

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052419\
 Data File : BF114580.D
 Acq On : 24 May 2019 20:05
 Operator : JU/SJ
 Sample : K2970-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

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
 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	5.028	498	500	509	rBV	45099	61027	1.27%	0.168%
2	5.446	568	571	593	rBV	1930669	2257348	46.98%	6.227%
3	6.463	740	744	762	rBV	1239999	1572913	32.73%	4.339%
4	6.587	762	765	782	rVB	3671106	3699172	76.98%	10.204%
5	6.810	800	803	811	rBV	1093407	932709	19.41%	2.573%
6	6.969	826	830	846	rBV	3415069	3092041	64.35%	8.529%
7	7.375	895	899	915	rBV	2828865	2853446	59.38%	7.871%
8	8.092	1017	1021	1035	rBV	1302272	1208486	25.15%	3.334%
9	9.169	1199	1204	1207	rBV	5181477	4703309	97.88%	12.974%
10	9.563	1267	1271	1274	rBV	206276	179149	3.73%	0.494%
11	9.763	1302	1305	1315	rBV	107780	139353	2.90%	0.384%
12	9.845	1315	1319	1327	rVB2	1449331	1342746	27.94%	3.704%
13	10.639	1450	1454	1464	rBV	3045790	3181524	66.21%	8.776%
14	11.333	1569	1572	1579	rBV	1619493	1472196	30.64%	4.061%
15	11.863	1658	1662	1672	rBV2	299112	386267	8.04%	1.066%
16	12.645	1791	1795	1802	rBV	172467	225376	4.69%	0.622%
17	12.922	1837	1842	1845	rBV	4913043	4805144	100.00%	13.255%
18	13.810	1990	1993	2001	rBV2	103699	137546	2.86%	0.379%
