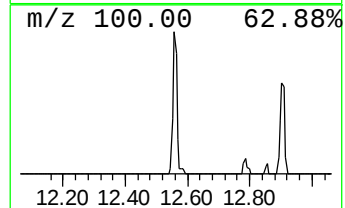
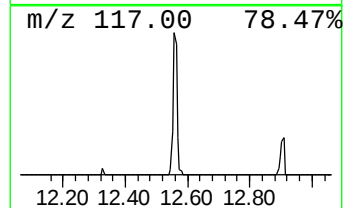
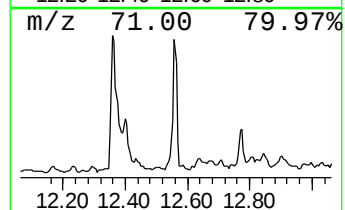
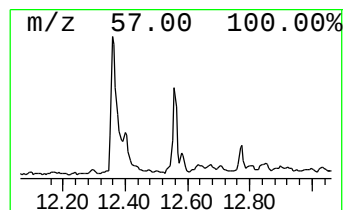
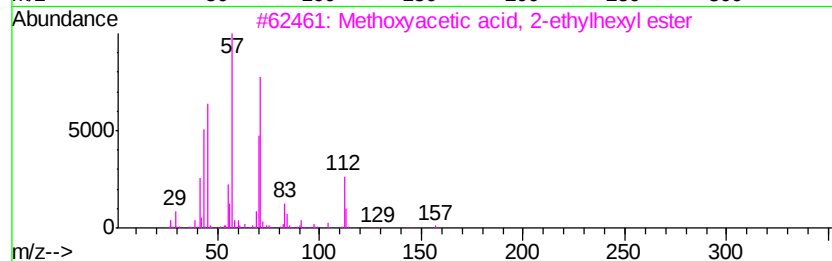
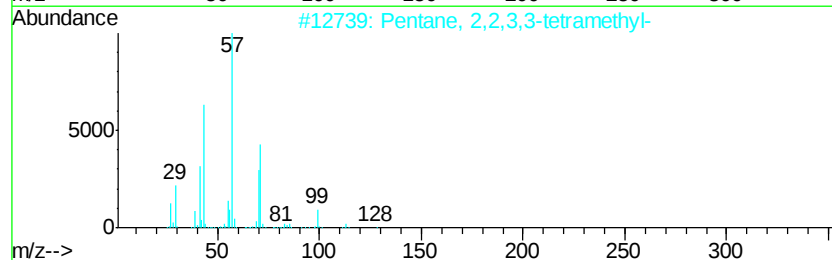
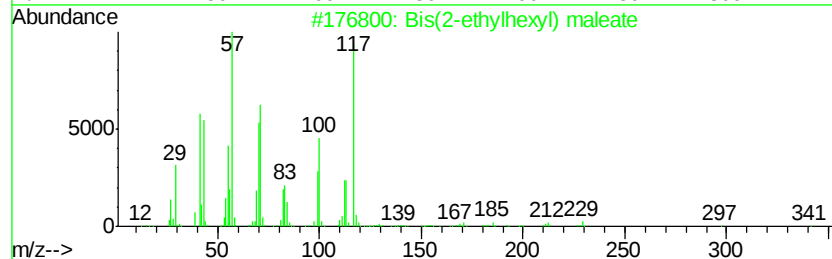
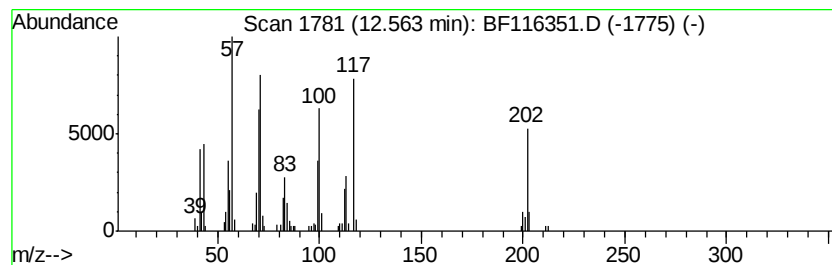
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Bis(2-ethylhexyl) maleate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	2.06 ng	134365	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bis(2-ethylhexyl) maleate	340	C20H36O4	000142-16-5	62
2		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	35
3		Methoxvacetic acid, 2-ethylhexyl...	202	C11H22O3	1000282-41-4	27
4		3-Hexanone	100	C6H12O	000589-38-8	25
