

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
 Data File : BF130435.D
 Acq On : 27 Sep 2022 20:57
 Operator : CG\JU
 Sample : N4764-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 355

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-BF091422.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130435.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.822	461	465	477	rVB	167750	209457	11.49%	1.494%
2	5.251	534	538	550	rBV	1808778	1754075	96.25%	12.510%
3	6.286	710	714	738	rBV	1607255	1690169	92.75%	12.054%
4	6.645	771	775	778	rBV	618768	507673	27.86%	3.621%
5	7.210	866	871	874	rBV	1307269	1057133	58.01%	7.539%
6	7.928	989	993	996	rBV	676080	580554	31.86%	4.140%
7	9.004	1171	1176	1179	rBV	2071621	1794927	98.49%	12.801%
8	9.674	1286	1290	1293	rBV	694438	542546	29.77%	3.869%
9	10.463	1420	1424	1427	rBV	1091074	1002340	55.00%	7.148%
10	11.151	1538	1541	1544	rBV	581650	506721	27.81%	3.614%
11	11.174	1544	1545	1548	rVB	35120	22190	1.22%	0.158%
12	11.498	1595	1600	1605	rBV	20754	22947	1.26%	0.164%
13	11.692	1628	1633	1637	rBV3	53394	55438	3.04%	0.395%
14	11.774	1642	1647	1650	rBV3	55359	53582	2.94%	0.382%
15	11.939	1673	1675	1678	rBV2	23081	20547	1.13%	0.147%
16	12.280	1728	1733	1738	rVB3	65979	91046	5.00%	0.649%
17	12.363	1744	1747	1750	rVB	82254	71951	3.95%	0.513%
18	12.463	1760	1764	1768	rBV	77302	80731	4.43%	0.576%
19	12.504	1768	1771	1775	rVB2	27012	27921	1.53%	0.199%
20	12.586	1780	1785	1789	rBV	83701	81288	4.46%	0.580%
21	12.627	1789	1792	1798	rVB4	23307	23035	1.26%	0.164%
22	12.680	1798	1801	1803	rVB	37363	30817	1.69%	0.220%
23	12.739	1807	1811	1817	rVB	2129005	1822365	100.00%	12.997%
24	12.921	1839	1842	1845	rVB2	49910	47166	2.59%	0.336%
25	12.957	1845	1848	1851	rBV	63047	54399	2.99%	0.388%
26	13.110	1871	1874	1877	rVB	48731	38837	2.13%	0.277%
27	13.145	1877	1880	1881	rBV3	30023	27623	1.52%	0.197%
28	13.162	1881	1883	1887	rVB	28964	22472	1.23%	0.160%
29	13.321	1905	1910	1917	rBV2	54498	79667	4.37%	0.568%
30	13.427	1925	1928	1932	rBV3	18238	22911	1.26%	0.163%
31	13.533	1943	1946	1949	rVB4	25578	22682	1.24%	0.162%
32	13.780	1984	1988	1991	rBV	692589	672648	36.91%	4.797%
33	13.810	1991	1993	1999	rVB	59441	62678	3.44%	0.447%
34	13.886	2001	2006	2009	rBV	97162	117686	6.46%	0.839%
35	14.262	2067	2070	2073	rBV5	17818	22053	1.21%	0.157%
36	14.780	2156	2158	2165	rVB	59047	93159	5.11%	0.664%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.056	2203	2205	2209	rVB	35895	34191	1.88%	0.244%
38	15.109	2211	2214	2219	rVB	41290	48404	2.66%	0.345%
39	15.174	2220	2225	2229	rBV	523241	605796	33.24%	4.320%