19	13.980	2018	2022	2031	rBV	1390518	1301956	27.10%	3.591%
20	14.121	2043	2046	2049	rBV	76003	64960	1.35%	0.179%
21	14.427	2095	2098	2101	rVB	156091	132694	2.76%	0.366%
22	14.727	2146	2149	2153	rVB	208552	198446	4.13%	0.547%
23	15.057	2201	2205	2209	rBV	231378	256581	5.34%	0.708%
24	15.445	2264	2271	2279	rVB2	902602	1441366	30.00%	3.976%
25	15.851	2335	2340	2347	rVB	212942	308329	6.42%	0.851%
26	16.339	2418	2423	2428	rBV	121161	218197	4.54%	0.602%
27	16.915	2518	2521	2529	rVB3	46014	78938	1.64%	0.218%

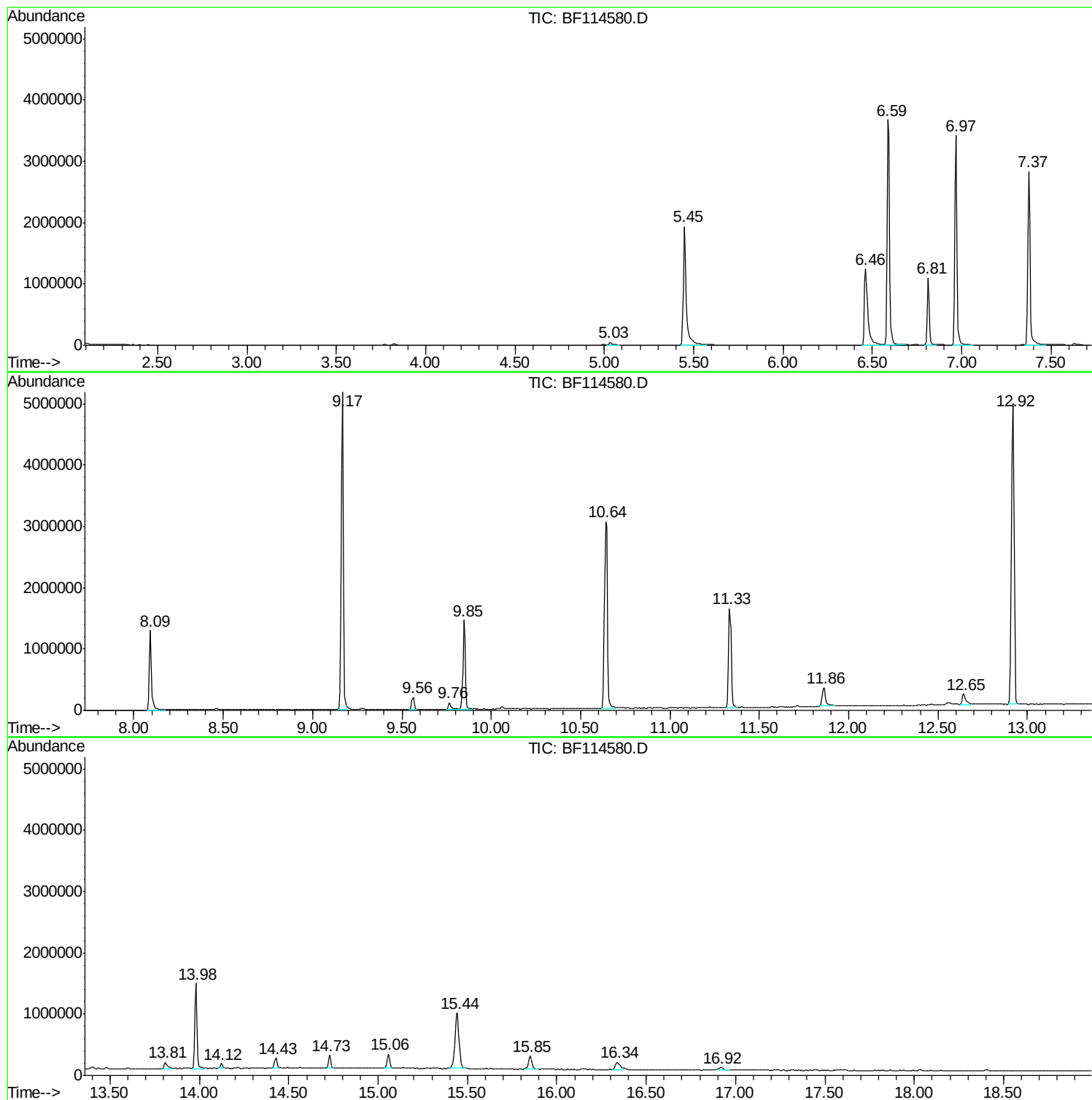
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ClientSampled :
TP-10

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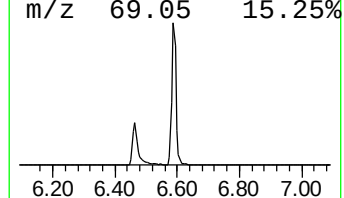
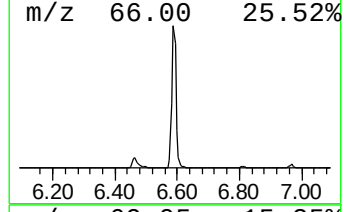
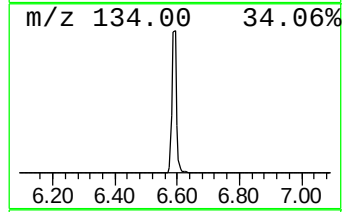
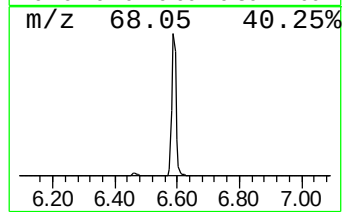
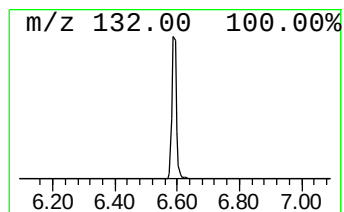
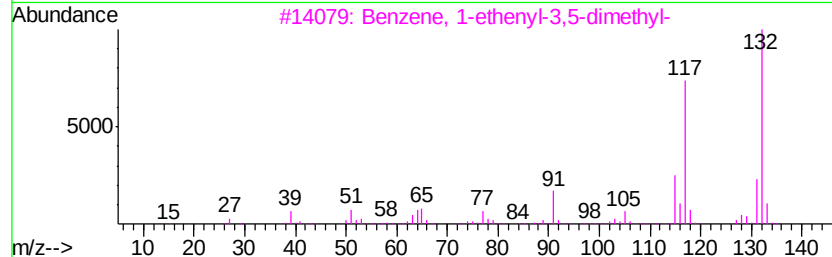
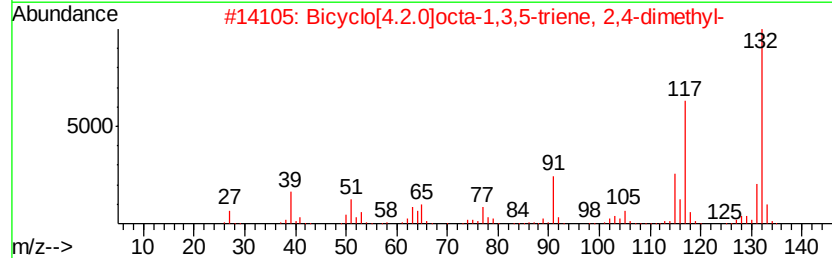
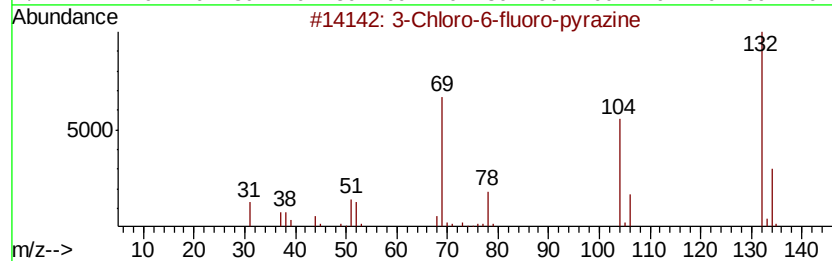
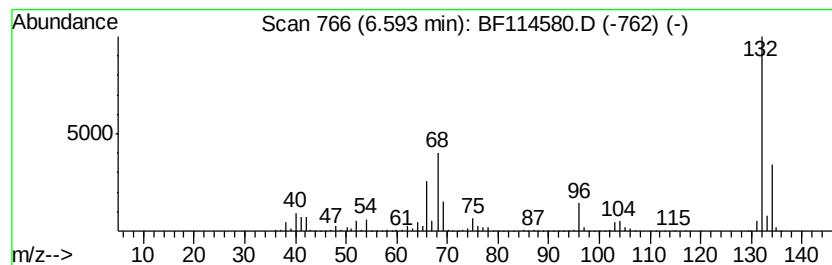
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	79.32 ng	3699170	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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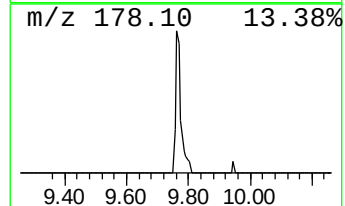
