

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131375.D
 Acq On : 23 Nov 2022 22:44
 Operator : CG\JU
 Sample : N5641-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-15

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-BF112122.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131375.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.322	31	40	46	rBV	1071674	1395361	50.93%	6.424%
2	3.540	244	247	259	rBV	21688	36429	1.33%	0.168%
3	5.187	522	527	535	rBV	350588	443067	16.17%	2.040%
4	5.569	587	592	595	rBV	2557106	2739497	100.00%	12.613%
5	6.569	756	762	765	rBV	2399930	2665022	97.28%	12.270%
6	6.951	823	827	831	rVB	916542	742461	27.10%	3.418%
7	7.516	917	923	926	rBV	1636123	1708812	62.38%	7.867%
8	8.134	1024	1028	1031	rBV	424686	327770	11.96%	1.509%
9	8.239	1041	1046	1049	rBV	1102747	892582	32.58%	4.110%
10	9.322	1224	1230	1233	rBV	3257149	2695070	98.38%	12.408%
11	10.004	1340	1346	1349	rBV	1157826	929973	33.95%	4.282%
12	10.798	1476	1481	1484	rBV	1614372	1473914	53.80%	6.786%
13	11.498	1596	1600	1603	rBV	833741	798936	29.16%	3.678%
14	11.522	1603	1604	1608	rVV	260789	177478	6.48%	0.817%
15	11.574	1608	1613	1617	rVB3	41239	50969	1.86%	0.235%
16	12.022	1683	1689	1694	rBV2	95931	118653	4.33%	0.546%
17	12.721	1804	1808	1812	rBV	314118	279680	10.21%	1.288%
18	12.810	1820	1823	1826	rBV2	39403	33684	1.23%	0.155%
19	12.951	1841	1847	1851	rBV	262730	260390	9.51%	1.199%
20	13.098	1867	1872	1875	rBV	2161927	1828643	66.75%	8.419%
21	14.157	2046	2052	2055	rBV	717457	710429	25.93%	3.271%
22	14.180	2055	2056	2059	rVV	100843	58029	2.12%	0.267%
23	14.251	2063	2068	2074	rBV2	85139	113724	4.15%	0.524%
24	14.627	2129	2132	2136	rVB2	39644	43866	1.60%	0.202%
25	14.951	2184	2187	2190	rVB	38290	38248	1.40%	0.176%
26	15.233	2231	2235	2238	rBV	83495	129913	4.74%	0.598%
27	15.315	2246	2249	2252	rBV	51197	55914	2.04%	0.257%
28	15.557	2286	2290	2296	rVB	52226	73501	2.68%	0.338%
29	15.621	2297	2301	2307	rVB	70040	90167	3.29%	0.415%
30	15.692	2308	2313	2317	rVV	402910	524473	19.14%	2.415%
31	15.727	2317	2319	2325	rVB	68293	78821	2.88%	0.363%
32	16.198	2395	2399	2404	rVB	46227	69627	2.54%	0.321%
33	16.751	2488	2493	2504	rVB3	40860	97410	3.56%	0.448%
34	17.398	2600	2603	2609	rVB3	19983	37398	1.37%	0.172%