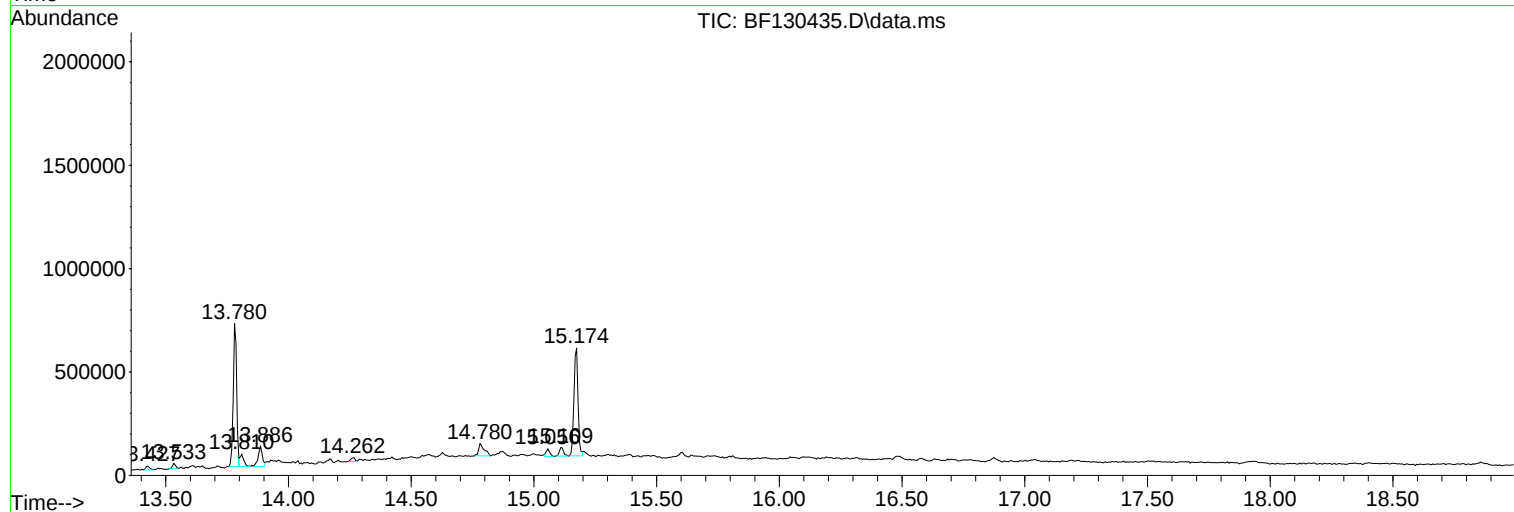
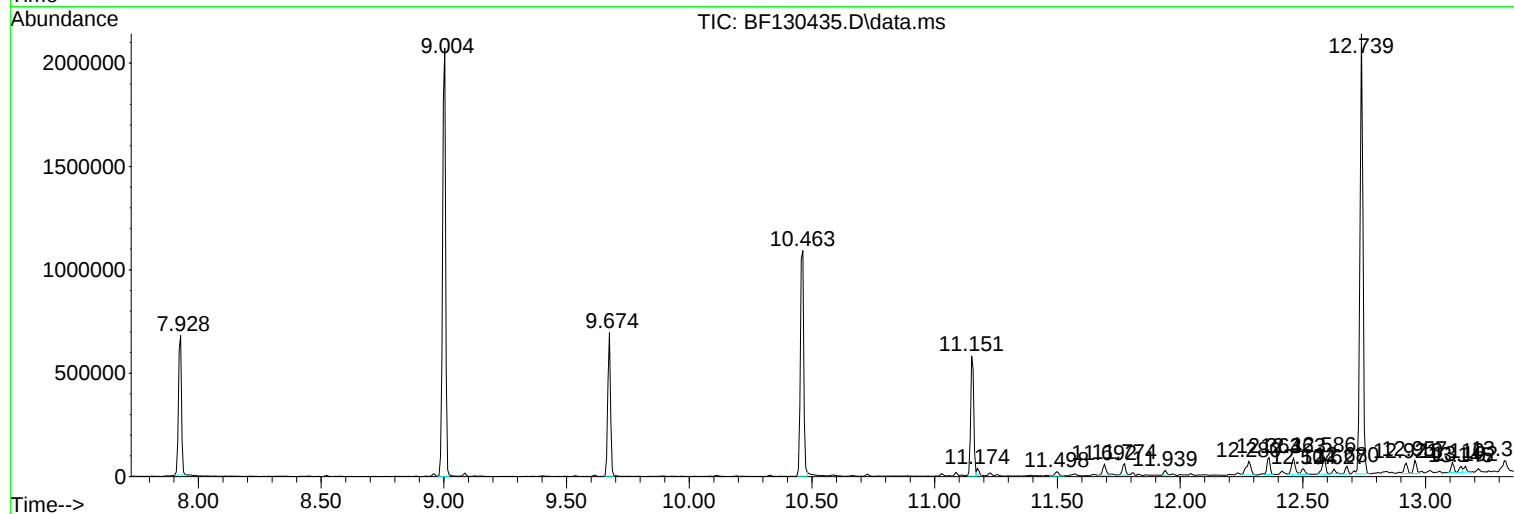
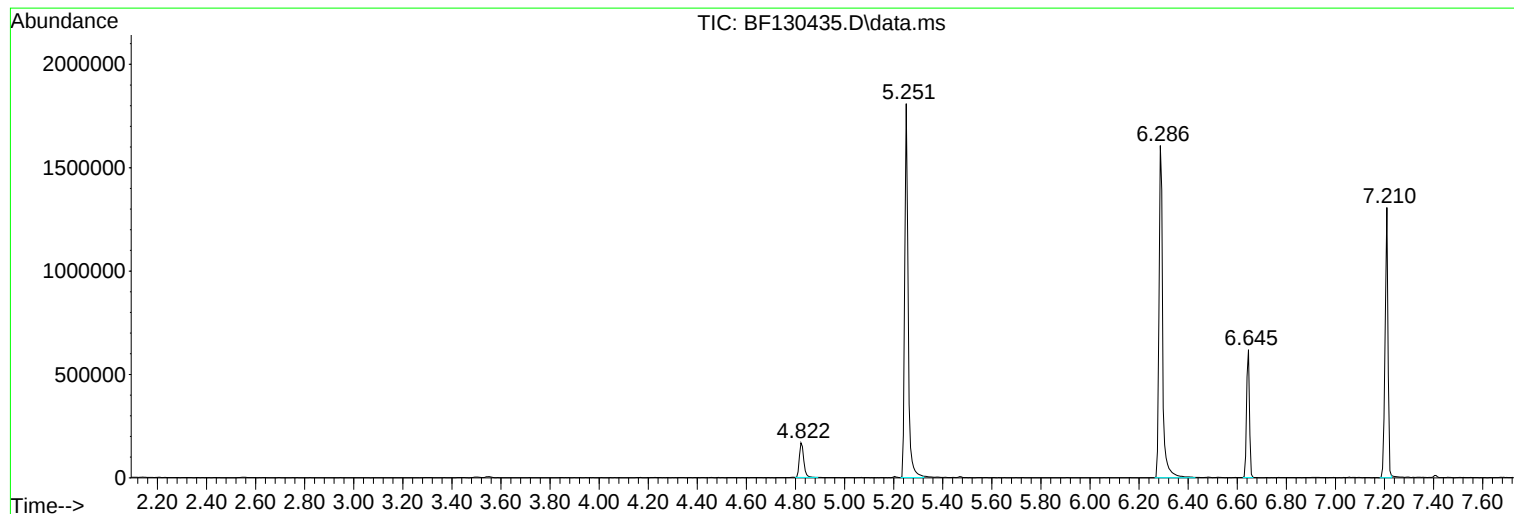
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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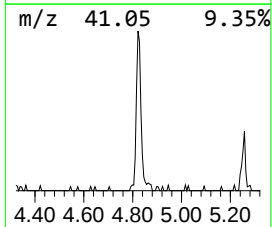
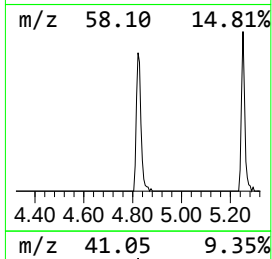
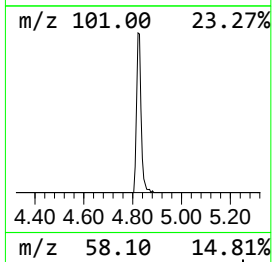