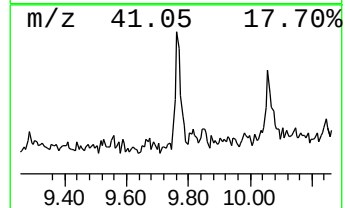
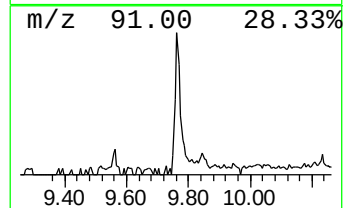
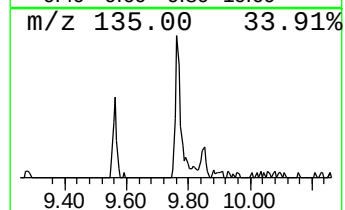
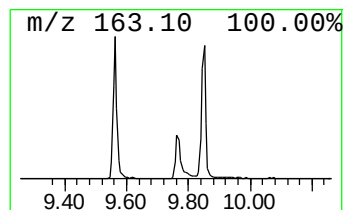
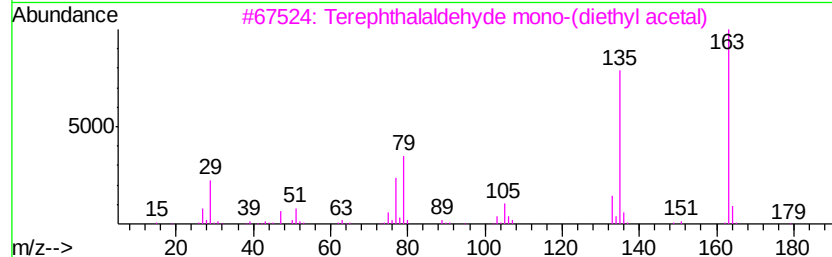
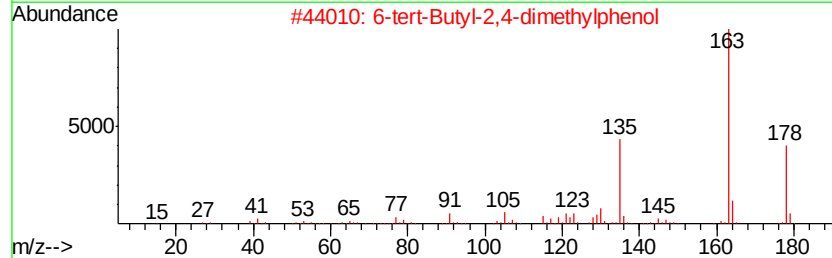
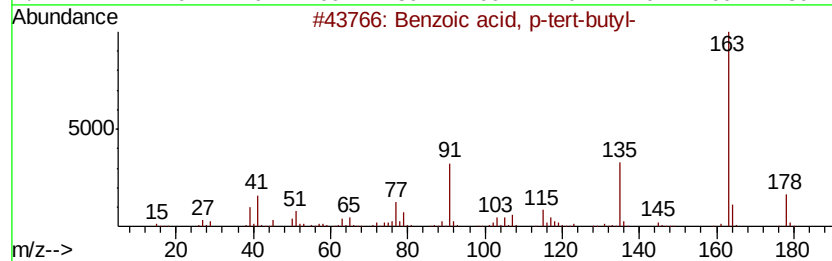
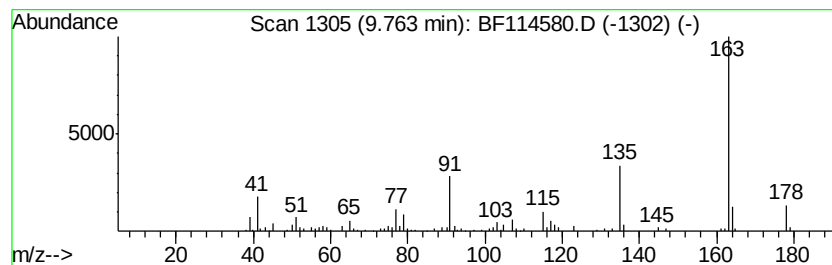
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Peak Number 3 Benzoic acid, p-tert-butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	2.08 ng	139353	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	96
2		6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	64
3		Terephthalaldehyde mono-(diethyl...	208	C12H16O3	081172-89-6	59
4		5-Fluoro-8-quinolinol	163	C9H6FNO	000387-97-3	59
5		1,3,4-Trimethyladamantane	178	C13H22	1000214-98-3	52



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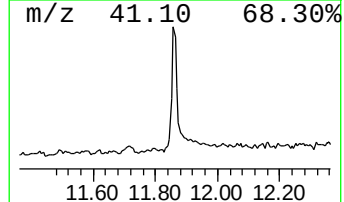
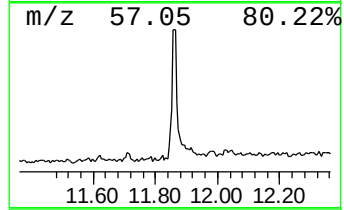
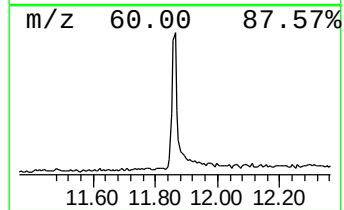
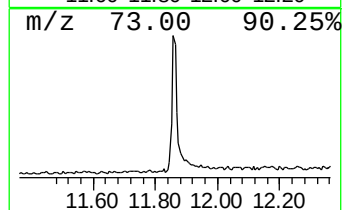
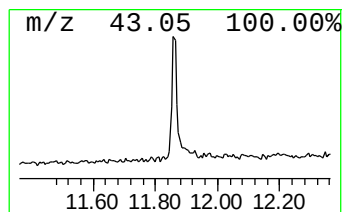
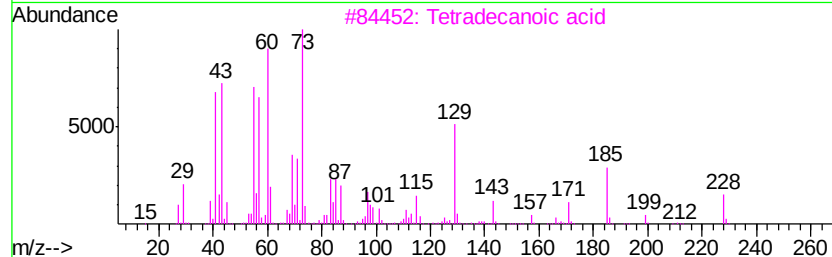
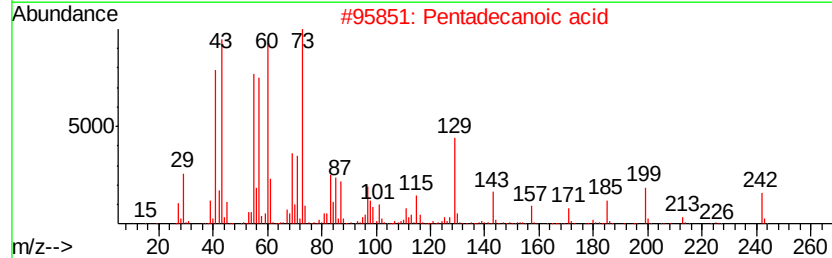
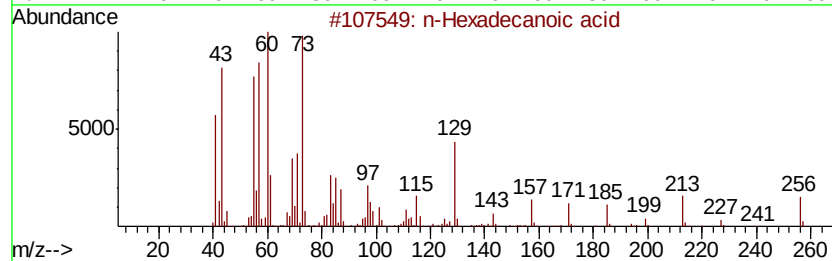
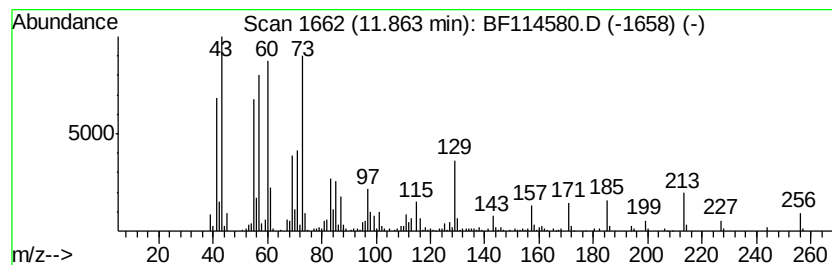
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.86	5.25 ng	386267	Phenanthrene-d10		11.33