Sum of corrected areas: 21719911

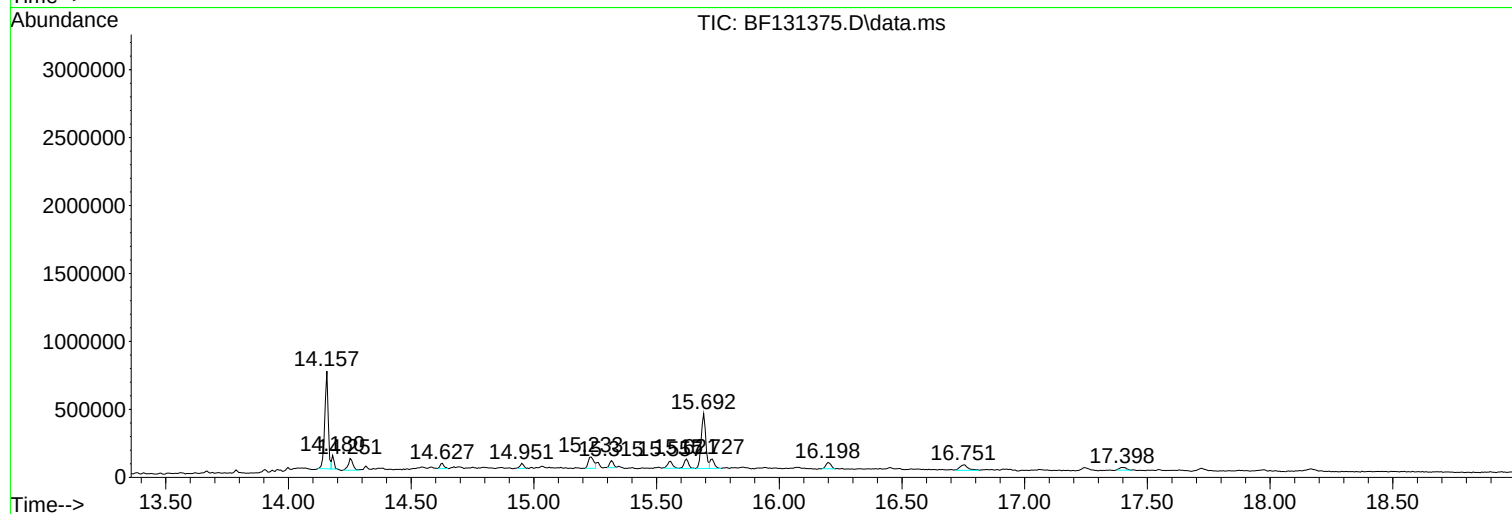
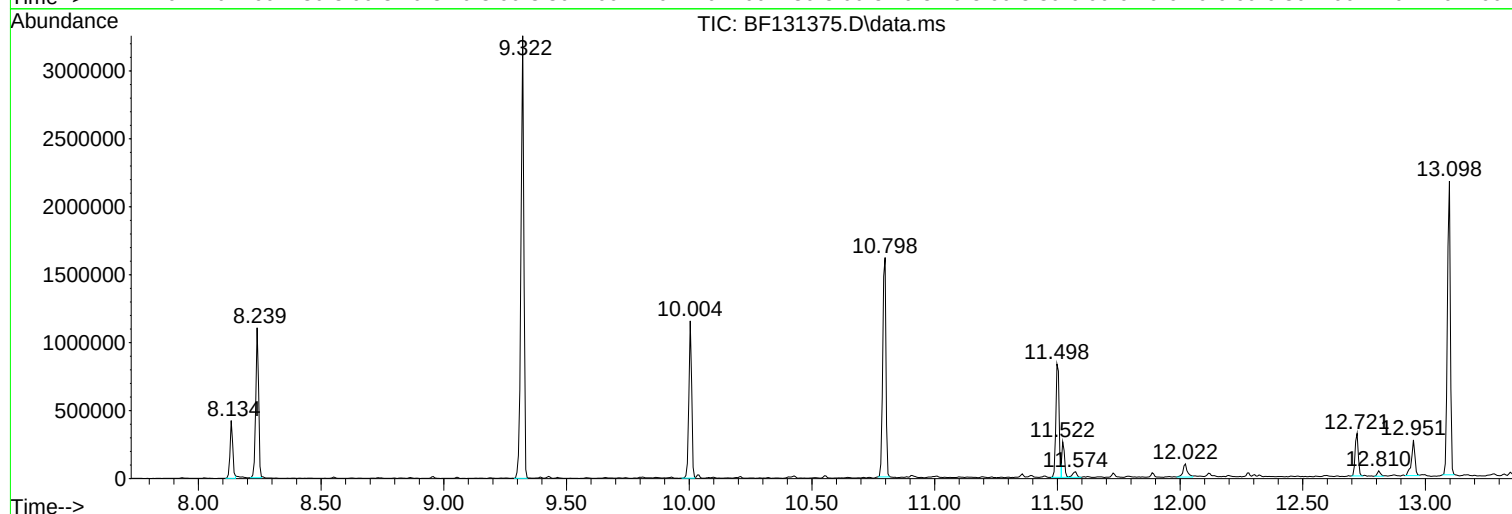
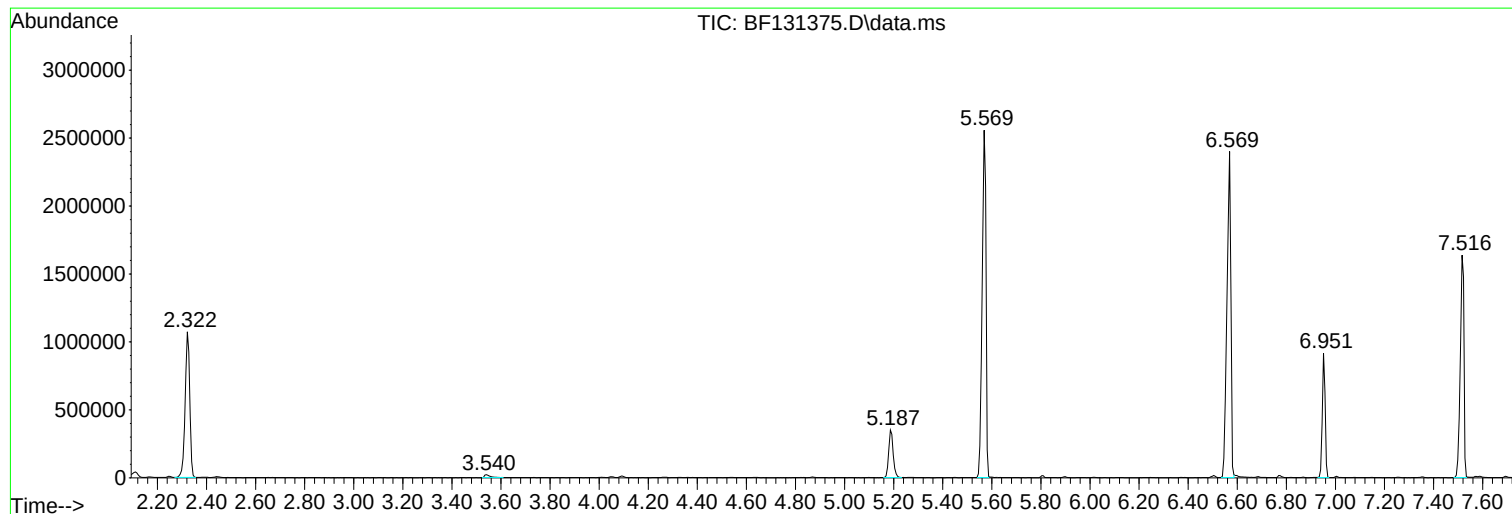
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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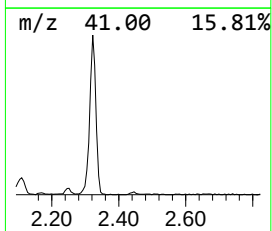
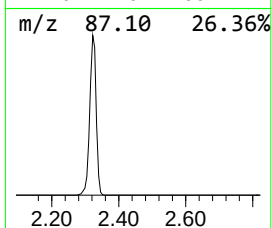
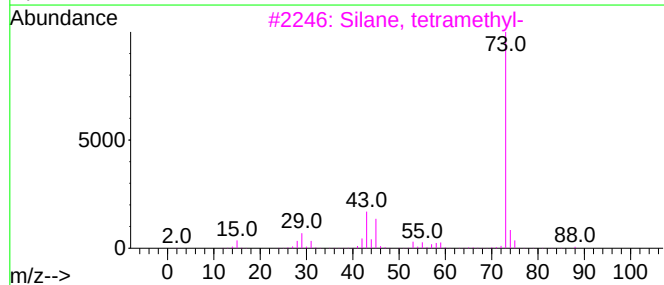
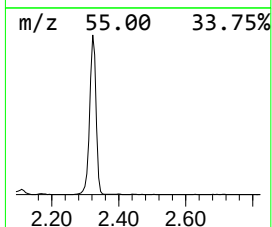
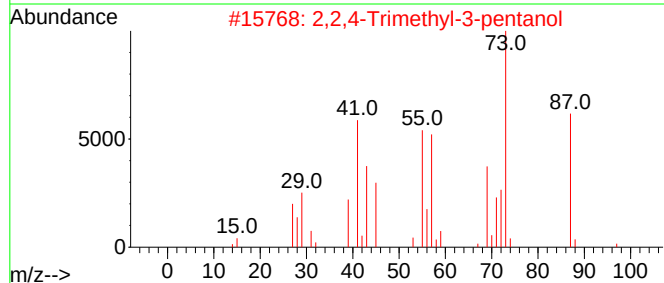
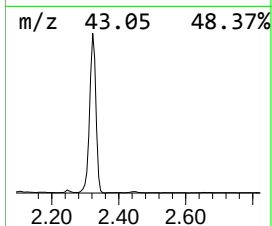
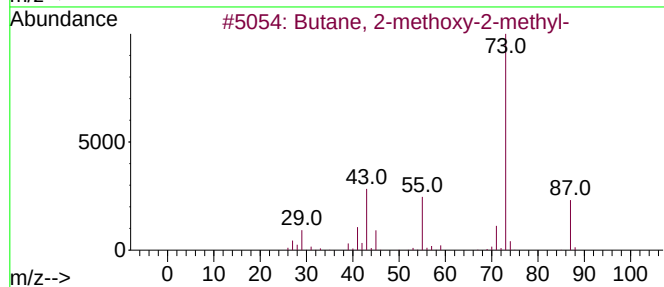
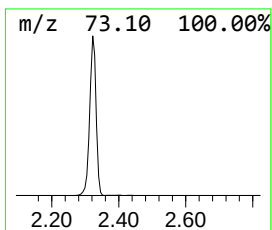
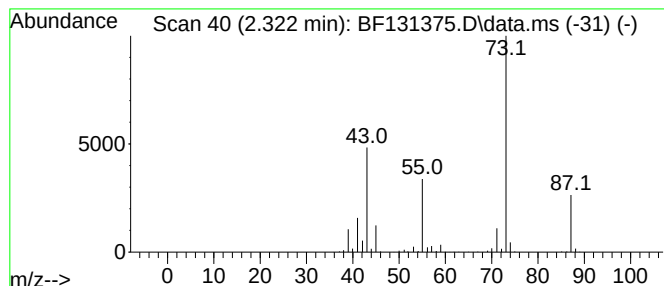
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.322	37.59 ng	1395360	1,4-Dichlorobenzene-d4	6.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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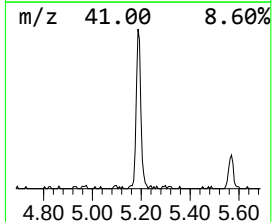
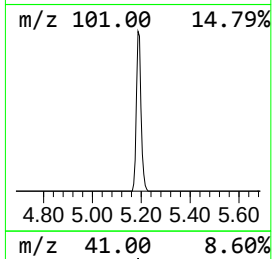
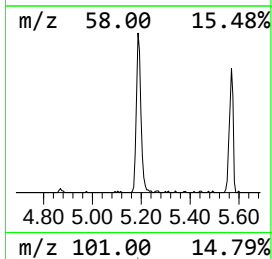
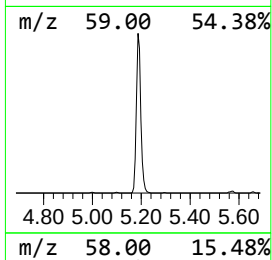
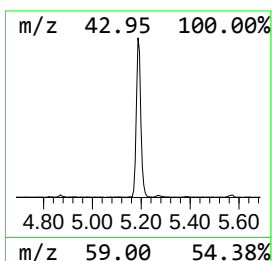
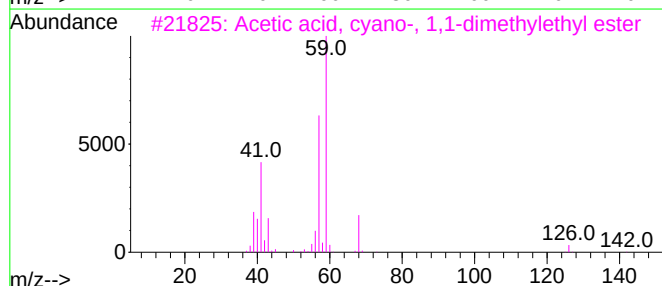