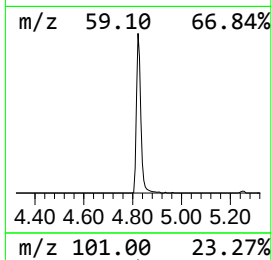
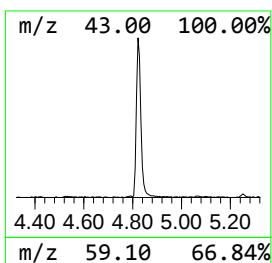
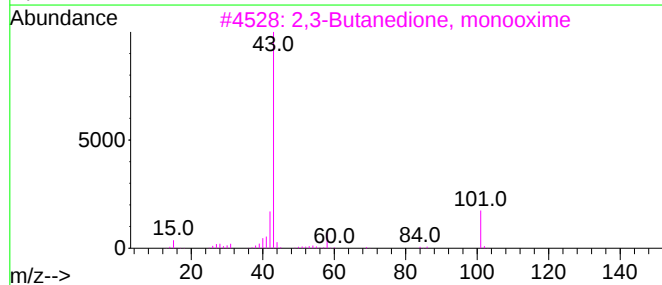
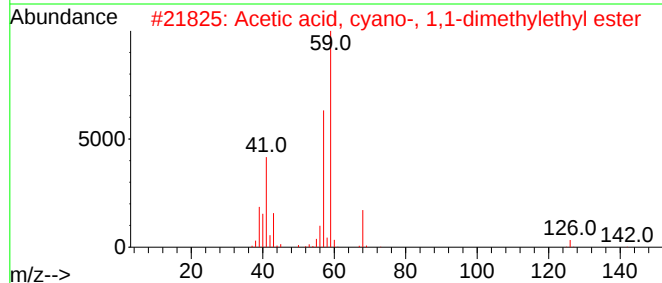
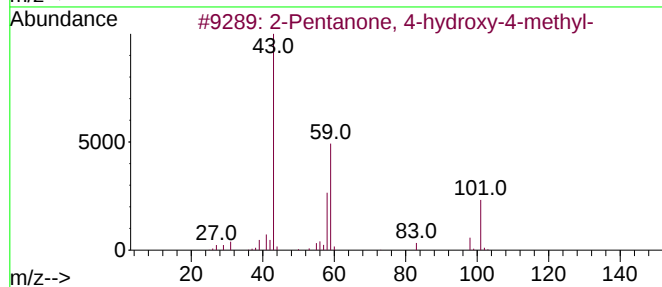
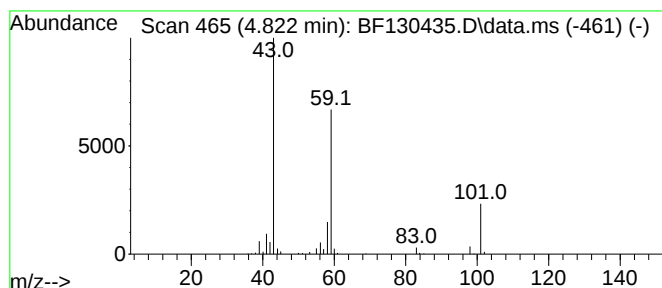
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.822	8.25 ng	209457	1,4-Dichlorobenzene-d4	6.645