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Undecanoic acid	186	C11H22O2	000112-37-8	68
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64



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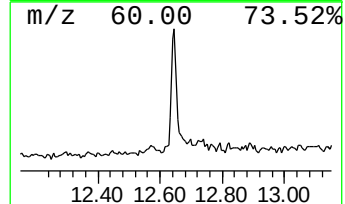
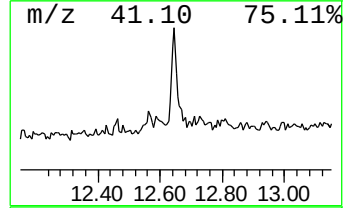
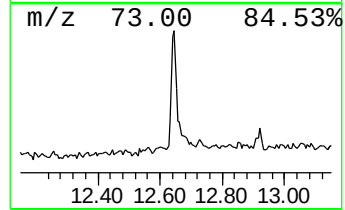
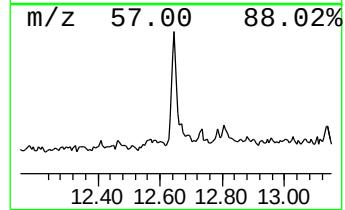
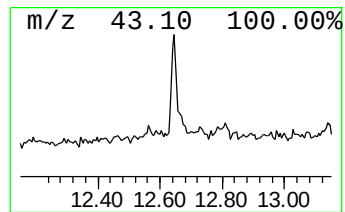
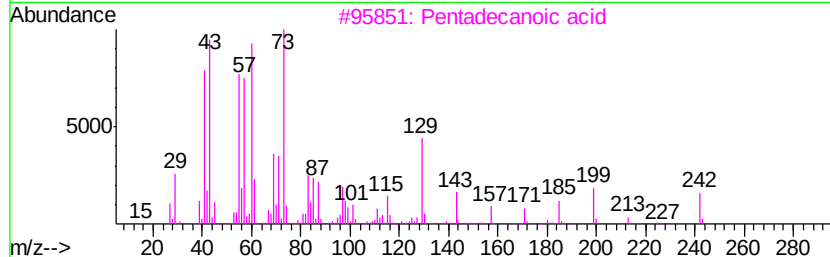
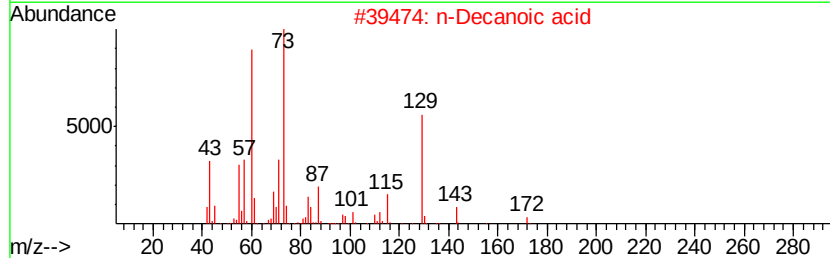
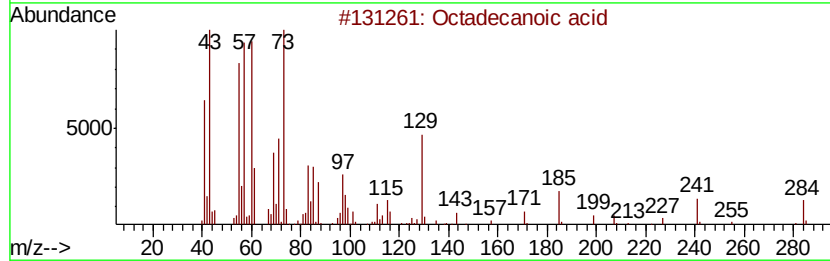
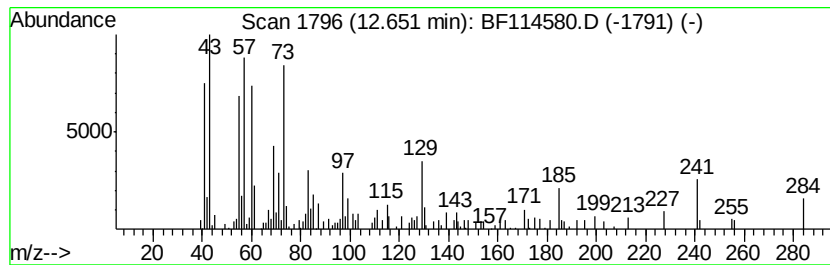
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	3.06 ng	225376	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	78
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	68



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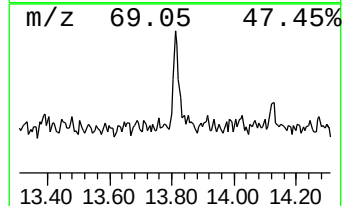
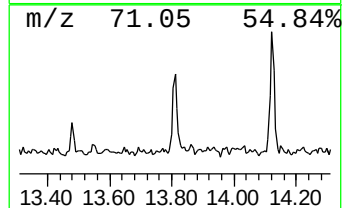
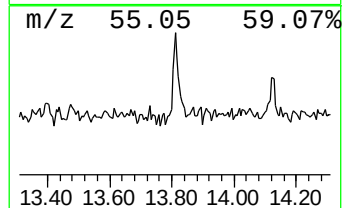
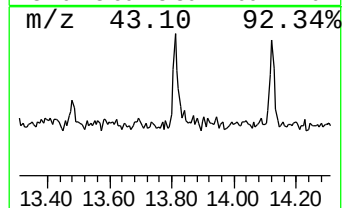
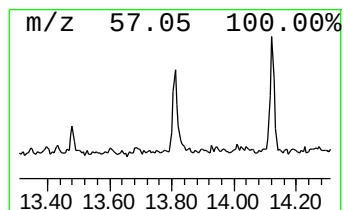
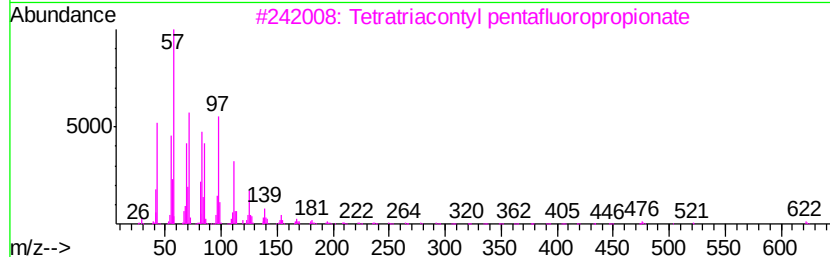
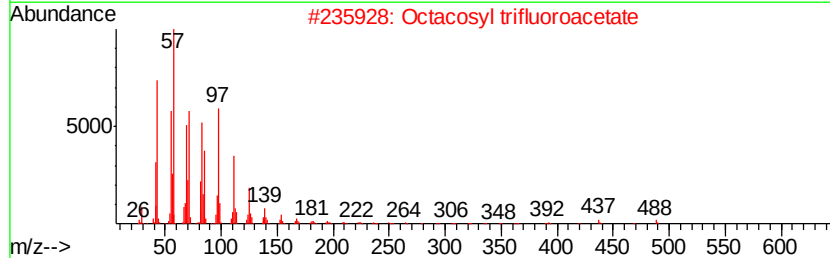
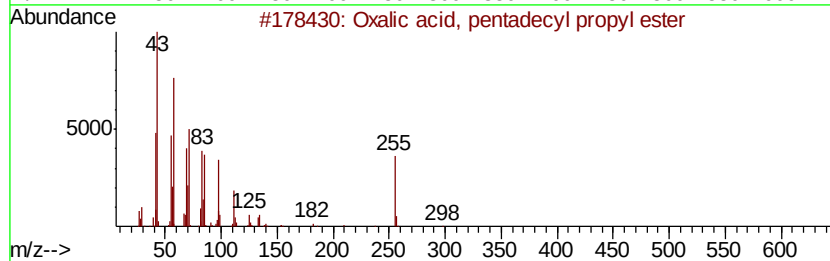
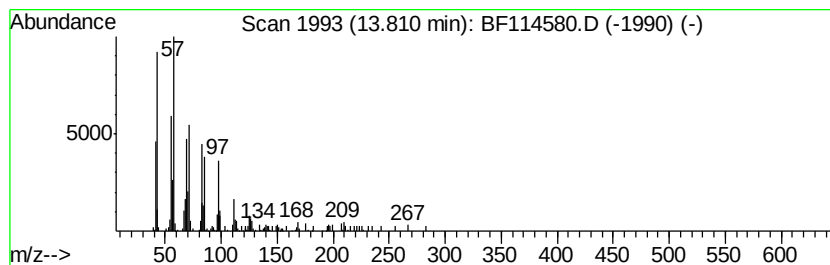
