

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131378.D
 Acq On : 24 Nov 2022 00:21
 Operator : CG\JU
 Sample : N5641-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-17

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: BF131378.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.299	28	36	43	rVB	875713	1161331	47.85%	6.400%
2	5.187	521	527	534	rBV	292331	383223	15.79%	2.112%
3	5.569	586	592	595	rBV	2522983	2410237	99.30%	13.283%
4	6.569	756	762	765	rBV	2214144	2352125	96.91%	12.962%
5	6.951	824	827	831	rVB	801073	683256	28.15%	3.765%
6	7.522	918	924	926	rBV	1470128	1490257	61.40%	8.213%
7	8.134	1025	1028	1039	rBV	201000	173245	7.14%	0.955%
8	8.240	1042	1046	1050	rBV	890882	806976	33.25%	4.447%
9	9.322	1225	1230	1233	rBV	2952887	2427132	100.00%	13.376%
10	10.004	1342	1346	1350	rBV	928313	791404	32.61%	4.361%
11	10.798	1477	1481	1484	rBV	1493916	1207049	49.73%	6.652%
12	11.504	1597	1601	1604	rBV	785604	647648	26.68%	3.569%
13	12.022	1683	1689	1694	rBV	149784	138008	5.69%	0.761%
14	12.722	1805	1808	1812	rBV	36403	32406	1.34%	0.179%
15	12.810	1820	1823	1829	rBV	62596	73797	3.04%	0.407%
16	12.951	1843	1847	1851	rVB	41834	43918	1.81%	0.242%
17	13.098	1868	1872	1875	rBV	2133990	1788569	73.69%	9.857%
18	14.157	2048	2052	2056	rBV	639332	604058	24.89%	3.329%
19	14.257	2064	2069	2077	rVB	101681	133998	5.52%	0.738%