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17		
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9		
5	Butanamide, 2-hydroxy-2,N-dimethyl-	117	C5H11NO2	039961-72-3	9		



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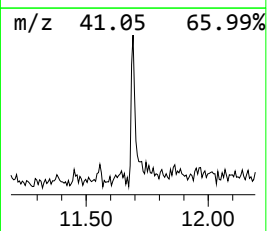
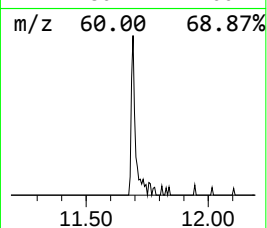
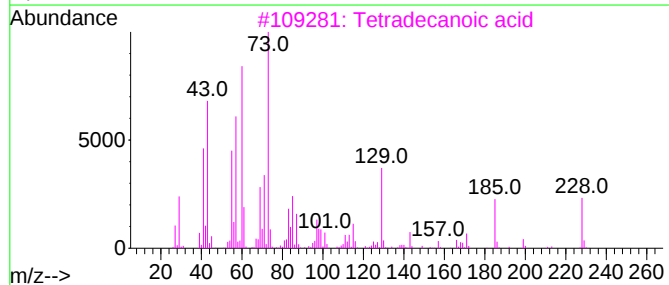
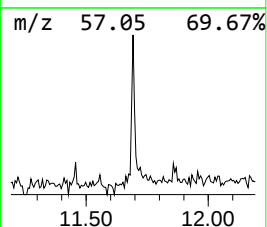
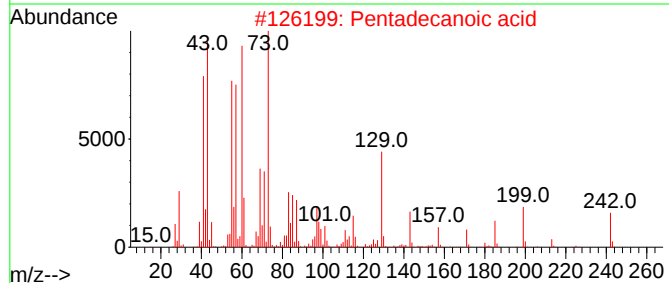
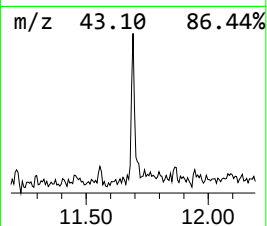
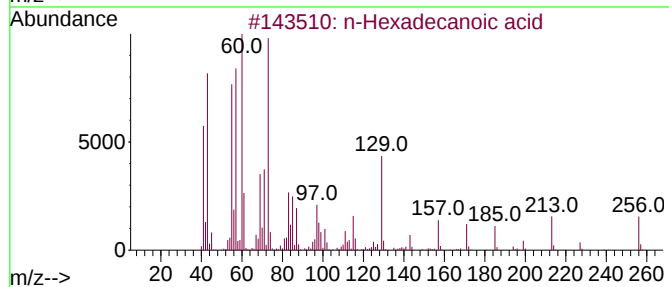
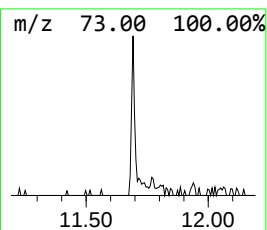
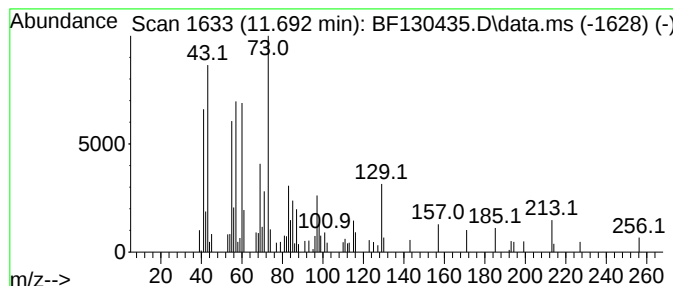
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.692	2.19 ng	55438	Phenanthrene-d10	11.151

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	74
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4			Tridecanoic acid	214	C13H26O2	000638-53-9	64
5			Dodecanoic acid	200	C12H24O2	000143-07-7	53



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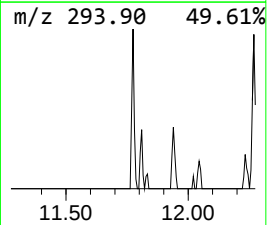
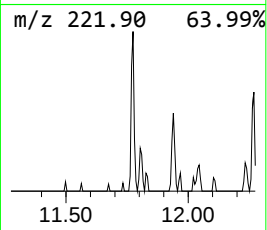
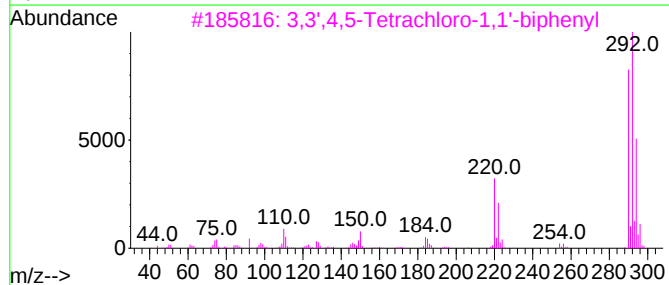
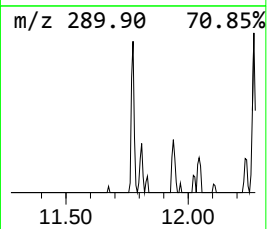
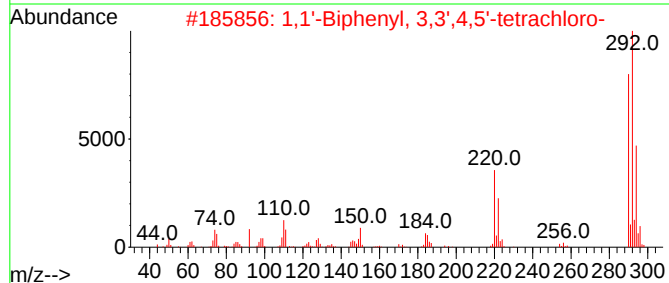
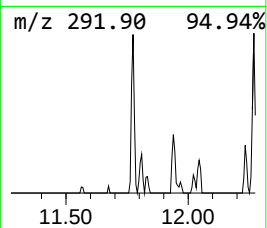
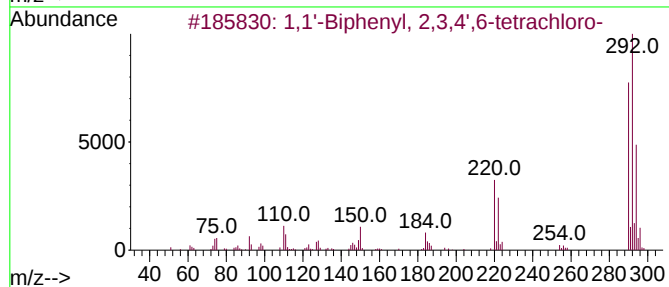
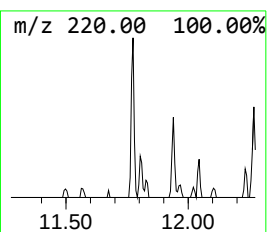
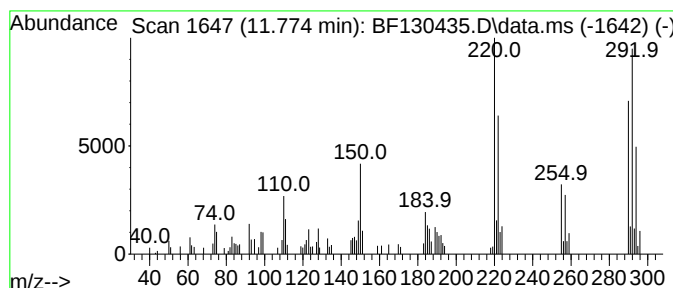
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.774	2.11 ng	53582	Phenanthrene-d10	11.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99		
2	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99		
3	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99		
4	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	98		
5	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	97		