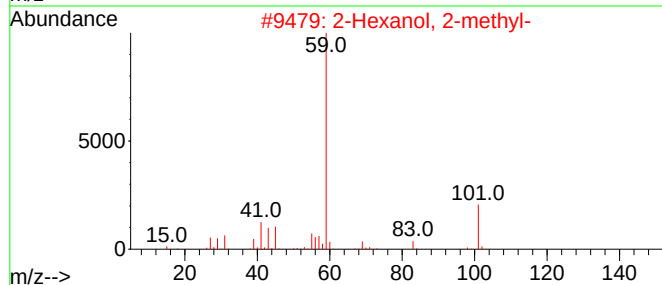
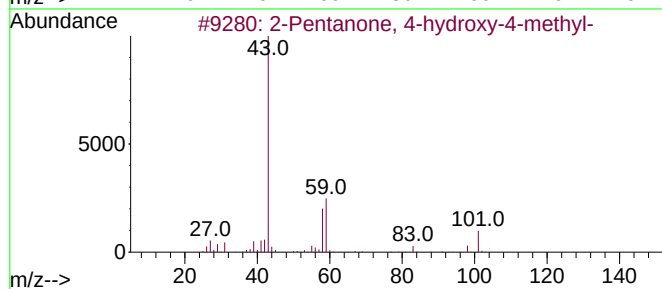
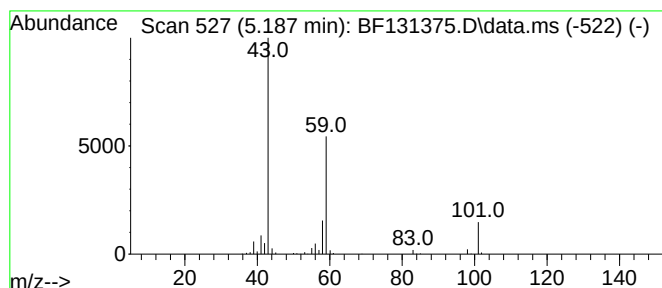
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.187	11.94 ng	443067	1,4-Dichlorobenzene-d4	6.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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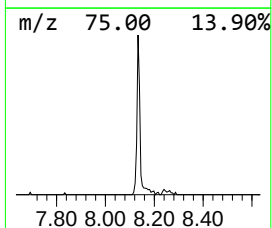
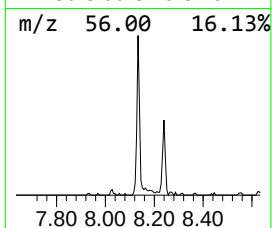
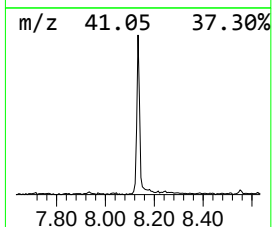
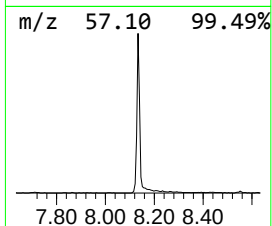
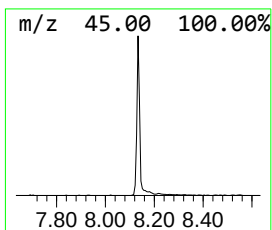
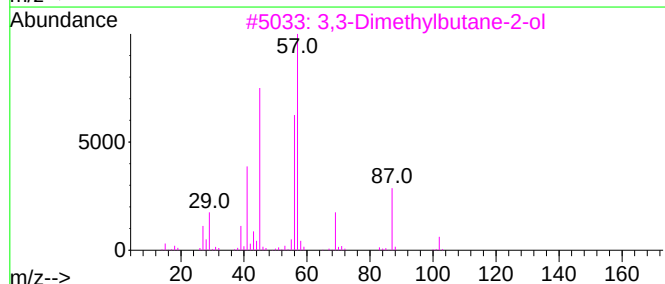
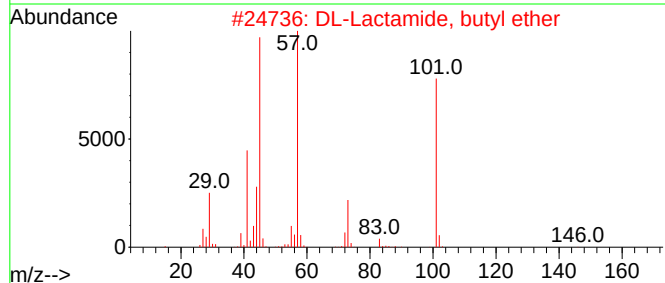
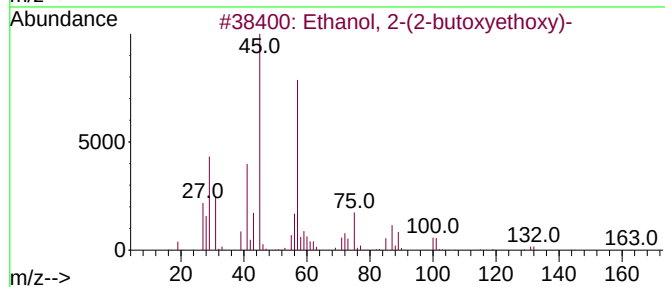
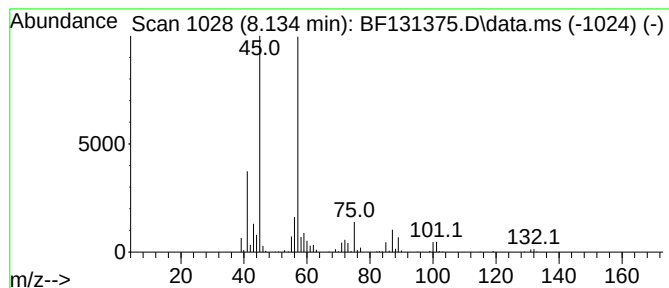
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.134	7.34 ng	327770	Naphthalene-d8	8.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
2			DL-Lactamide, butyl ether	145	C7H15NO2	1000452-56-5	53
3			3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50
4			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	50
5			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	50