20	14.627	2130	2132	2136	rVB	33042	28367	1.17%	0.156%
21	14.798	2158	2161	2164	rVB	117288	102729	4.23%	0.566%
22	15.321	2246	2250	2254	rVB	42025	54148	2.23%	0.298%
23	15.698	2309	2314	2317	rBV	346565	438923	18.08%	2.419%
24	15.733	2317	2320	2326	rVB	52834	70163	2.89%	0.387%
25	16.204	2396	2400	2406	rBV	40636	64286	2.65%	0.354%
26	17.410	2601	2605	2610	rVB4	21559	38601	1.59%	0.213%

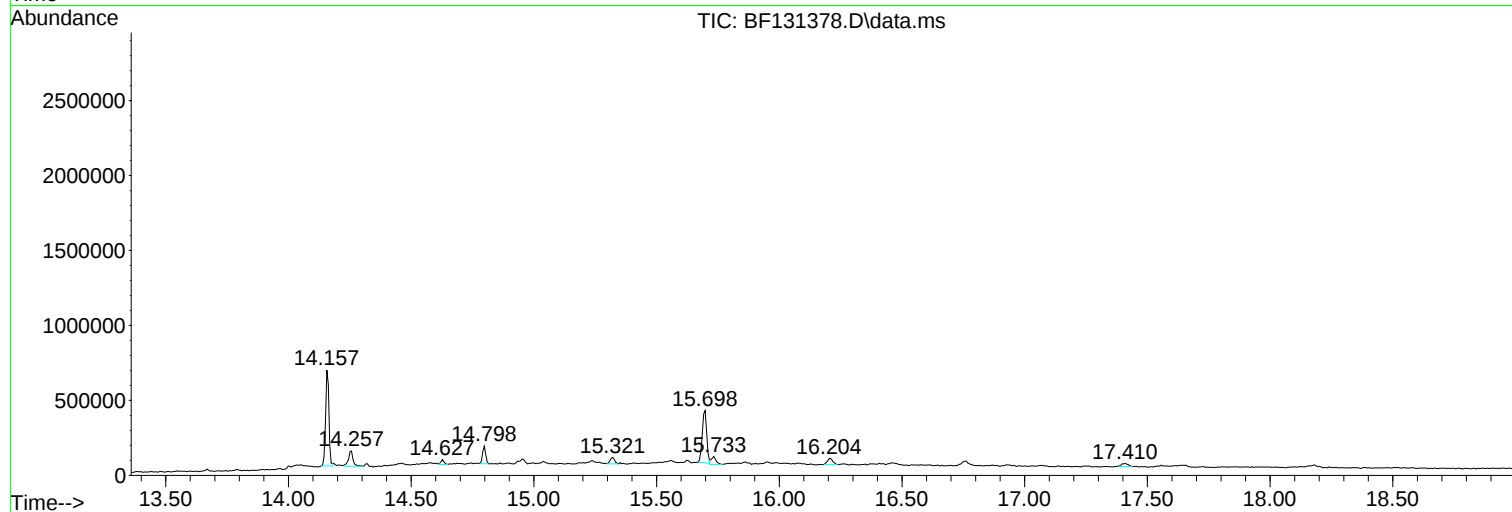
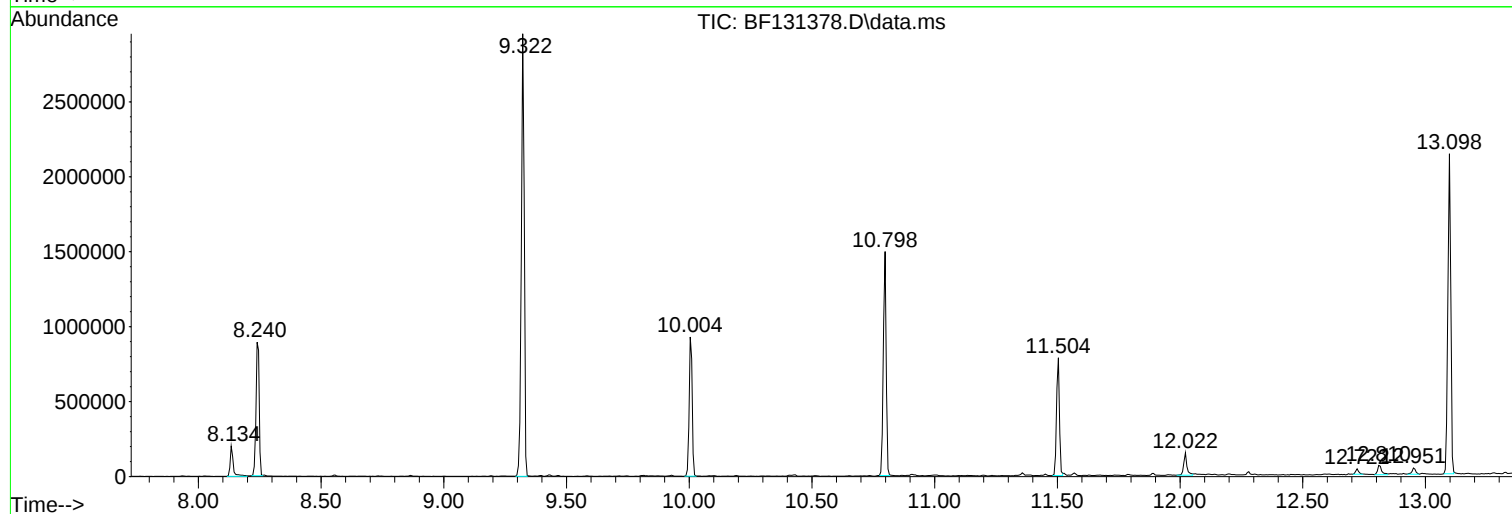
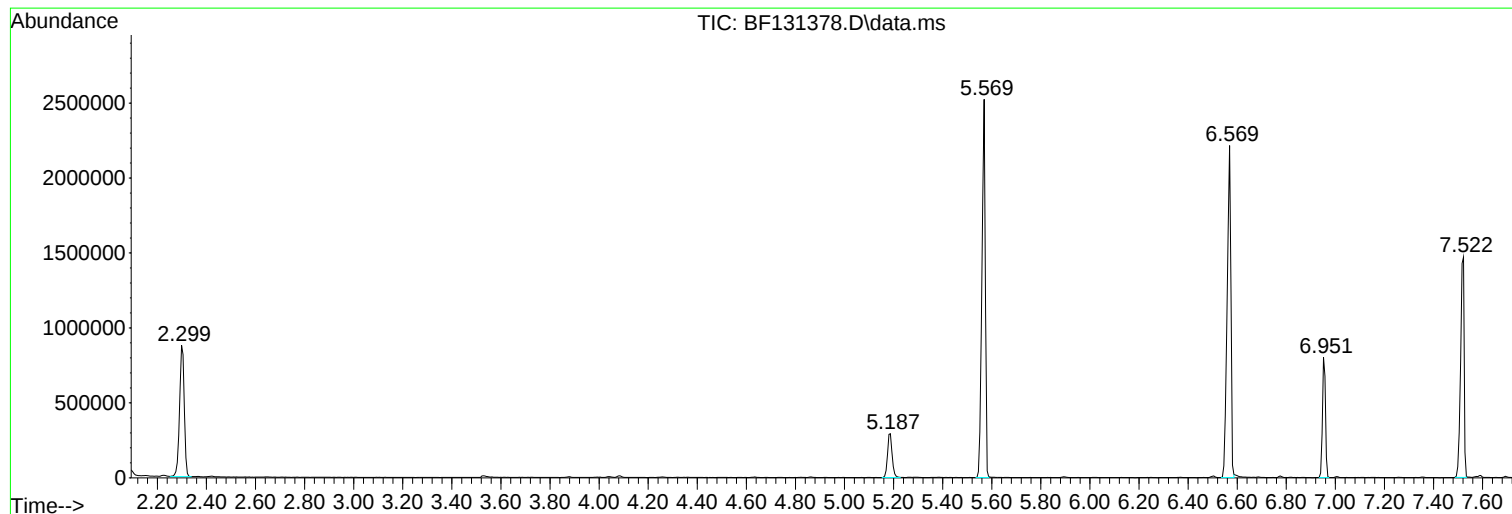
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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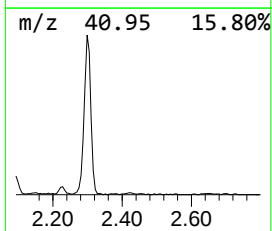
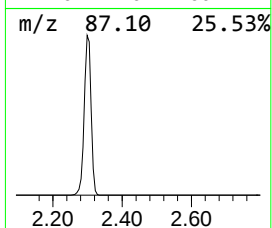