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Oxalic acid, pentadecyl pro... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.81	2.11 ng	137546	Chrysene-d12	13.98		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxalic acid, pentadecyl propyl e...	342	C20H38O4	1000309-26-8	91
2		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
3		Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	91
4		Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	91
5		Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	91



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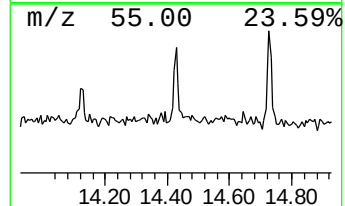
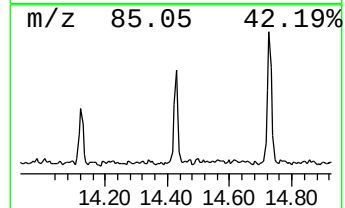
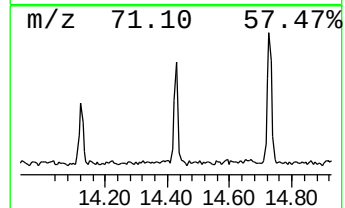
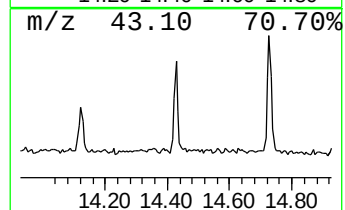
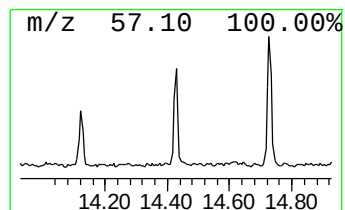
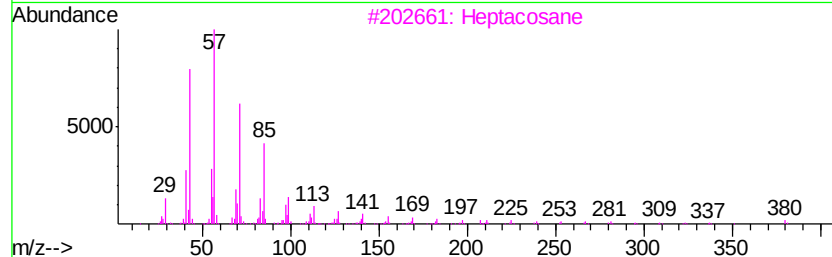
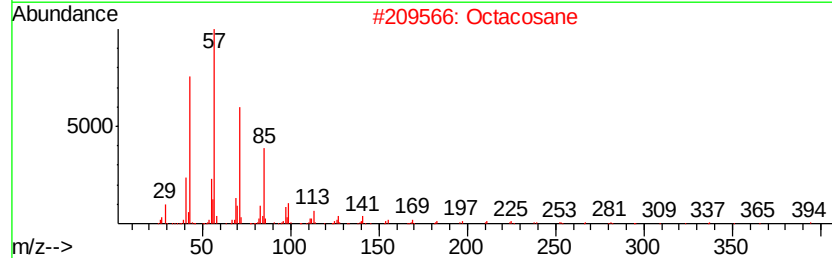
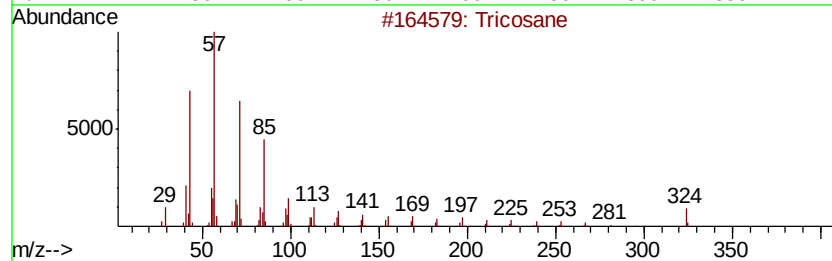
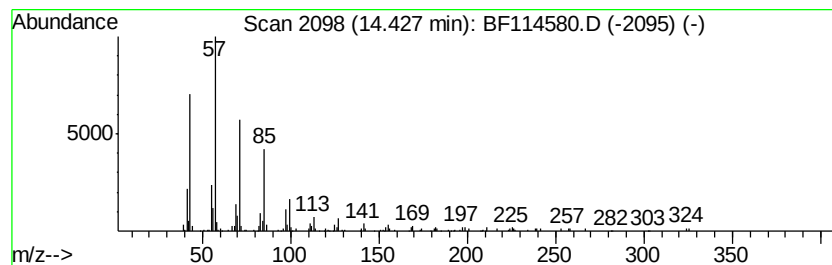
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tricosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.04 ng	132694	Chrysene-d12	13.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	91
2		Octacosane	394	C28H58	000630-02-4	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	87
5		Docosane, 7-hexyl-	394	C28H58	055373-86-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114580.D
Acq On : 24 May 2019 20:05
Operator : JU/SJ
Sample : K2970-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-10