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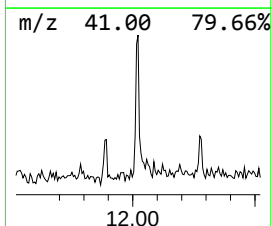
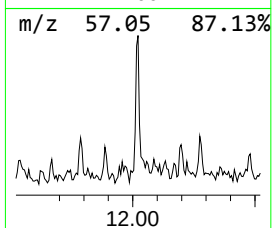
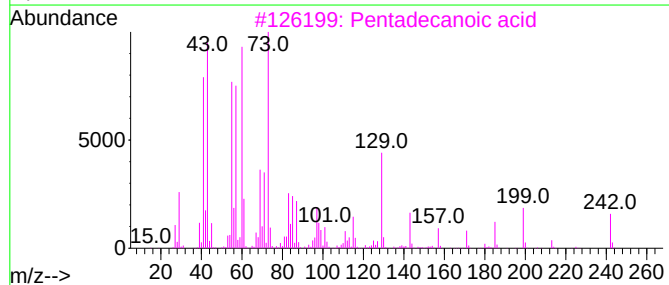
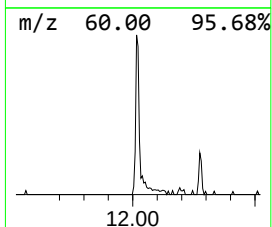
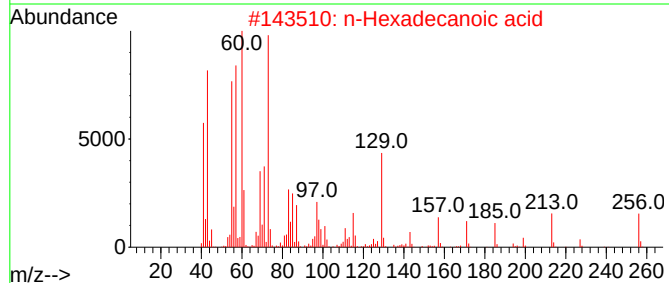
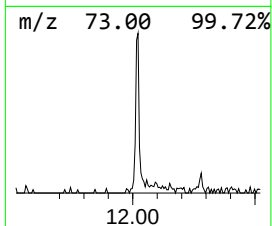
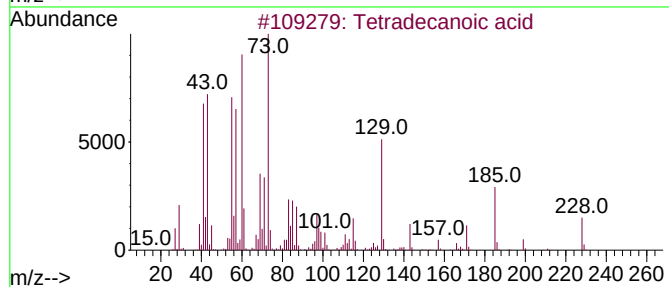
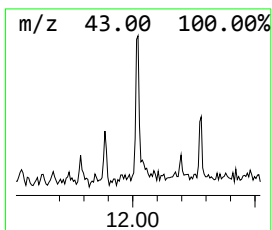
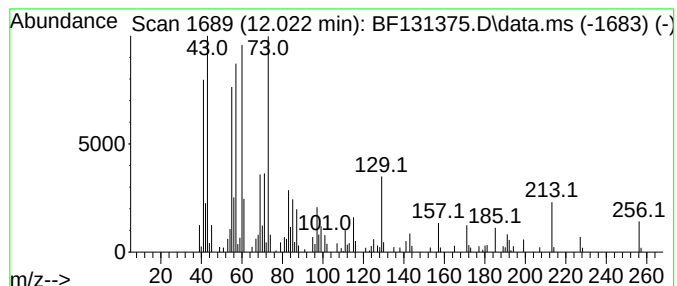
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Peak Number 4 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	2.97 ng	118653	Phenanthrene-d10	11.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	95
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Tridecanoic acid	214	C13H26O2	000638-53-9	76
5			n-Decanoic acid	172	C10H20O2	000334-48-5	70