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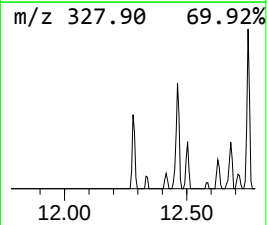
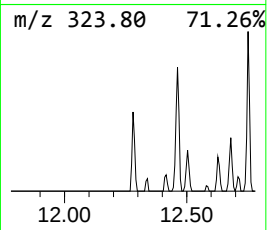
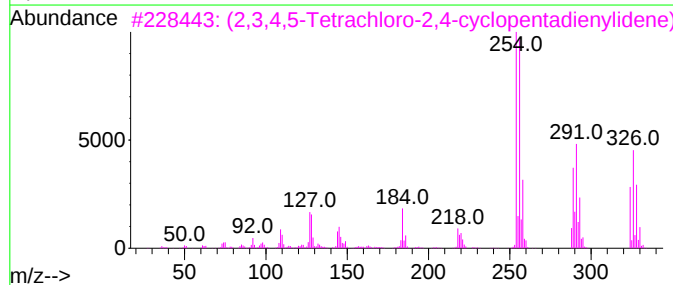
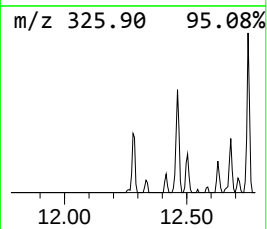
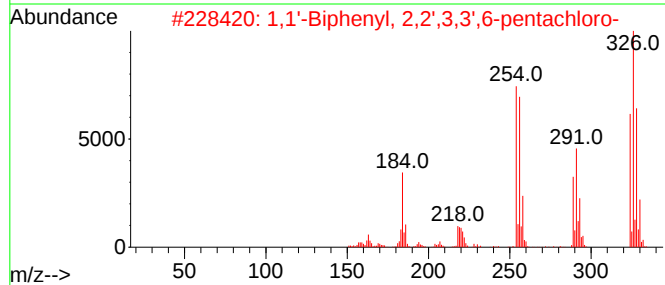
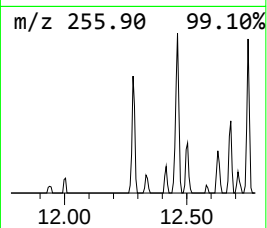
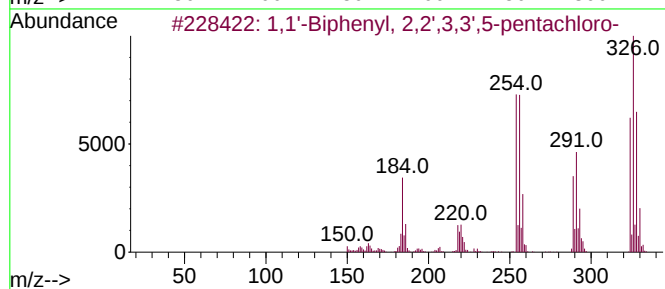
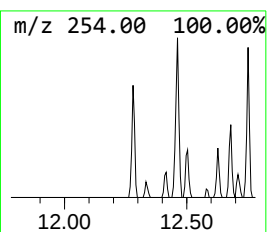
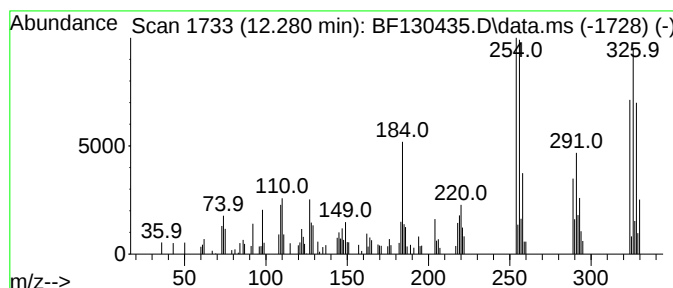
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1,1'-Biphenyl, 2,2',3,3',5-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.280	3.59 ng	91046	Phenanthrene-d10	11.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99		
2	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99		
3	(2,3,4,5-Tetrachloro-2,4-cyclope...	324	C12H5Cl5	029887-33-0	99		
4	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	98		
5	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	98		