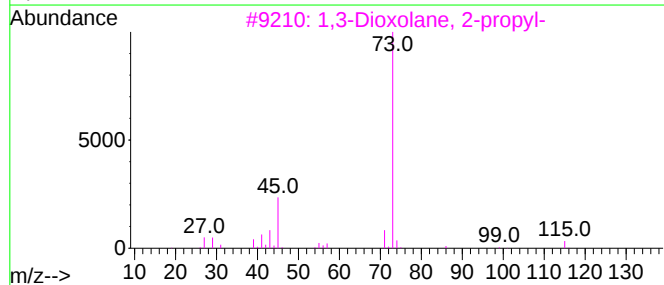
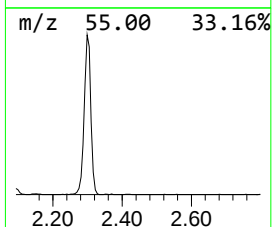
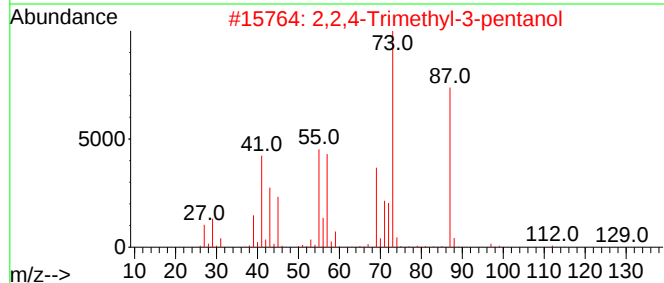
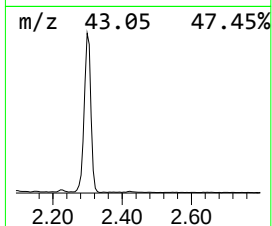
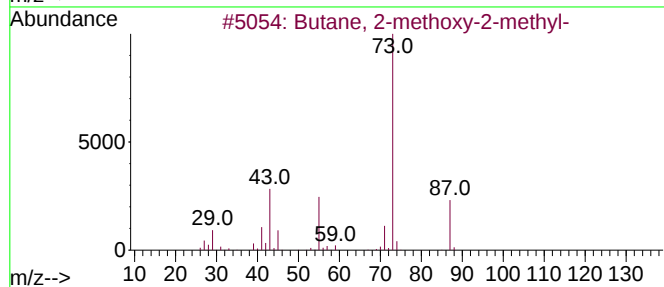
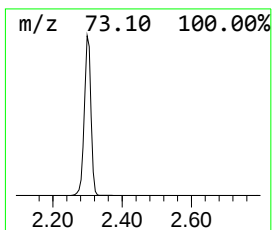
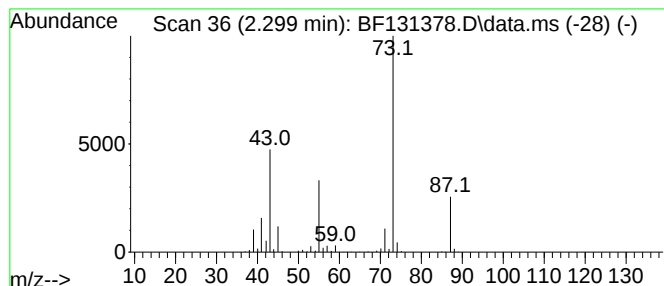
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.299	33.99 ng	1161330	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	40
3			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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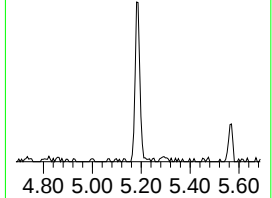
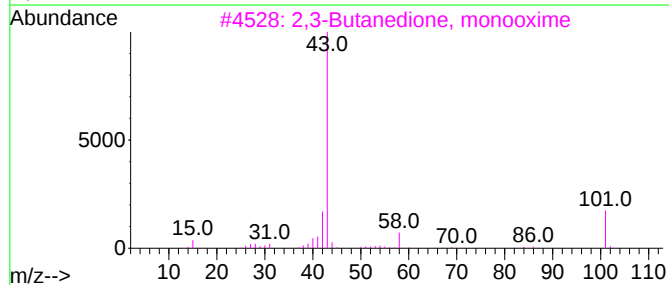
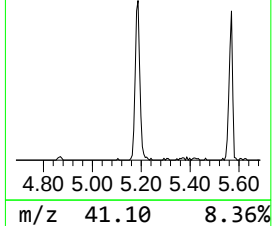
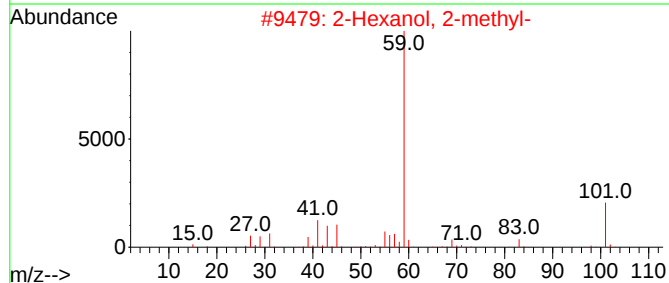