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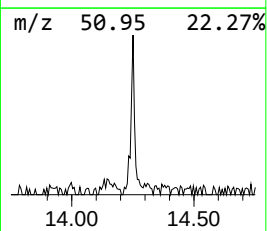
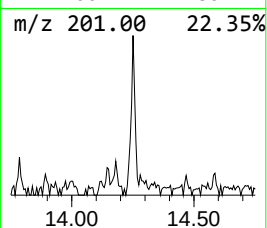
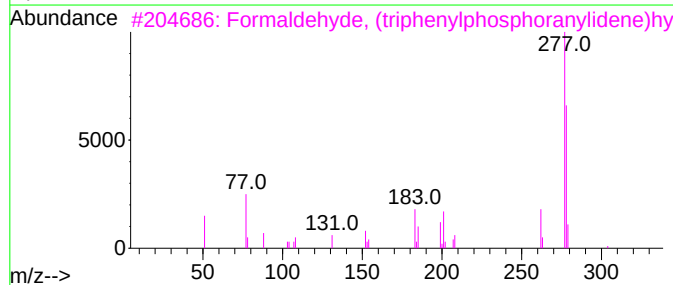
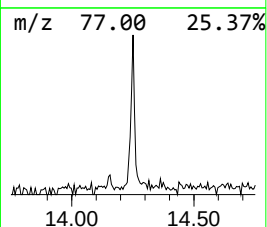
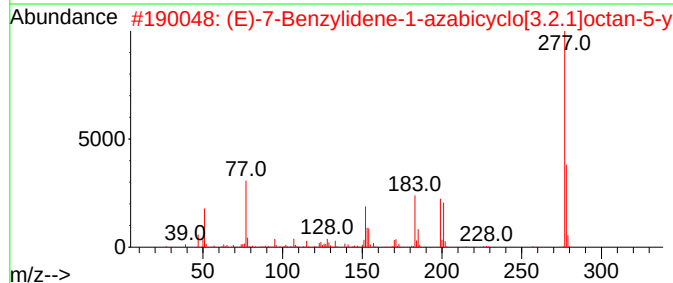
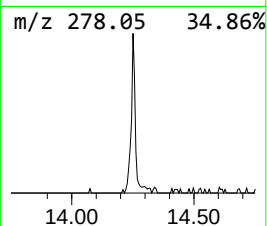
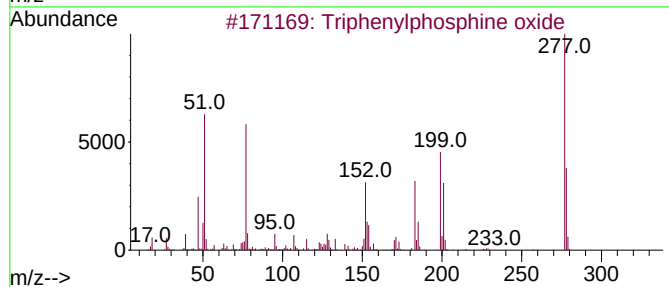
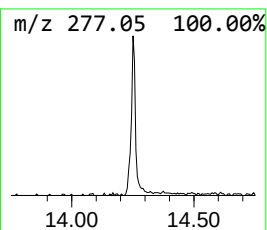
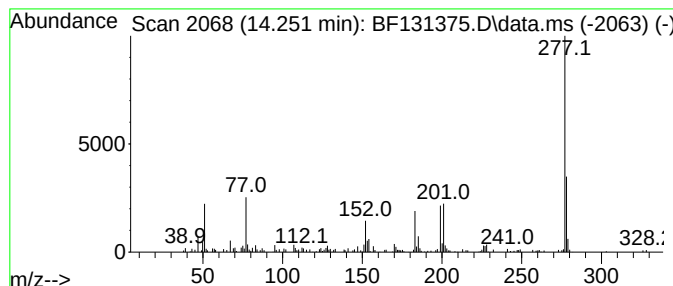
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Peak Number 5 Triphenylphosphine oxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.251	3.20 ng	113724	Chrysene-d12	14.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	96
2			(E)-7-Benzylidene-1-azabicyclo[3...]	293	C15H19N03S	1000483-83-4	46
3			Formaldehyde, (triphenylphosphor...]	304	C19H17N2P	015990-54-2	42
4			Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	38
5			Benzoic acid, 2-(diphenylphosphi...	306	C19H15O2P	017261-28-8	38