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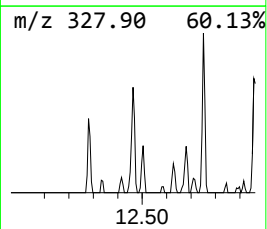
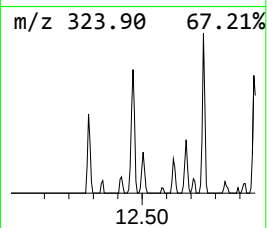
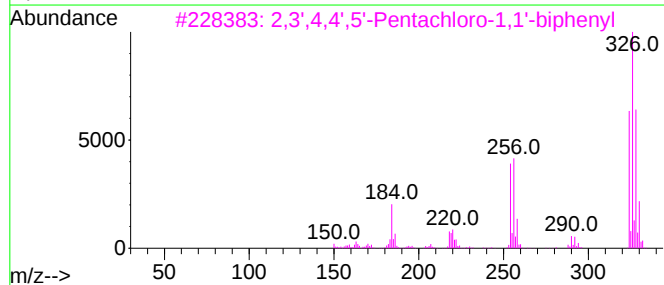
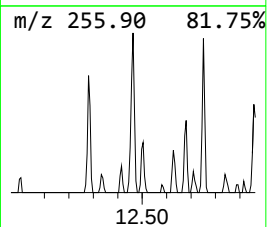
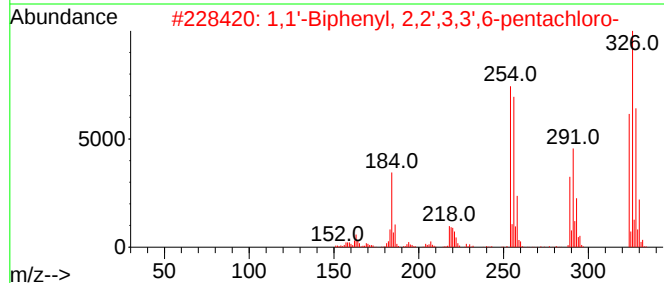
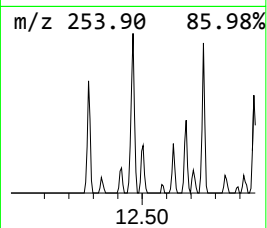
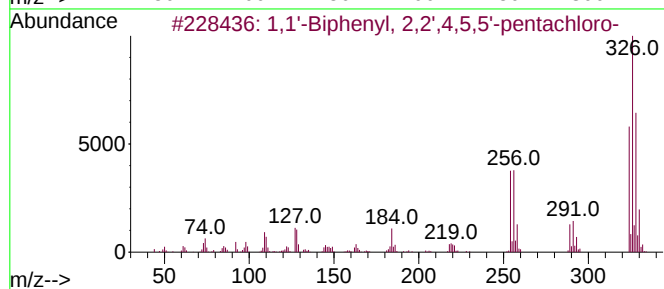
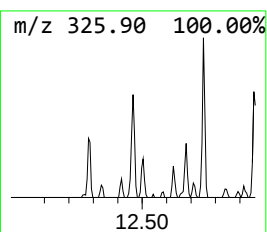
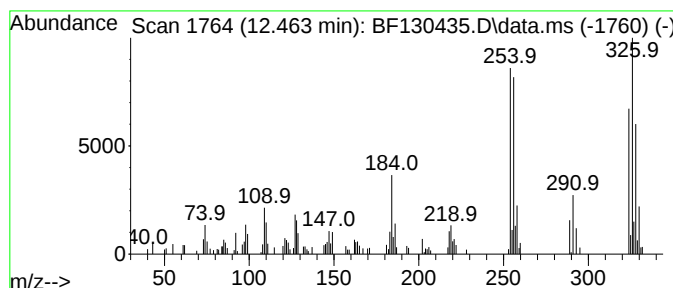
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1,1'-Biphenyl, 2,2',4,5,5'-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.463	3.19 ng	80731	Phenanthrene-d10	11.151	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	98
2	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	96
3	2,3',4,4',5'-Pentachloro-1,1'-bi...	324	C12H5Cl5	065510-44-3	95
4	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	95
5	2,3,3',5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-32-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130435.D
Acq On : 27 Sep 2022 20:57
Operator : CG\JU
Sample : N4764-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

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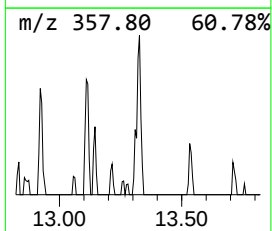
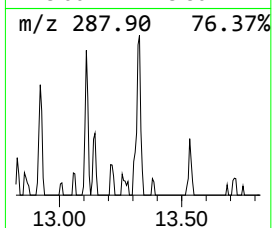
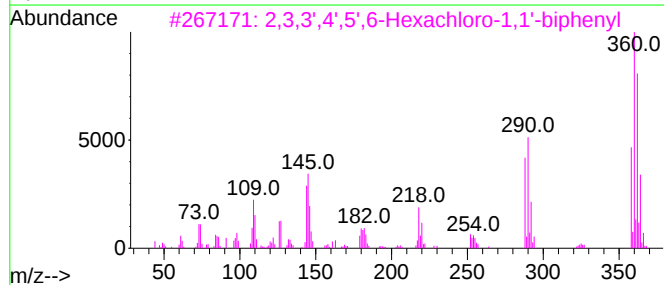
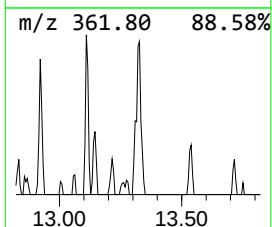
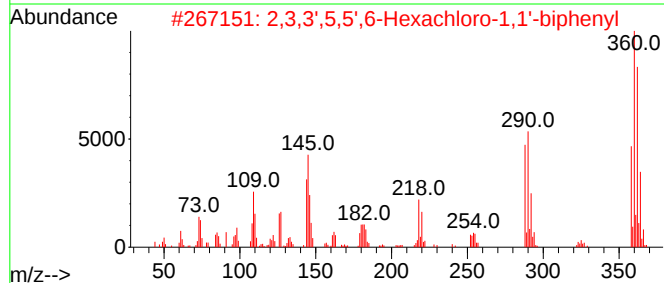
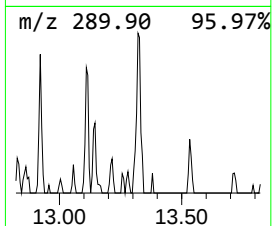
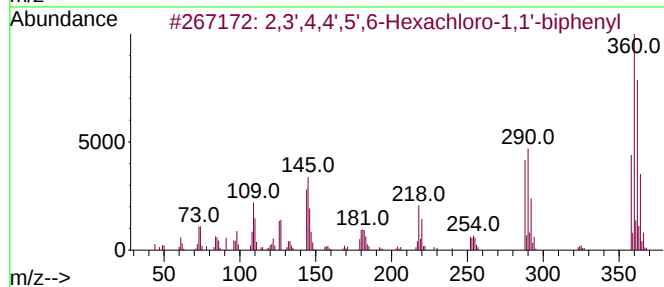
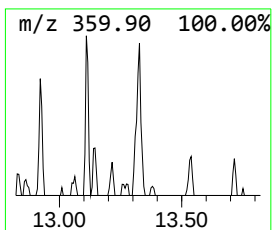
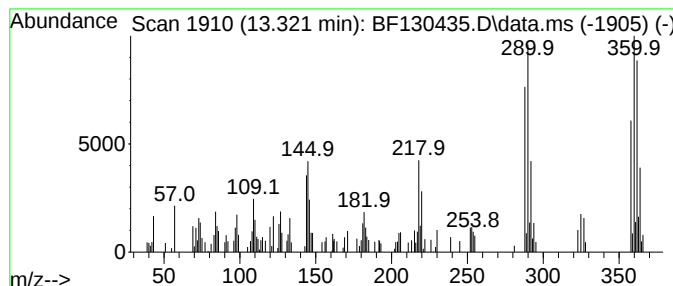
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 2,3',4,4',5',6-Hexachloro-1... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.321	2.37 ng	79667	Chrysene-d12	13.780