5		Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116351.D
Acq On : 17 Aug 2019 12:30
Operator : HP/JU
Sample : K4377-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-29

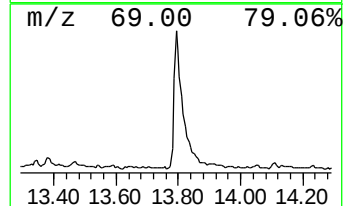
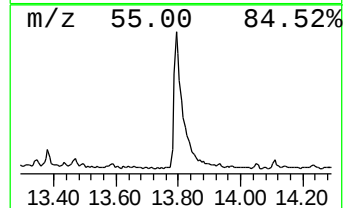
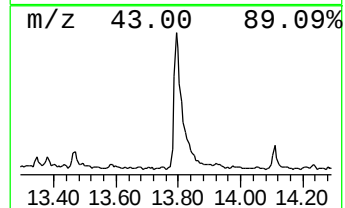
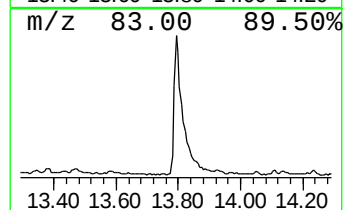
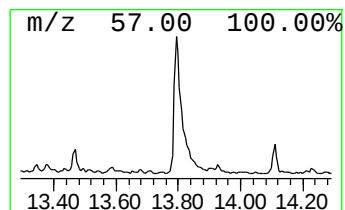
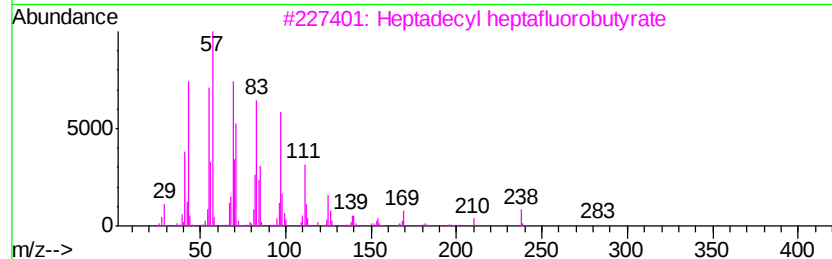
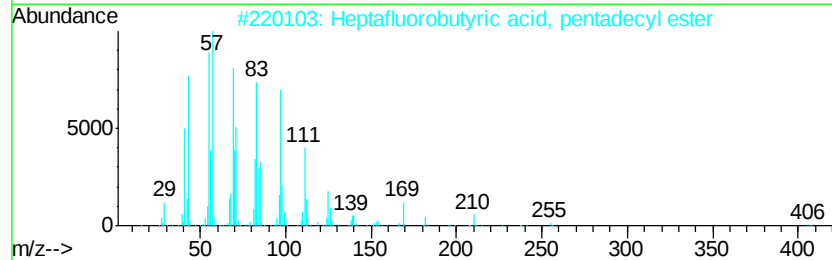
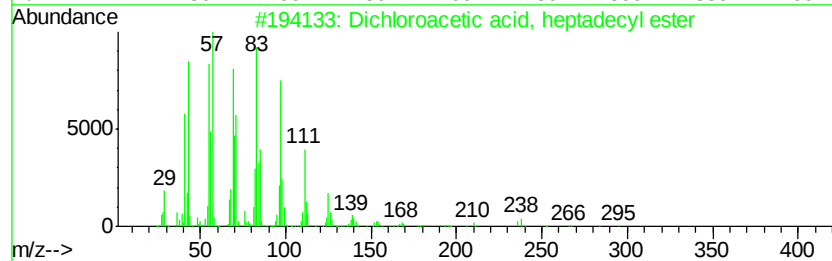
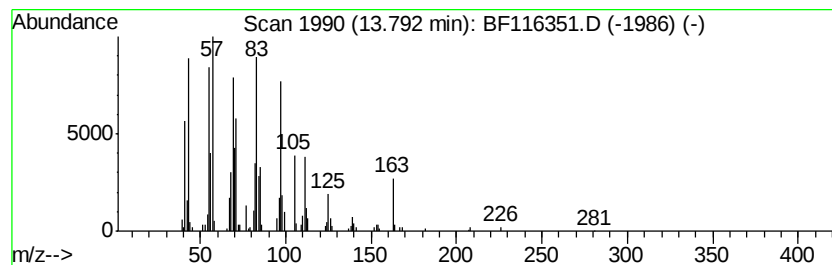
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dichloroacetic acid, heptad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	10.48 ng	546716	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3		Heptadecyl heptafluorobutyrat	452	C21H35F7O2	959085-66-6	94