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ClientSampleId :
SOIL-PILE-15

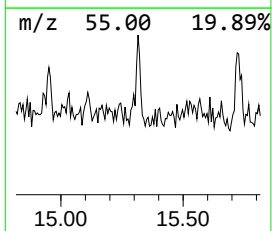
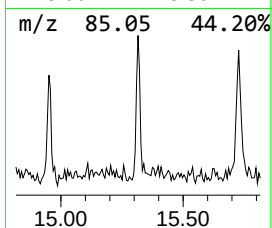
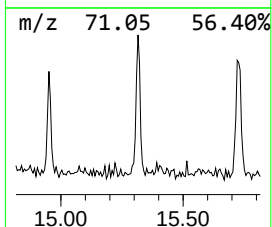
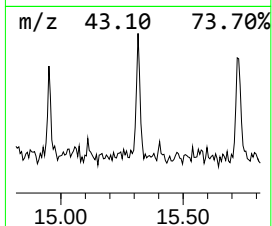
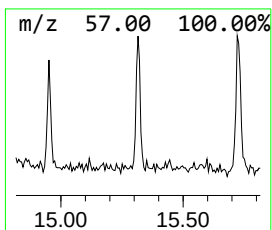
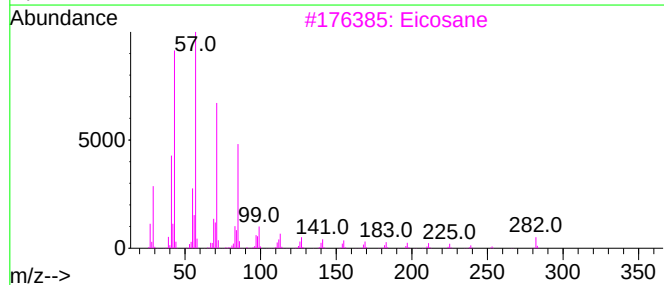
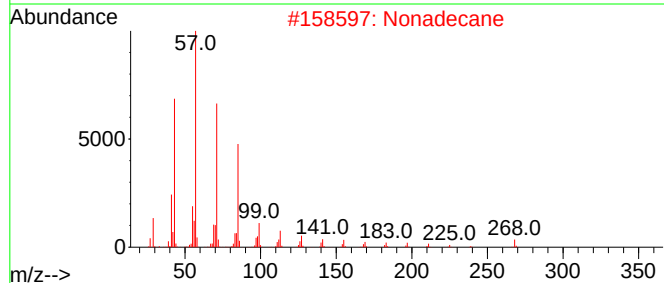
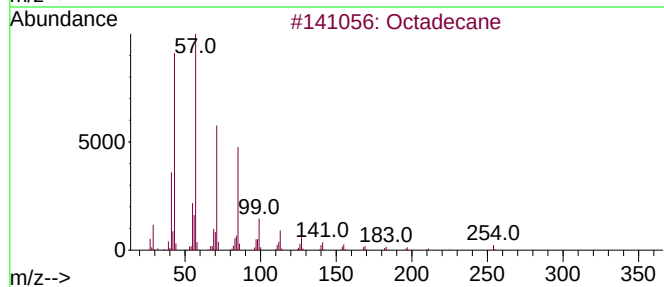
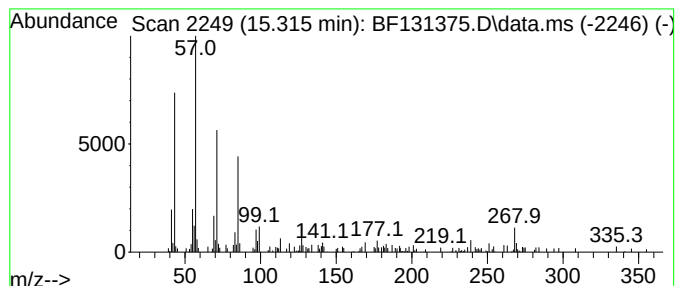
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.315	2.13 ng	55914	Perylene-d12	15.692

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	90
2			Nonadecane	268	C19H40	000629-92-5	87
3			Eicosane	282	C20H42	000112-95-8	81
4			Octacosane	394	C28H58	000630-02-4	74
5			Hexatriacontane	507	C36H74	000630-06-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131375.D
Acq On : 23 Nov 2022 22:44
Operator : CG\JU
Sample : N5641-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-15

