

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136187.D
 Acq On : 24 Nov 2023 19:13
 Operator : CG\JU
 Sample : 05451-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-01

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-BF110723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136187.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	7	17	rVB	369606	466624	9.93%	1.601%
2	5.051	498	504	513	rVB	223169	284762	6.06%	0.977%
3	5.446	566	571	574	rBV	4031061	3816436	81.20%	13.097%
4	6.440	735	740	743	rBV	3597170	3829877	81.48%	13.143%
5	6.804	799	802	806	rBV	1051892	846128	18.00%	2.904%
6	7.369	892	898	901	rBV	2545085	2348785	49.97%	8.060%
7	8.081	1015	1019	1023	rBV	1347022	1177003	25.04%	4.039%
8	9.163	1198	1203	1206	rBV	5950670	4700233	100.00%	16.129%
9	9.839	1312	1318	1321	rBV	1708572	1333166	28.36%	4.575%
10	10.633	1448	1453	1456	rBV	3226645	2758491	58.69%	9.466%
11	11.327	1568	1571	1574	rBV	1516210	1305978	27.79%	4.482%
12	11.869	1659	1663	1673	rBV2	255043	293035	6.23%	1.006%
13	12.545	1774	1778	1782	rBV	99609	98072	2.09%	0.337%
14	12.657	1794	1797	1806	rBV3	64092	82611	1.76%	0.283%
15	12.774	1811	1817	1820	rVV	78589	80916	1.72%	0.278%
16	12.927	1839	1843	1846	rBV	4635140	3940422	83.83%	13.522%
17	13.851	1996	2000	2010	rBV3	70163	180470	3.84%	0.619%
18	13.980	2017	2022	2025	rBV	874461	773813	16.46%	2.655%
19	14.286	2070	2074	2080	rVB2	103758	101207	2.15%	0.347%
20	15.462	2269	2274	2282	rVB	607269	722818	15.38%	2.480%

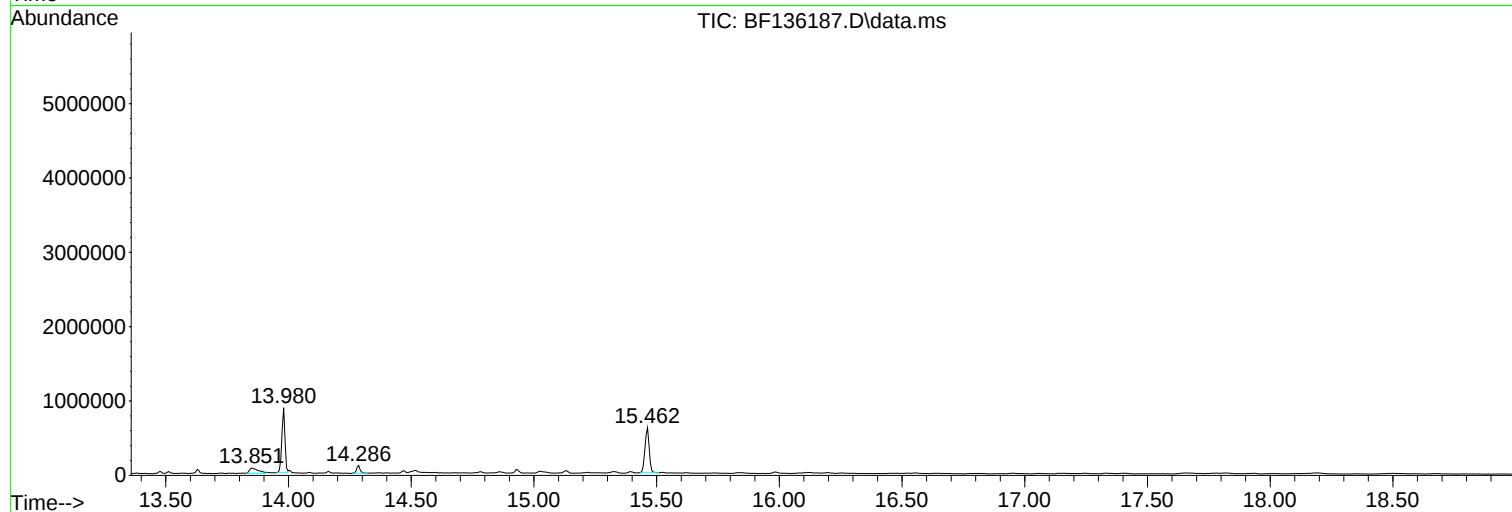
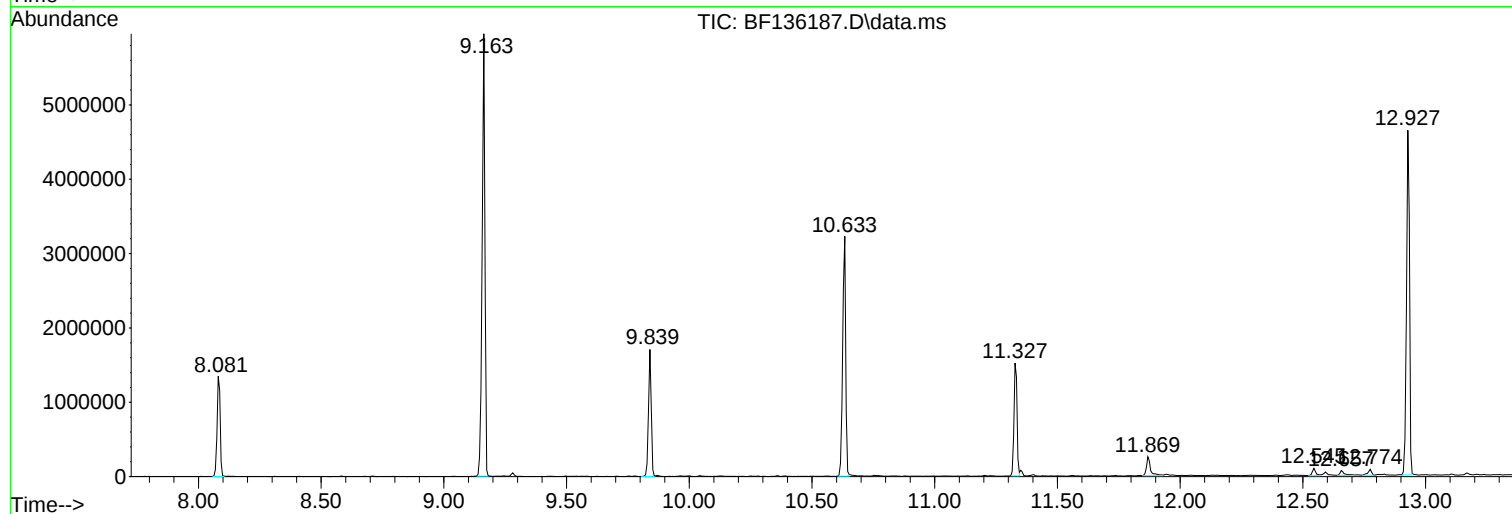
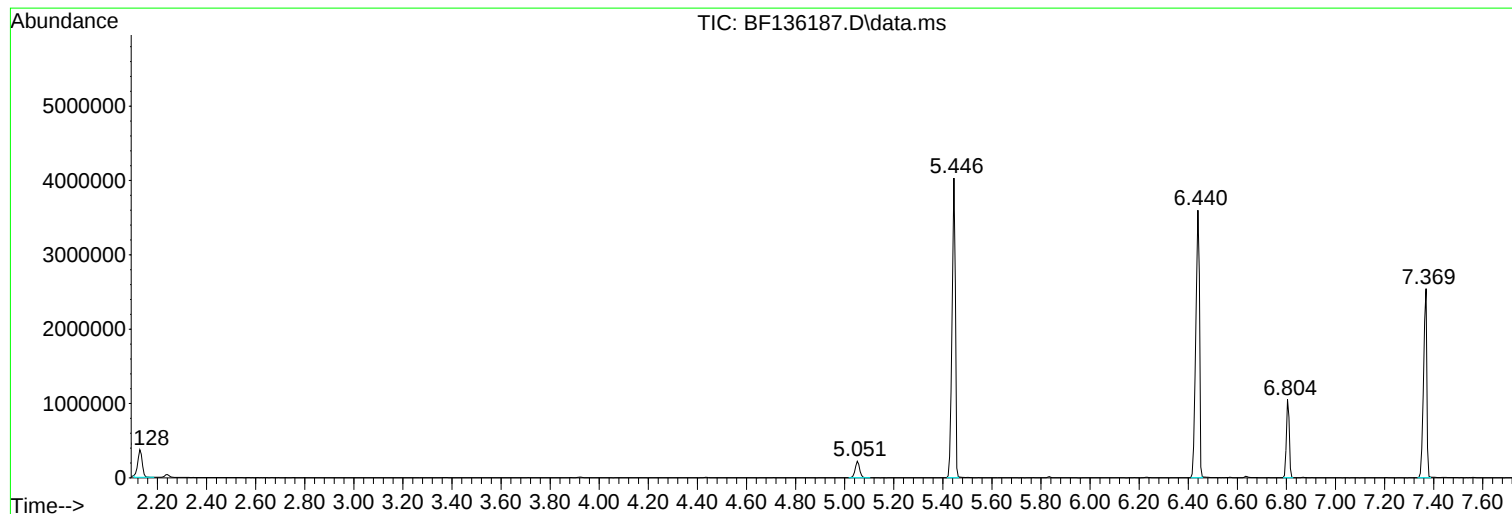