4		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116351.D
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Operator : HP/JU
Sample : K4377-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-29

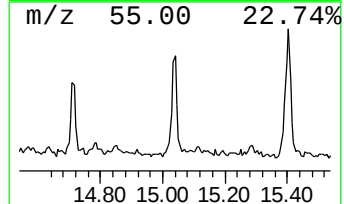
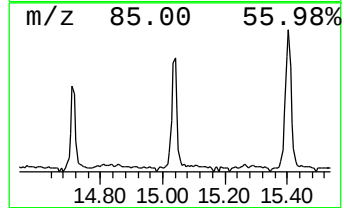
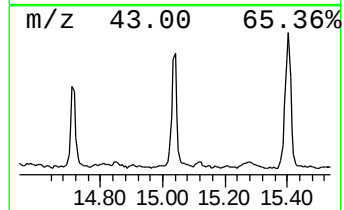
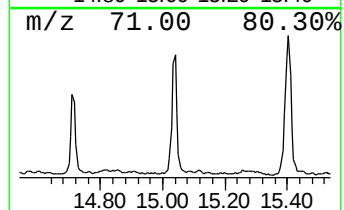
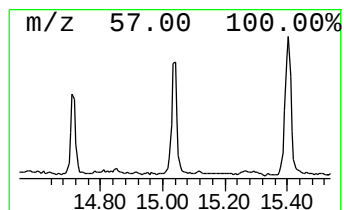
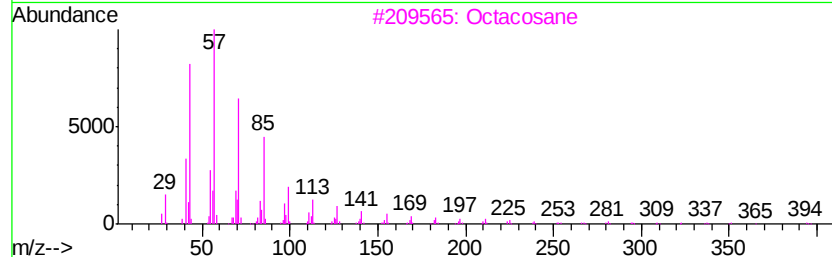
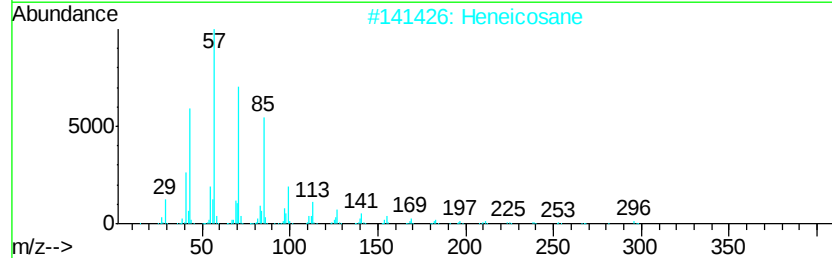
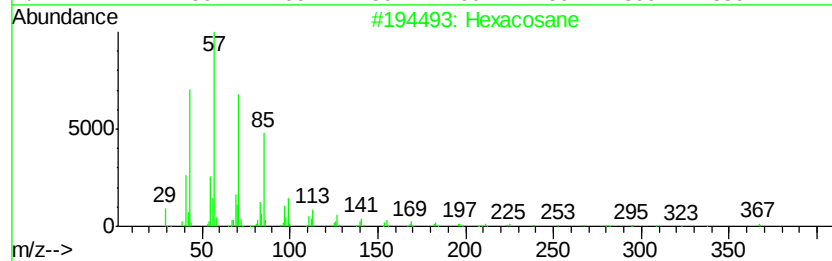
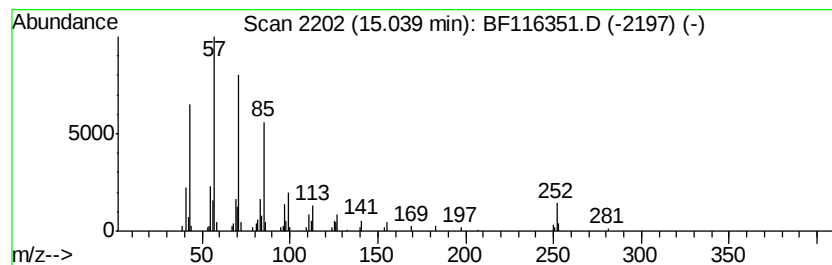
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	2.59 ng	134757	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	87
2		Heneicosane	296	C21H44	000629-94-7	87