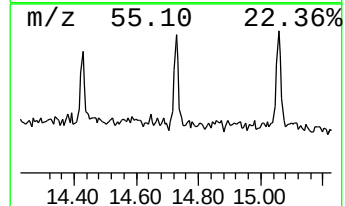
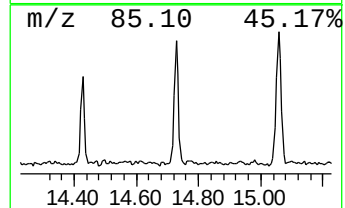
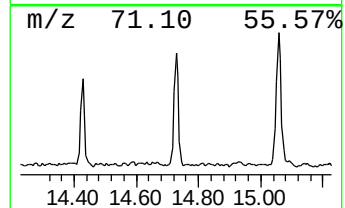
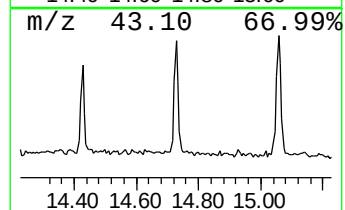
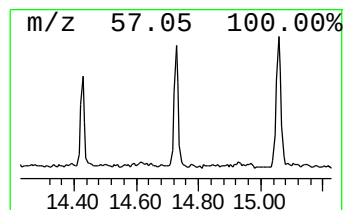
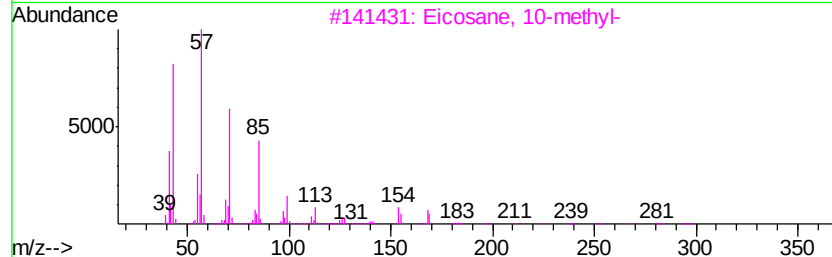
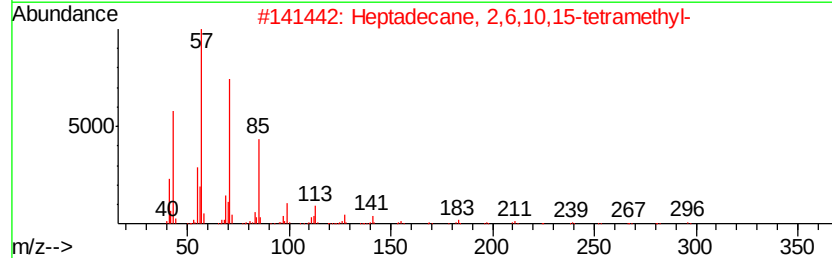
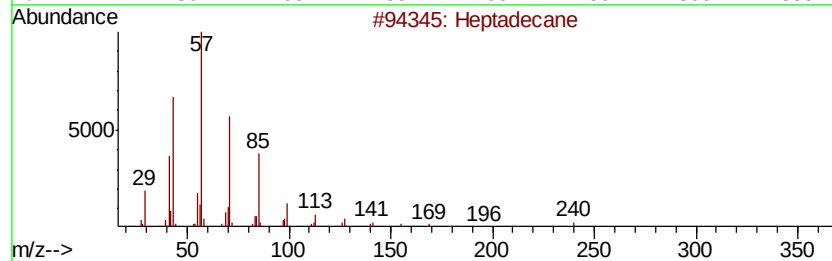
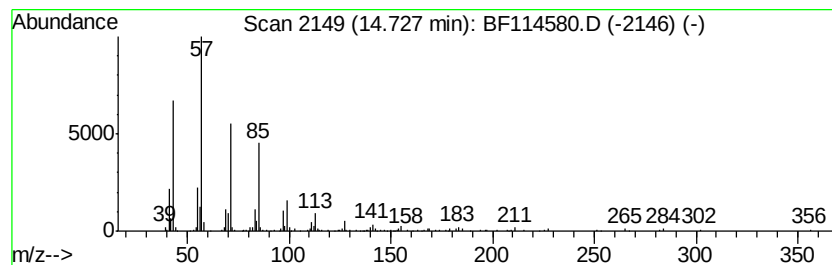
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.75 ng	198446	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	86
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
4		Pentadecane	212	C15H32	000629-62-9	80
5		Hexatriacontane	507	C36H74	000630-06-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114580.D
Acq On : 24 May 2019 20:05
Operator : JU/SJ
Sample : K2970-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-10

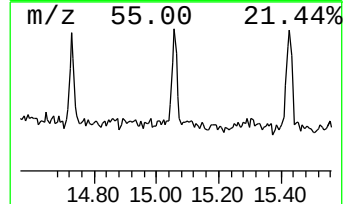
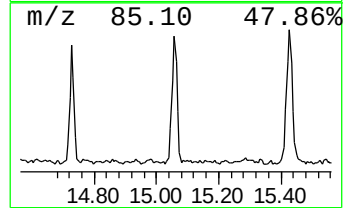
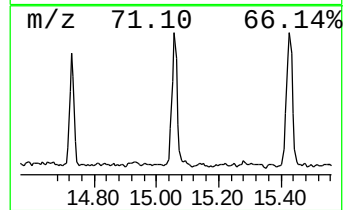
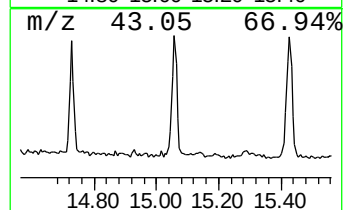
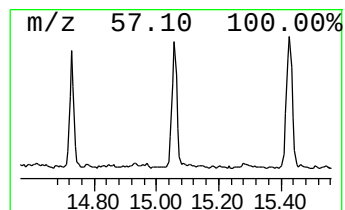
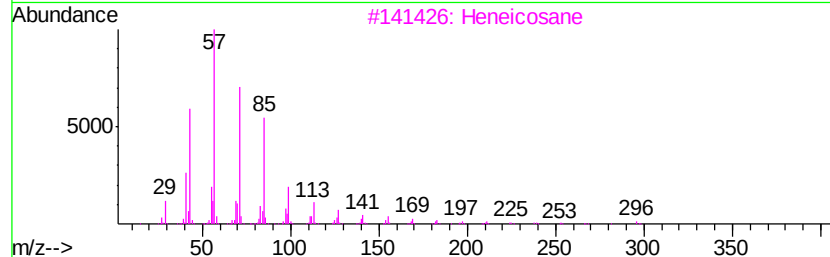
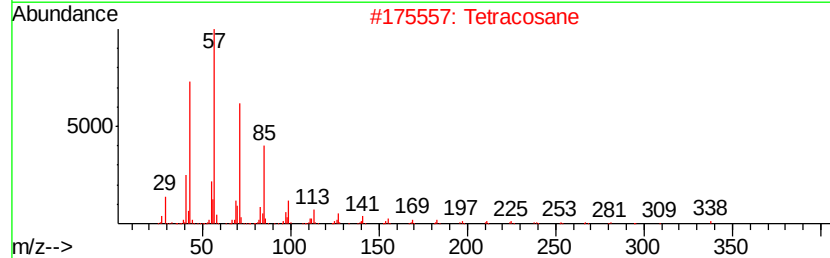
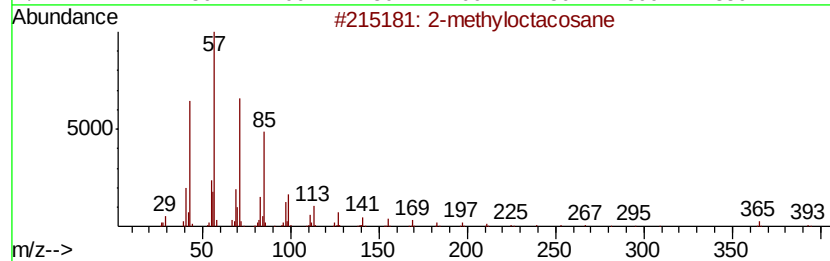
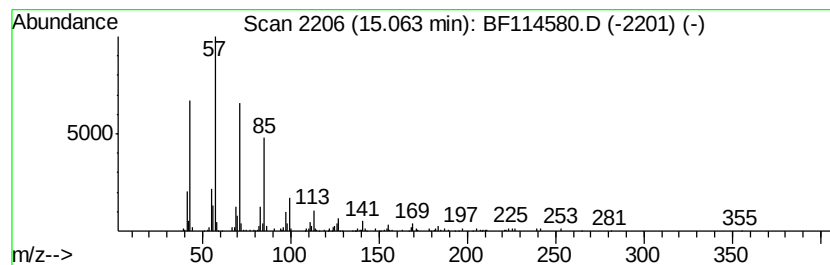