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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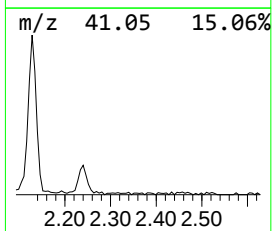
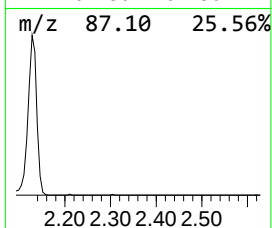
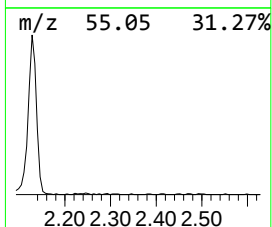
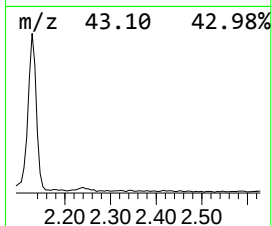
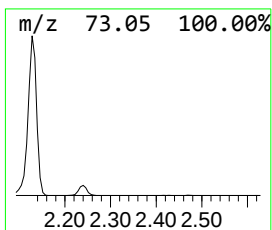
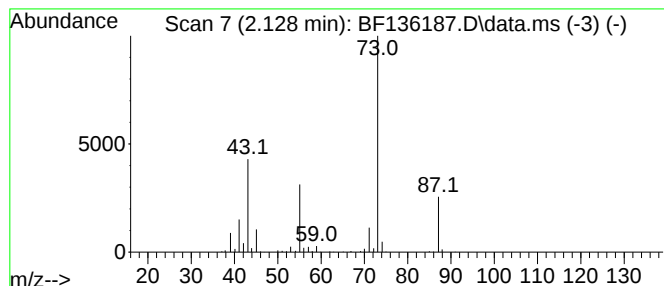
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.128	11.03 ng	466624	1,4-Dichlorobenzene-d4	6.804

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	10



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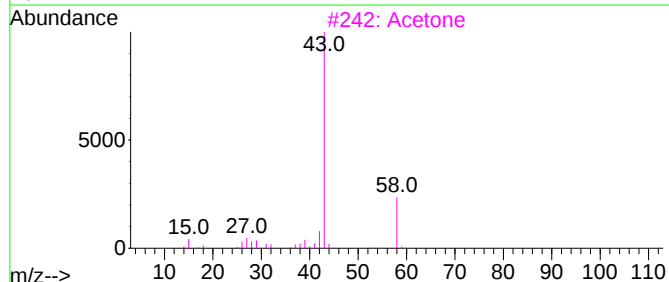
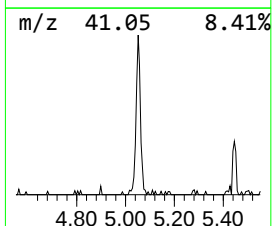
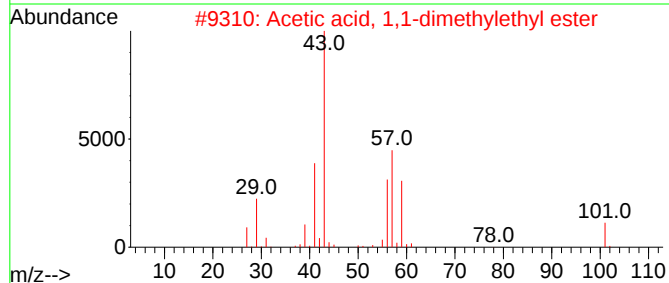
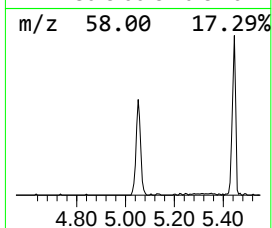
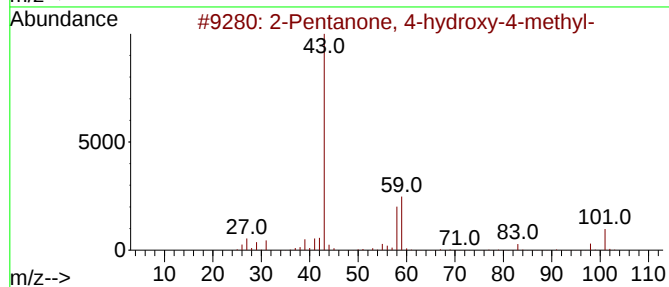
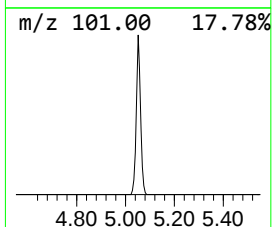
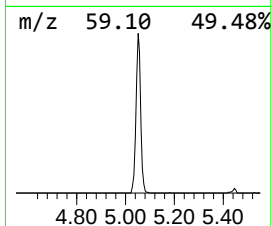