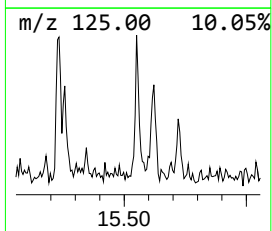
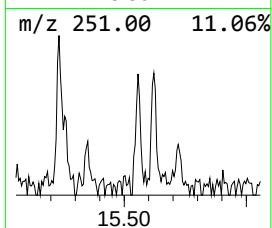
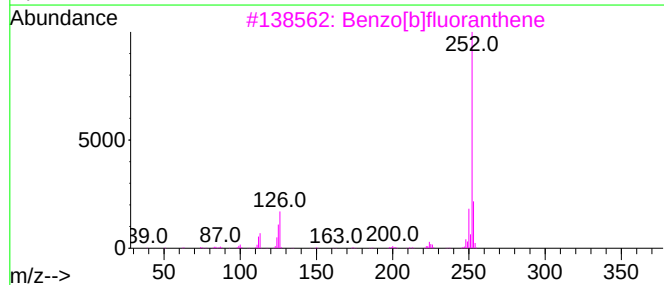
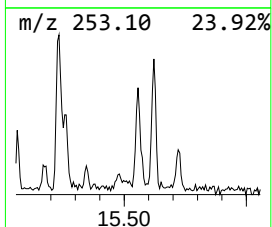
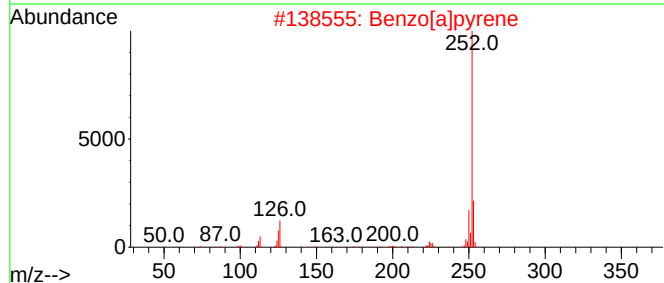
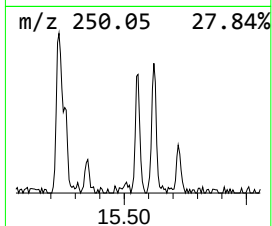
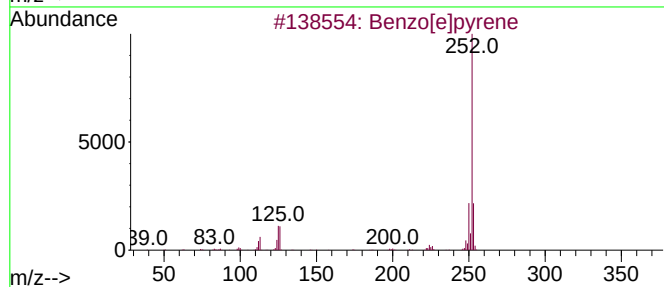
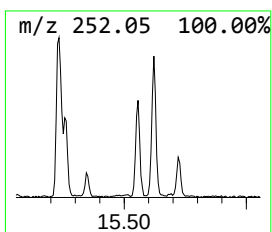
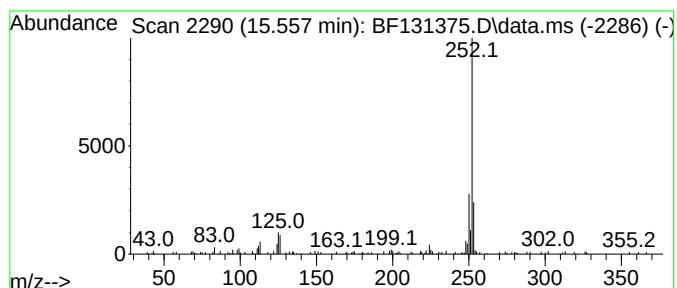
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.557	2.80 ng	73501	Perylene-d12	15.692

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	93
2			Benzo[a]pyrene	252	C20H12	000050-32-8	91
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4			Perylene	252	C20H12	000198-55-0	81
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131375.D
Acq On : 23 Nov 2022 22:44
Operator : CG\JU
Sample : N5641-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-15

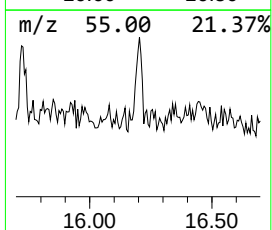
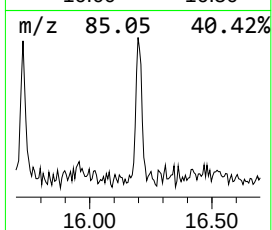
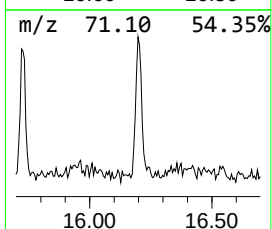
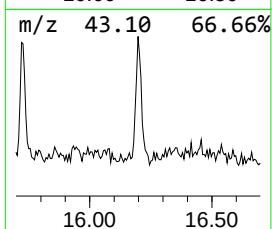
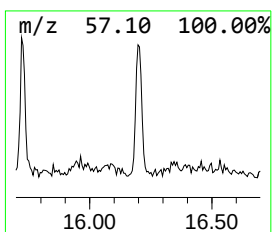
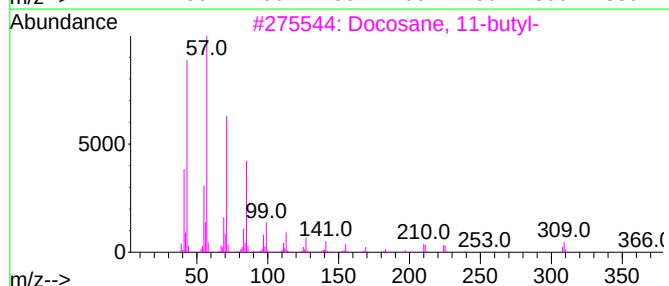
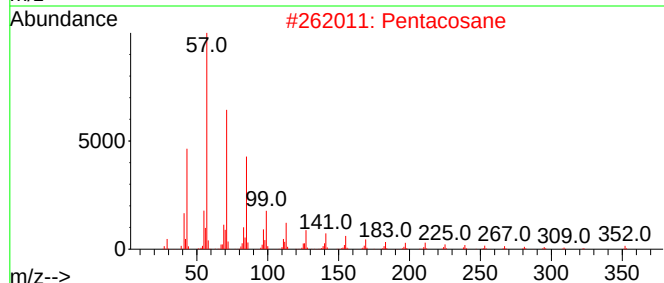
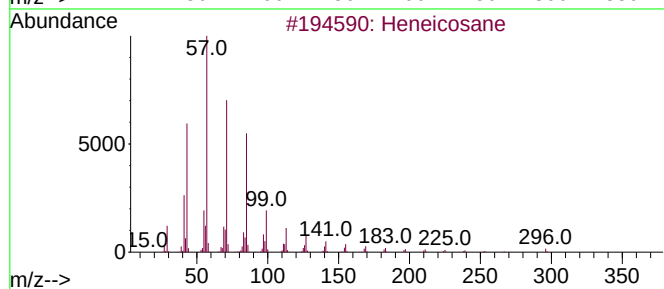
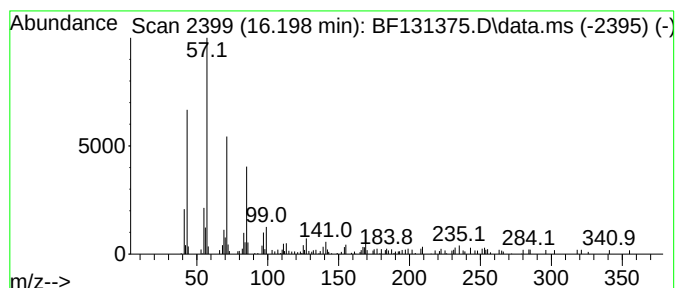
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.198	2.66 ng	69627	Perylene-d12	15.692