3		Octacosane	394	C28H58	000630-02-4	86
4		Triacontane	422	C30H62	000638-68-6	86
5		Heptadecane	240	C17H36	000629-78-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116351.D
Acq On : 17 Aug 2019 12:30
Operator : HP/JU
Sample : K4377-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-29

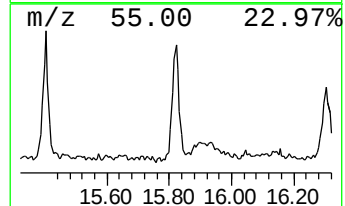
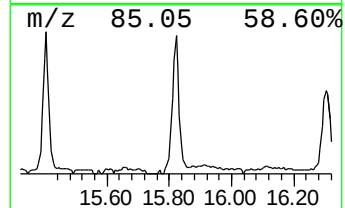
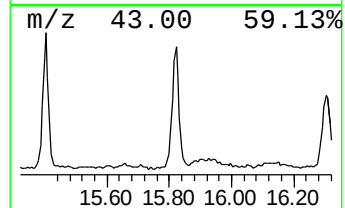
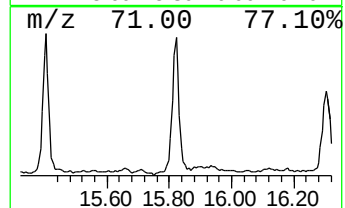
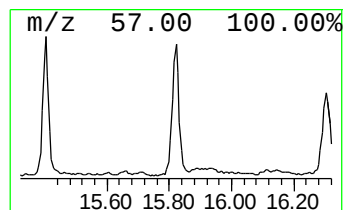
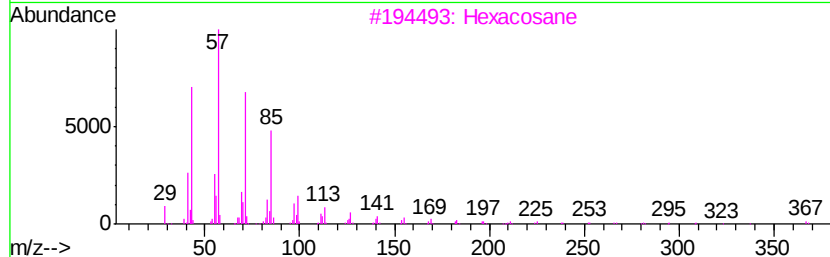
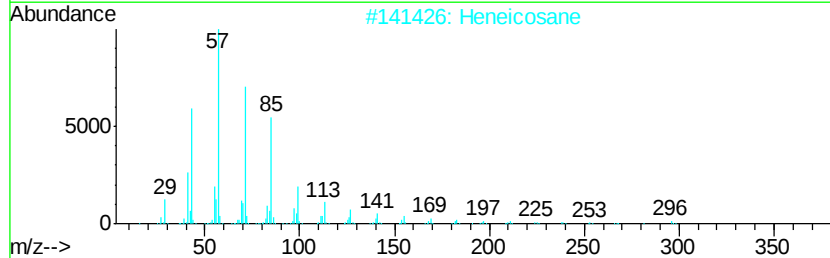
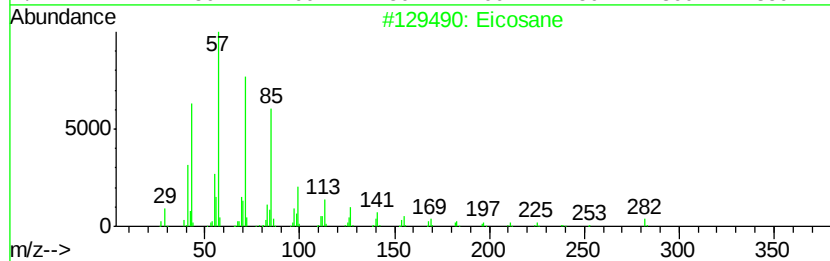
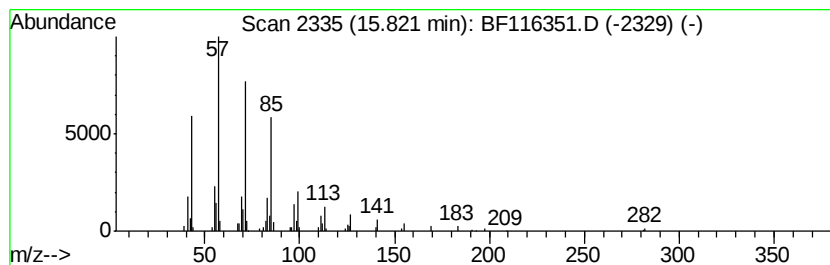
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	3.53 ng	183705	Perylene-d12	15.42