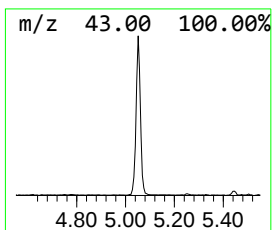
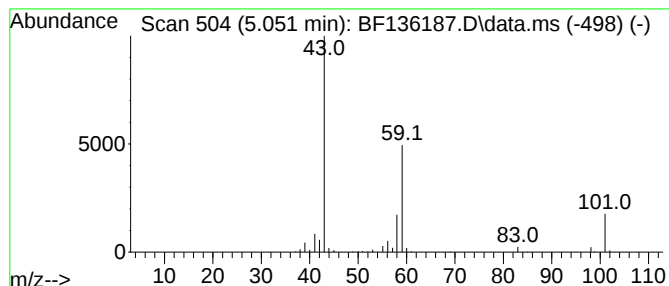
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.051	6.73 ng	284762	1,4-Dichlorobenzene-d4	6.804

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3			Acetone	58	C3H6O	000067-64-1	22
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5			Acetamide, N-(cyanomethyl)-	98	C4H6N2O	004814-80-6	9



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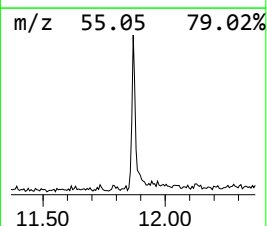
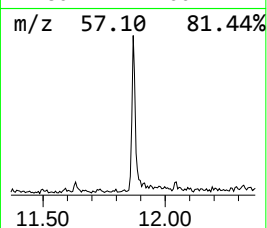
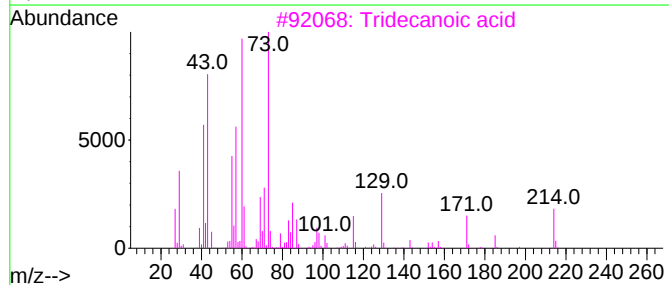
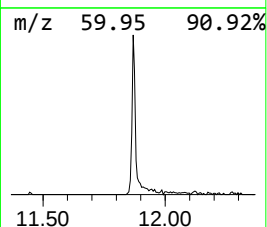
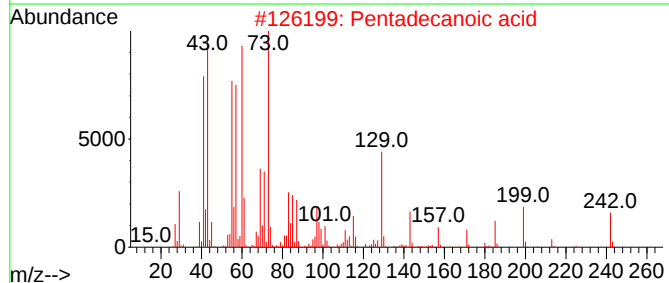
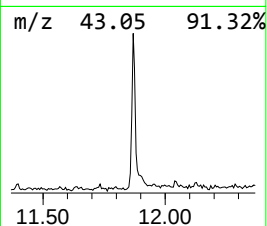
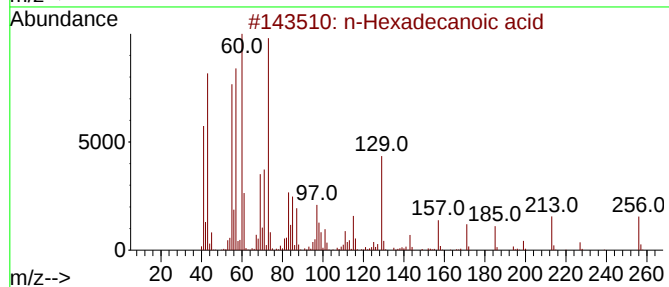
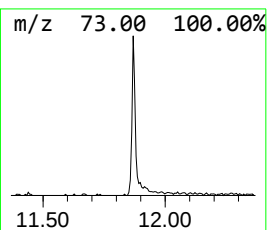
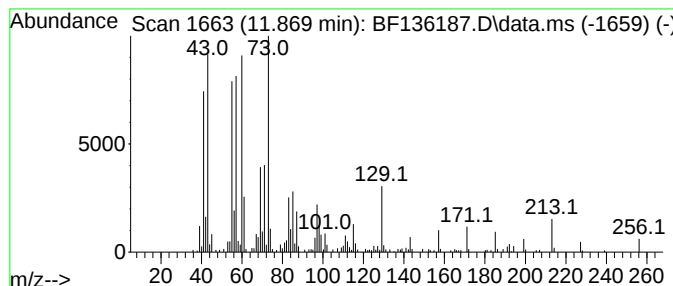