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99		
2	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99		
3	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99		
4	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	99		
5	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130435.D
Acq On : 27 Sep 2022 20:57
Operator : CG\JU
Sample : N4764-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
355

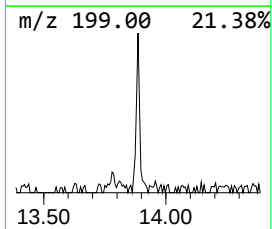
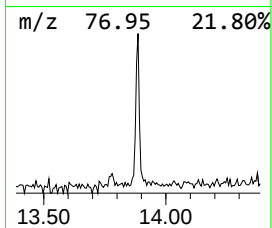
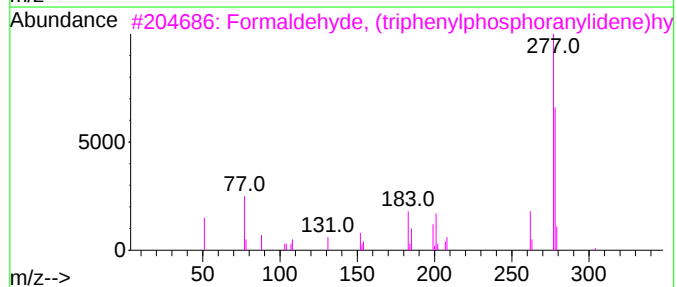
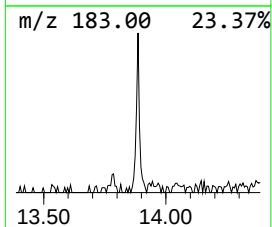
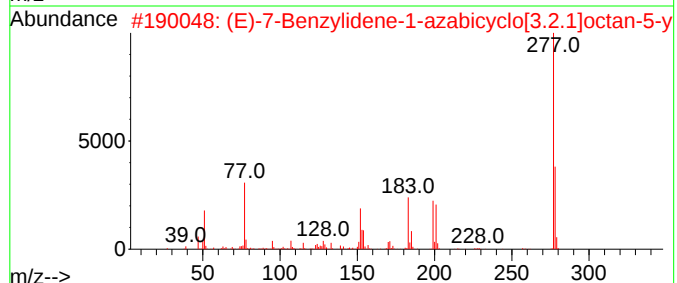
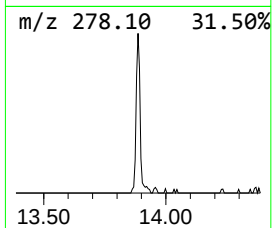
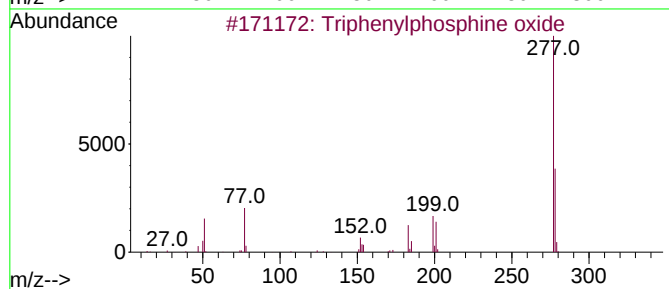
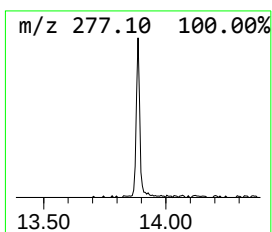
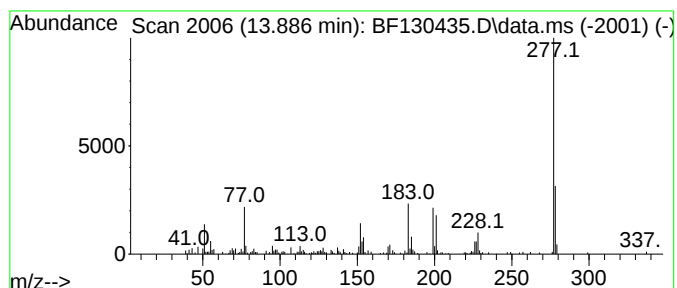
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Triphenylphosphine oxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	3.50 ng	117686	Chrysene-d12	13.780