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	3.56 ng	256581	Perylene-d12	15.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heneicosane	296	C21H44	000629-94-7	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\BF052419\
Data File : BF114580.D
Acq On : 24 May 2019 20:05
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Sample : K2970-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-10

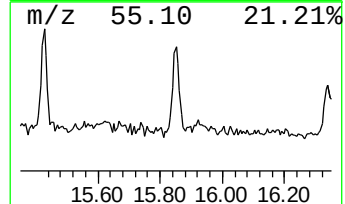
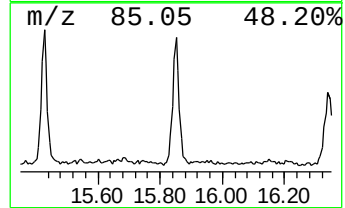
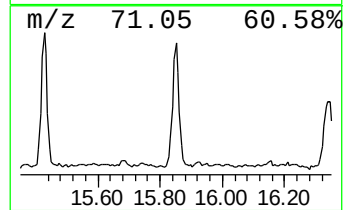
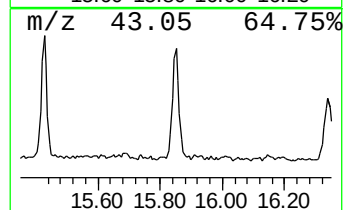
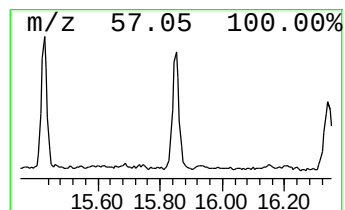
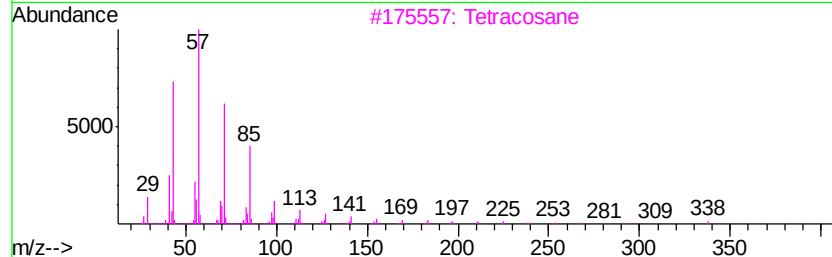
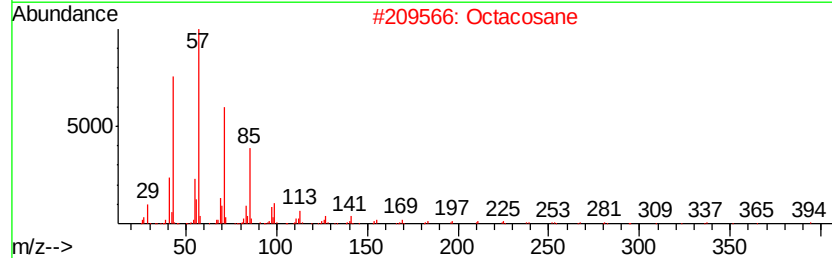
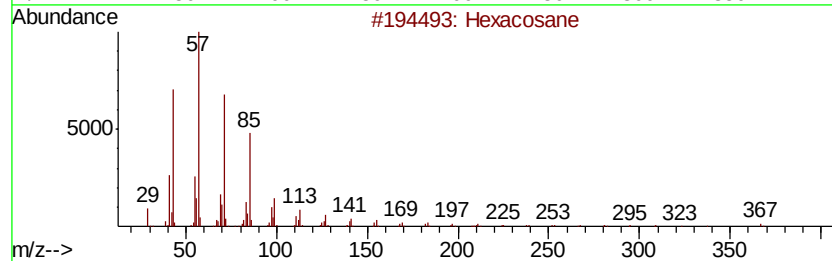
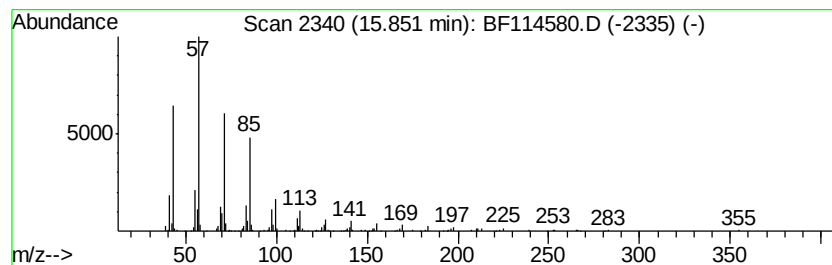
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	4.28 ng	308329	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Tetracosane	338	C24H50	000646-31-1	90
4		triacontane	422	C30H62	000638-68-6	90
5		2-methylhexacosane	380	C27H56	1000376-72-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114580.D
Acq On : 24 May 2019 20:05
Operator : JU/SJ
Sample : K2970-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-10

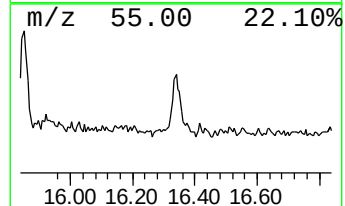
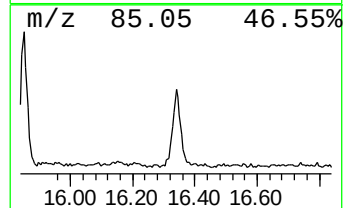
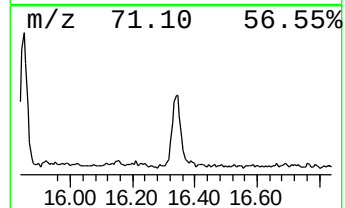
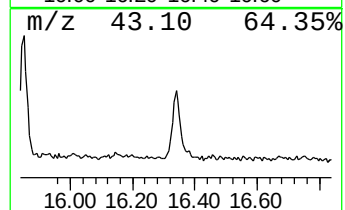
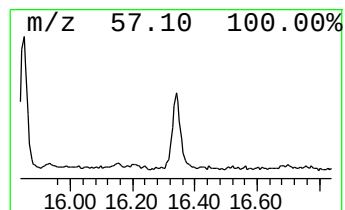