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.869	4.49 ng	293035	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3			Tridecanoic acid	214	C13H26O2	000638-53-9	76
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	53



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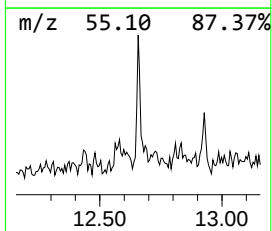
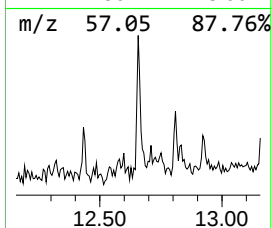
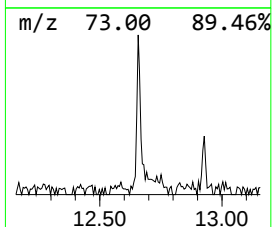
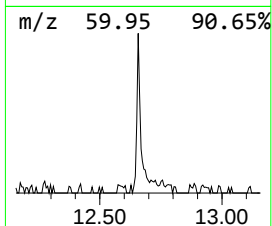
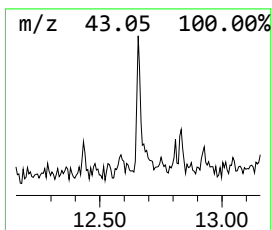
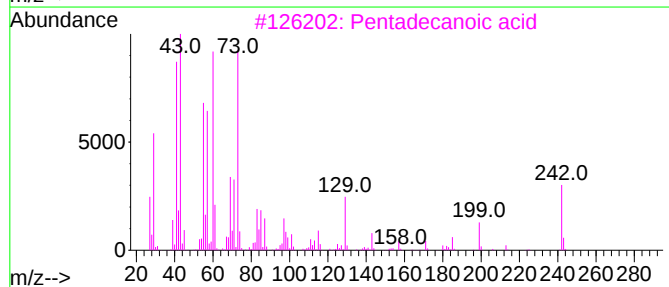
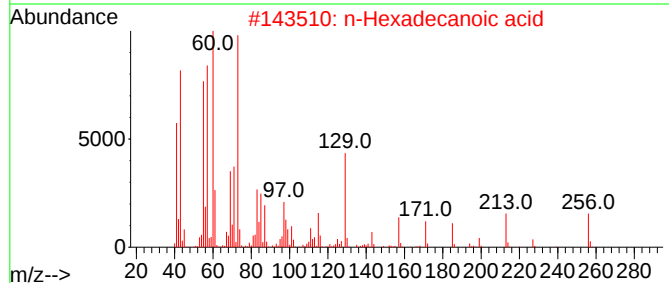
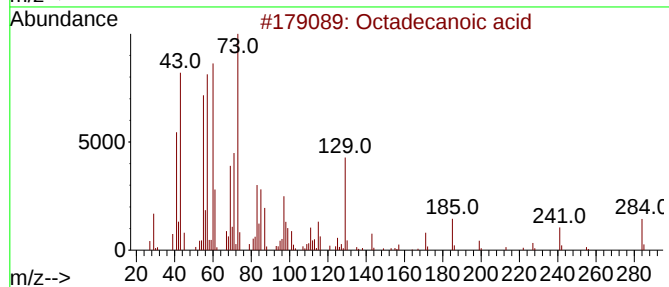
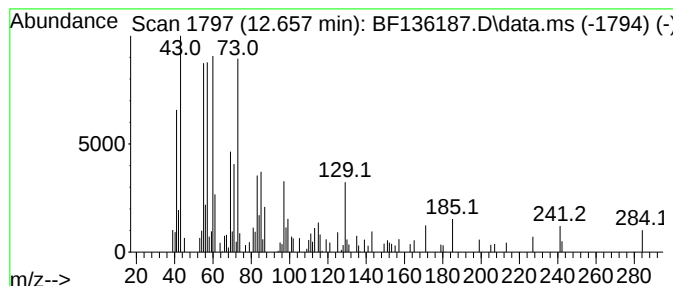
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Peak Number 4 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.657	2.14 ng	82611	Chrysene-d12	13.980

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	96