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	93
2			(E)-7-Benzylidene-1-azabicyclo[3...]	293	C15H19NO3S	1000483-83-4	58
3			Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	40
4			Phenol, 2-(2,2-difluoro-1,3-benz...	277	C14H9F2NO3	1000274-10-8	37
5			(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	32



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130435.D
Acq On : 27 Sep 2022 20:57
Operator : CG\JU
Sample : N4764-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

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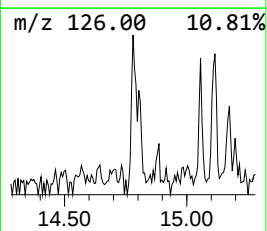
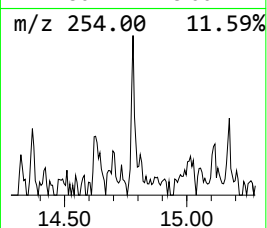
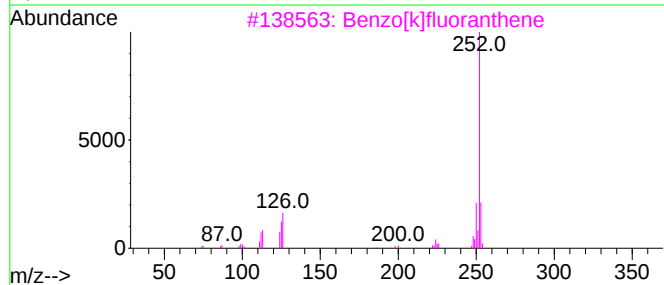
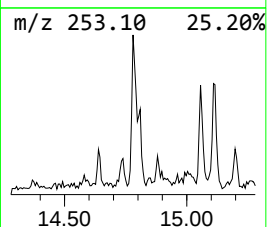
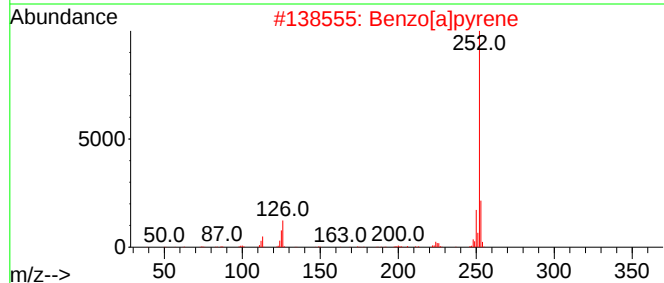
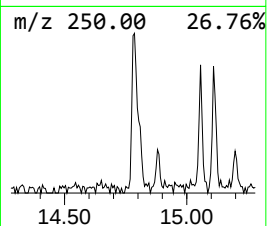
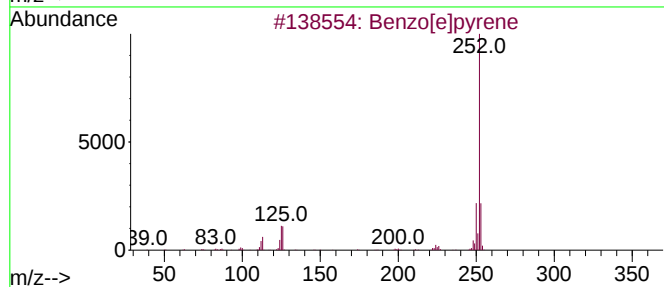
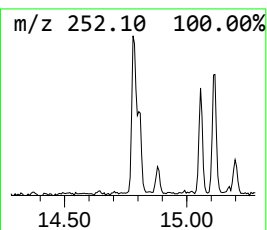
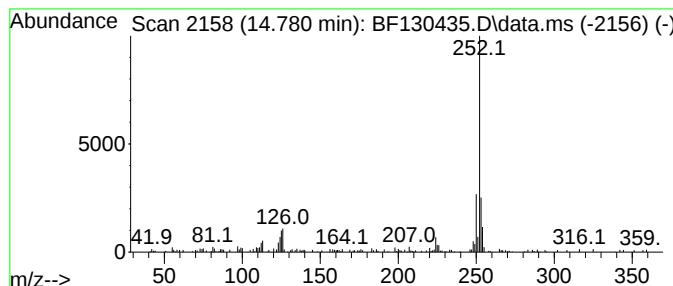
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.780	3.08 ng	93159	Perylene-d12	15.174

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	96
2			Benzo[a]pyrene	252	C20H12	000050-32-8	93
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4			Perylene	252	C20H12	000198-55-0	90
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130435.D
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Operator : CG\JU
Sample : N4764-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.822	8.3	ng	209457	1	6.645	507673	20.0
n-Hexadecanoic ...	11.692	2.2	ng	55438	4	11.151	506721	20.0
1,1'-Biphenyl, ...	11.774	2.1	ng	53582	4	11.151	506721	20.0
1,1'-Biphenyl, ...	12.280	3.6	ng	91046	4	11.151	506721	20.0
1,1'-Biphenyl, ...	12.463	3.2	ng	80731	4	11.151	506721	20.0
2,3',4,4',5',6-...	13.321	2.4	ng	79667	5	13.780	672648	20.0
Triphenylphosph...	13.886	3.5	ng	117686	5	13.780	672648	20.0
Benzo[e]pyrene	14.780	3.1	ng	93159	6	15.174	605796	20.0