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116351.D
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Operator : HP/JU
Sample : K4377-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-29

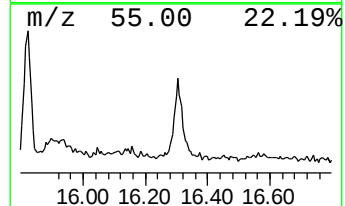
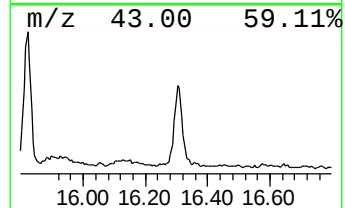
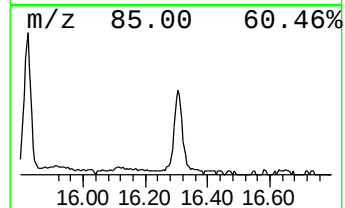
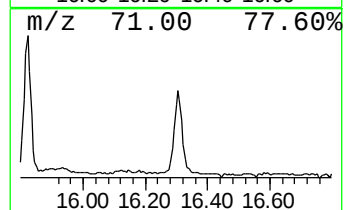
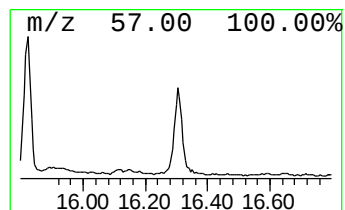
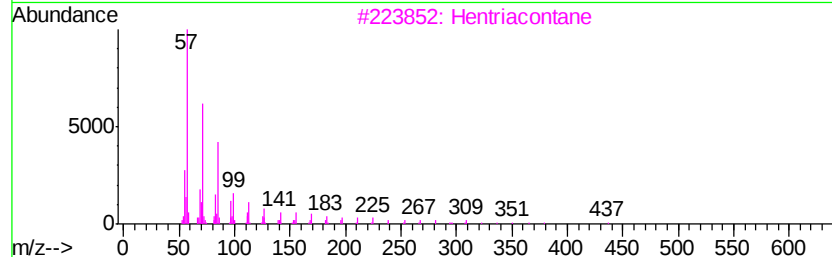
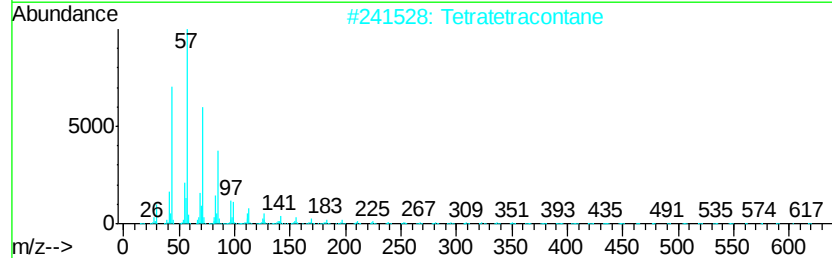
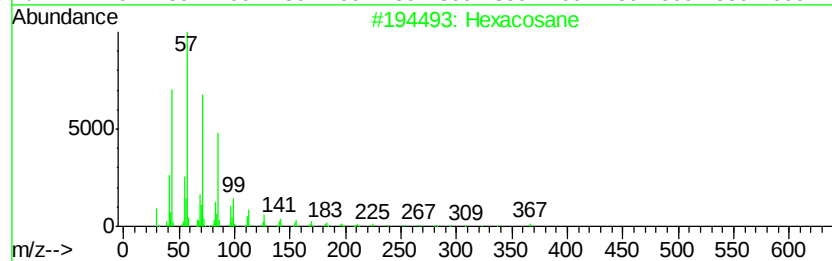
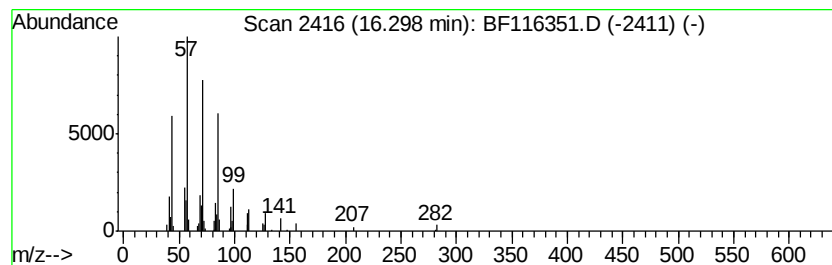
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetratetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	2.78 ng	144648	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Hentriacontane	437	C31H64	000630-04-6	91
4		Octacosane	394	C28H58	000630-02-4	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081719\
Data File : BF116351.D
Acq On : 17 Aug 2019 12:30
Operator : HP/JU
Sample : K4377-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown6.59	6.59	85.2	ng	3712030	1	6.81	871631	20.0
2,4,7,9-Tetrameth...	9.27	4.2	ng	276901	3	9.84	1316470	20.0
n-Hexadecanoic acid	11.85	2.2	ng	144670	4	11.33	1304350	20.0
n-Heptadecanol-1	12.36	9.2	ng	602915	4	11.33	1304350	20.0
Bis(2-ethylhexyl)...	12.56	2.1	ng	134365	4	11.33	1304350	20.0
Dichloroacetic ac...	13.79	10.5	ng	546716	5	13.97	1043670	20.0
Hexacosane	15.04	2.6	ng	134757	6	15.42	1041210	20.0
Eicosane	15.82	3.5	ng	183705	6	15.42	1041210	20.0
Tetratetracontane	16.30	2.8	ng	144648	6	15.42	1041210	20.0