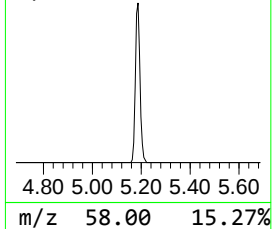
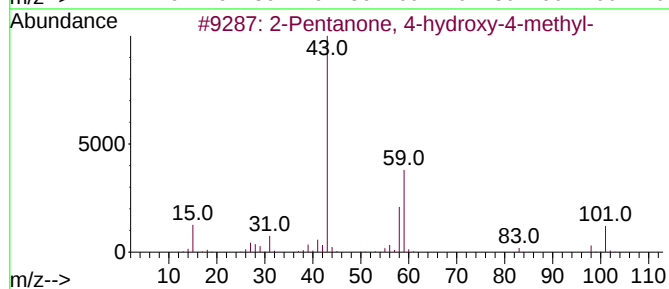
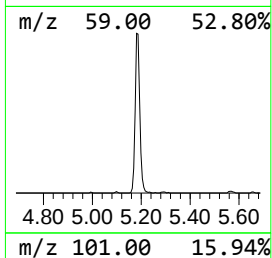
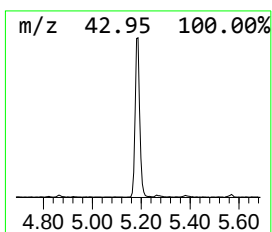
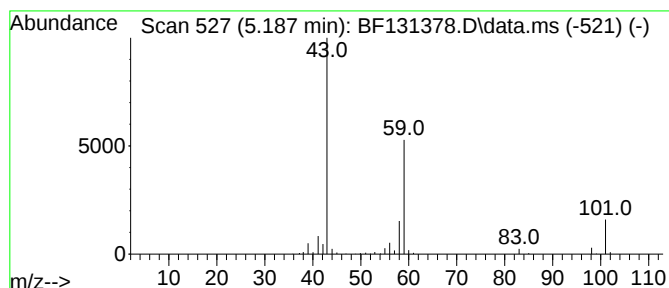
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.187	11.22 ng	383223	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	28
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12



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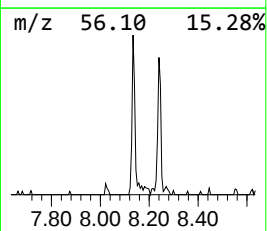
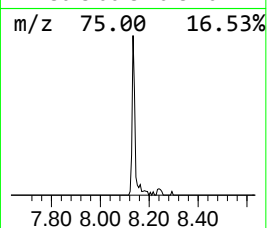
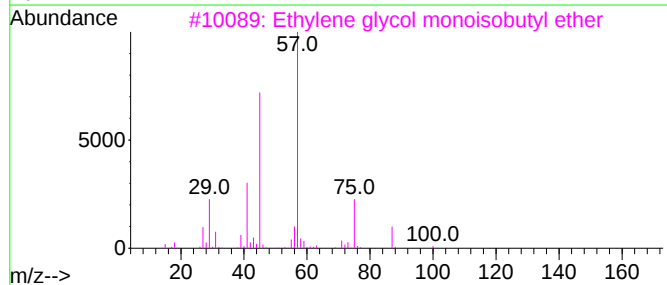
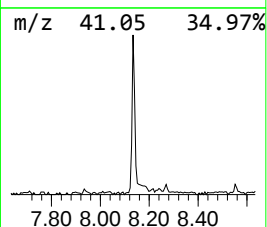
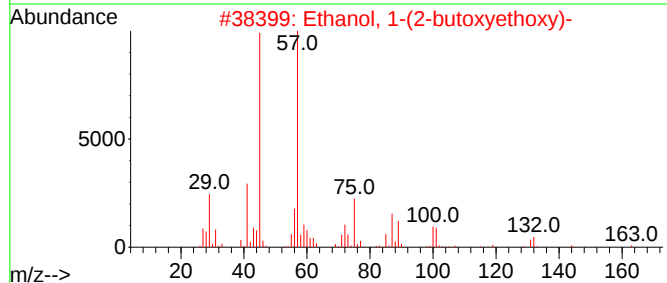
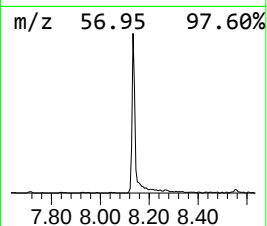