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4			Tridecanoic acid	214	C13H26O2	000638-53-9	72
5			Isoamyl nitrite	117	C5H11NO2	000110-46-3	35



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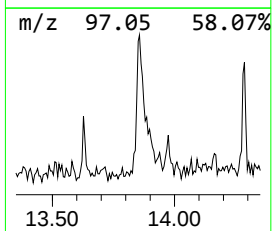
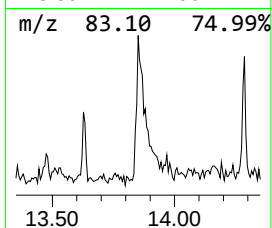
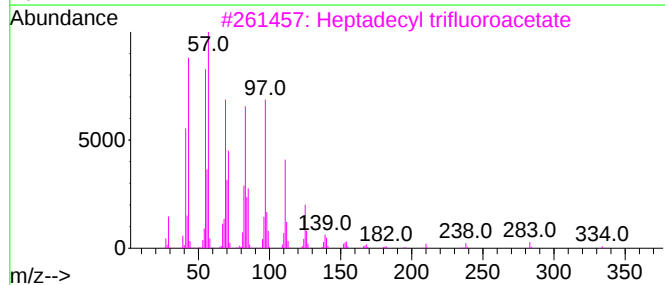
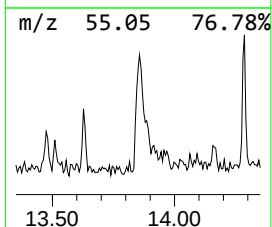
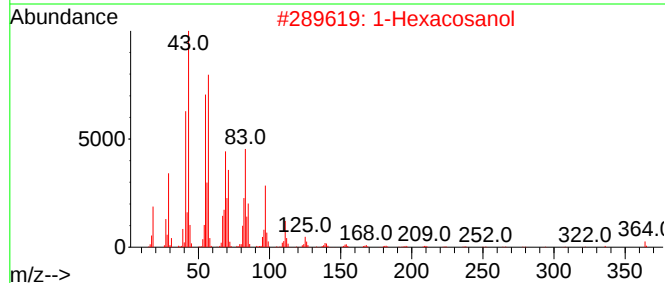
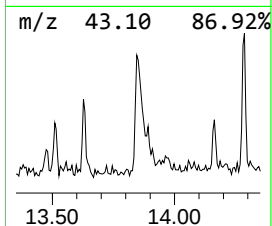
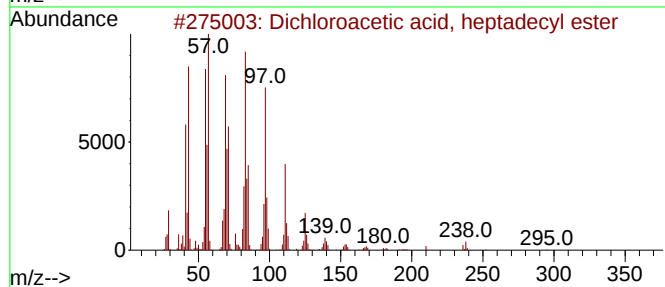
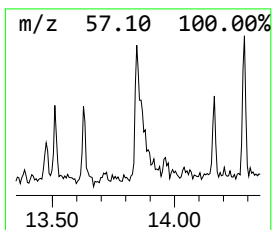
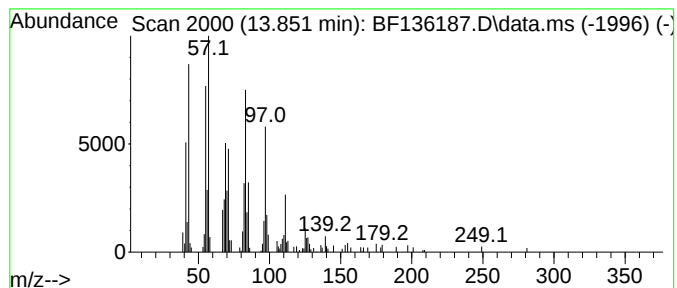
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Peak Number 6 Dichloroacetic acid, heptad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.851	4.66 ng	180470	Chrysene-d12	13.980

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