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	90
2			Pentacosane	352	C25H52	000629-99-2	83
3			Docosane, 11-butyl-	366	C26H54	013475-76-8	83
4			Hentriacontane	437	C31H64	000630-04-6	83
5			Eicosane, 2-methyl-	296	C21H44	001560-84-5	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131375.D
Acq On : 23 Nov 2022 22:44
Operator : CG\JU
Sample : N5641-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-15

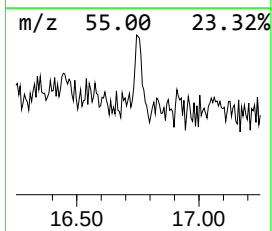
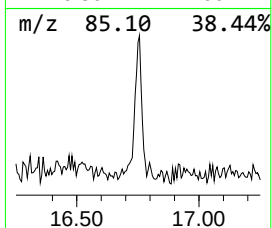
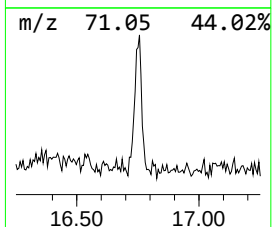
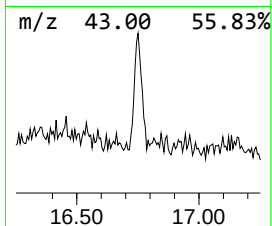
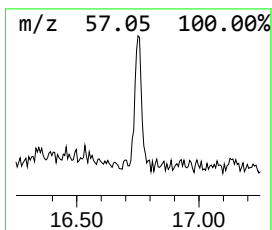
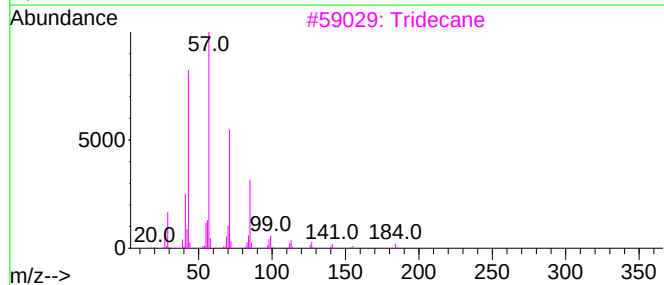
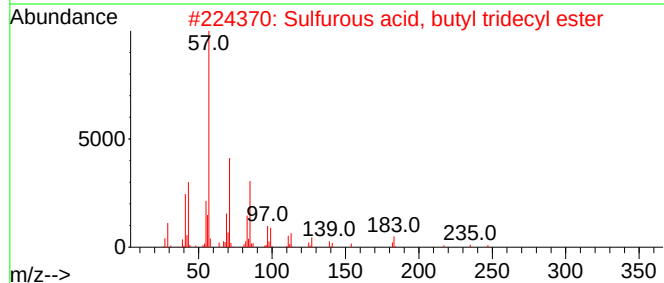
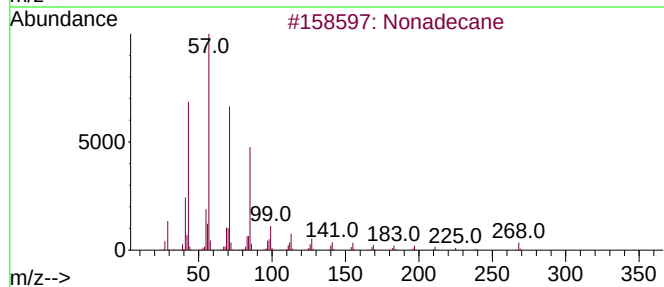
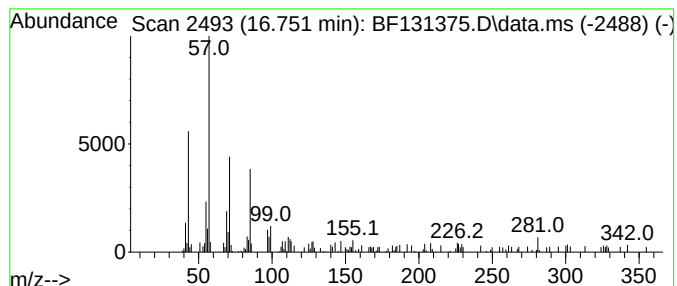
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.751	3.71 ng	97410	Perylene-d12	15.692

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	92
2			Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	80
3			Tridecane	184	C13H28	000629-50-5	76
4			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	64
5			Pentadecane	212	C15H32	000629-62-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131375.D
Acq On : 23 Nov 2022 22:44
Operator : CG\JU
Sample : N5641-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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
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2-Pentanone, 4-...	5.187	11.9	ng	443067	1	6.951	742461	20.0
Ethanol, 2-(2-b...	8.134	7.3	ng	327770	2	8.239	892582	20.0
Tetradecanoic acid	12.022	3.0	ng	118653	4	11.498	798936	20.0
Triphenylphosph...	14.251	3.2	ng	113724	5	14.157	710429	20.0
Octadecane	15.315	2.1	ng	55914	6	15.692	524473	20.0
Benzo[e]pyrene	15.557	2.8	ng	73501	6	15.692	524473	20.0
Heneicosane	16.198	2.7	ng	69627	6	15.692	524473	20.0
Nonadecane	16.751	3.7	ng	97410	6	15.692	524473	20.0