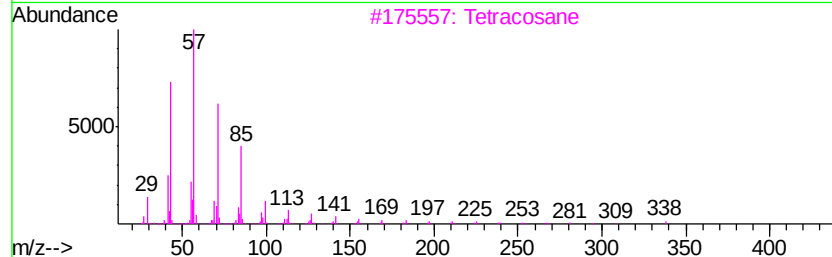
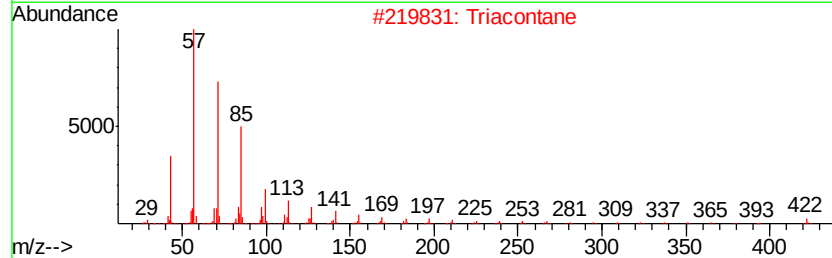
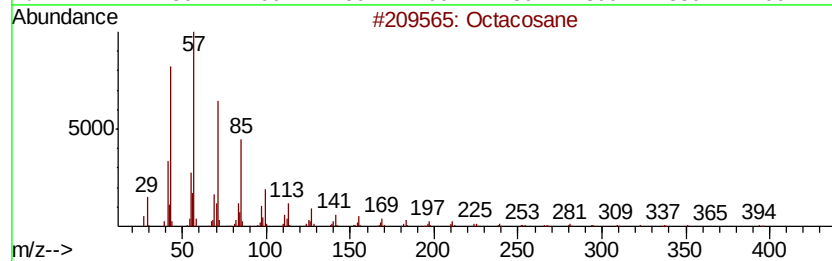
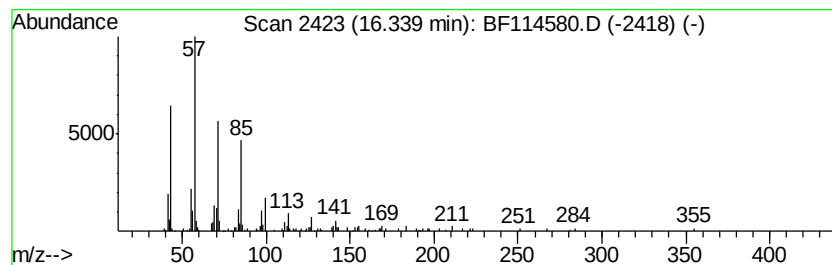
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	3.03 ng	218197	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Triacontane	422	C30H62	000638-68-6	87
3		Tetracosane	338	C24H50	000646-31-1	87
4		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86
5		Eicosane, 2-methyl-	296	C21H44	001560-84-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052419\
Data File : BF114580.D
Acq On : 24 May 2019 20:05
Operator : JU/SJ
Sample : K2970-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-10

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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Benzoic acid, p-t...	9.76	2.1	ng	139353	3	9.85	1342750	20.0
n-Hexadecanoic acid	11.86	5.3	ng	386267	4	11.33	1472200	20.0
Octadecanoic acid	12.65	3.1	ng	225376	4	11.33	1472200	20.0
Oxalic acid, pent...	13.81	2.1	ng	137546	5	13.98	1301960	20.0
Tricosane	14.43	2.0	ng	132694	5	13.98	1301960	20.0
Heptadecane	14.73	2.8	ng	198446	6	15.44	1441370	20.0
2-methyloctacosane	15.06	3.6	ng	256581	6	15.44	1441370	20.0
Hexacosane	15.85	4.3	ng	308329	6	15.44	1441370	20.0
Octacosane	16.34	3.0	ng	218197	6	15.44	1441370	20.0