2			1-Hexacosanol	382	C26H54O	000506-52-5	91
3			Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	91
4			n-Heptadecanol-1	256	C17H36O	001454-85-9	87
5			17-Pentatriacontene	491	C35H70	006971-40-0	87



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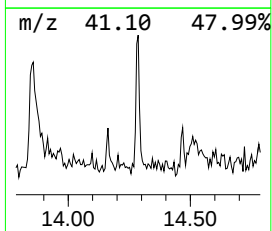
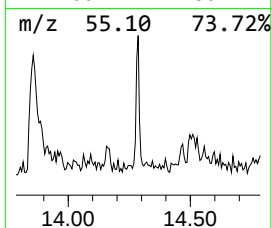
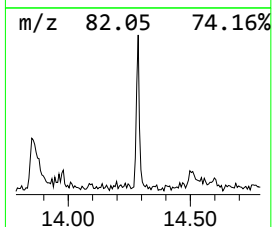
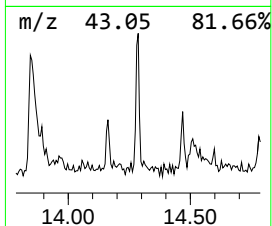
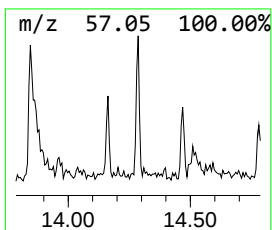
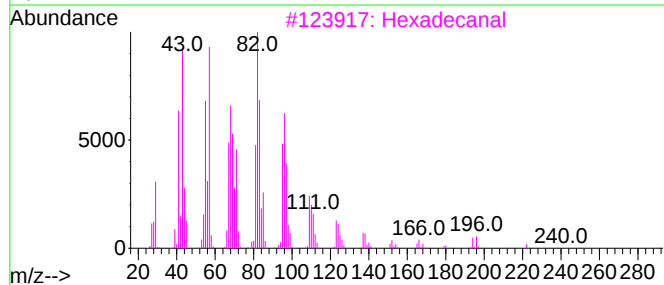
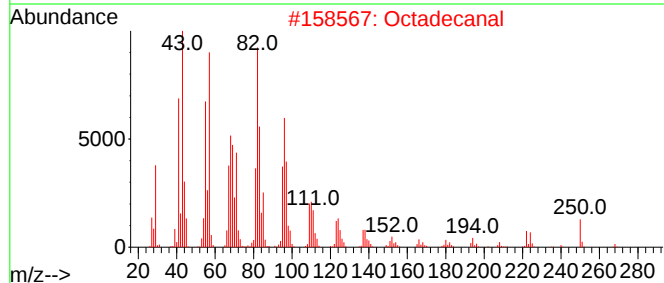
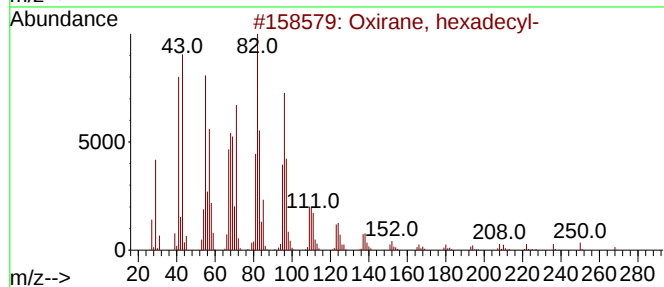
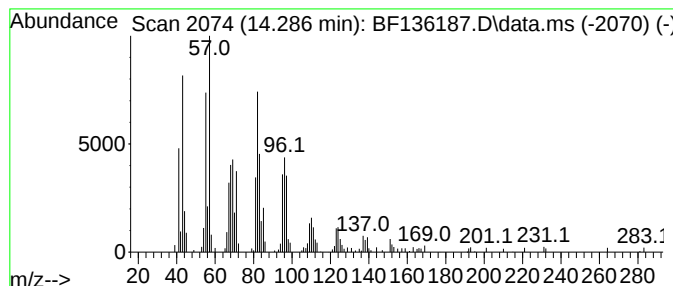
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Oxirane, hexadecyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.286	2.62 ng	101207	Chrysene-d12	13.980

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2			Octadecanal	268	C18H36O	000638-66-4	91
3			Hexadecanal	240	C16H32O	000629-80-1	91
4			Tetradecanal	212	C14H28O	000124-25-4	91
5			Eicosanal	296	C20H40O	002400-66-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
Data File : BF136187.D
Acq On : 24 Nov 2023 19:13
Operator : CG\JU
Sample : 05451-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.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
Butane, 2-metho...	2.128	11.0	ng	466624	1	6.804	846128	20.0
2-Pentanone, 4-...	5.051	6.7	ng	284762	1	6.804	846128	20.0
n-Hexadecanoic ...	11.869	4.5	ng	293035	4	11.328	1305980	20.0
Octadecanoic acid	12.657	2.1	ng	82611	5	13.980	773813	20.0
Dichloroacetic ...	13.851	4.7	ng	180470	5	13.980	773813	20.0
Oxirane, hexade...	14.286	2.6	ng	101207	5	13.980	773813	20.0