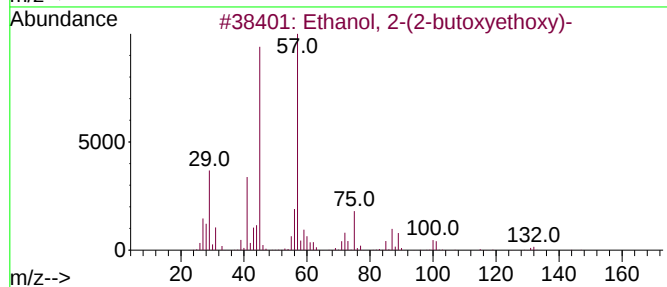
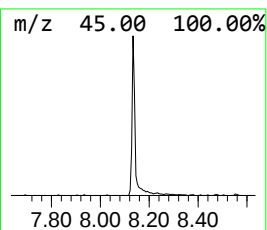
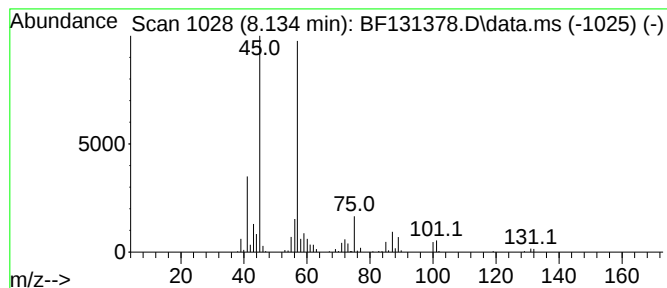
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.134	4.29 ng	173245	Naphthalene-d8	8.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78
3			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
4			DL-Lactamide, butyl ether	145	C7H15NO2	1000452-56-5	53
5			Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	50



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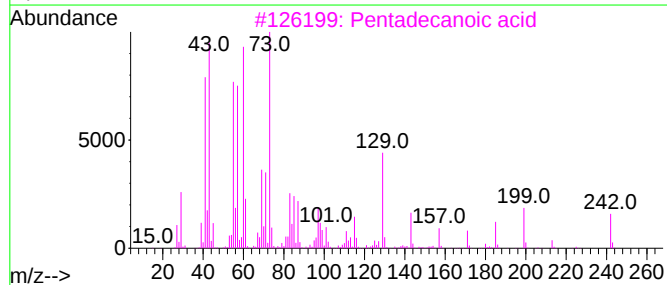
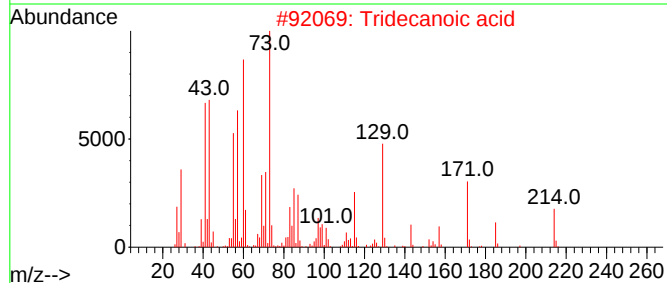
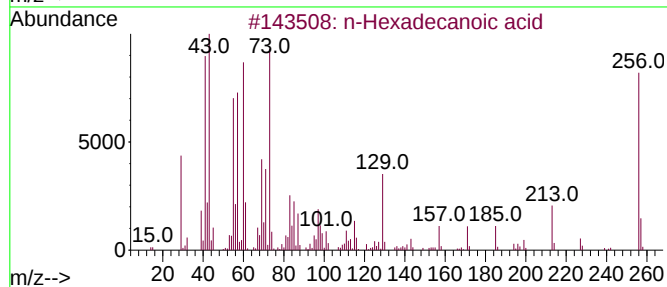
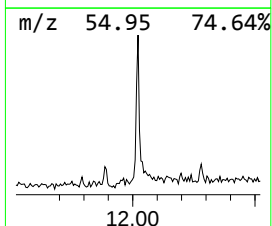
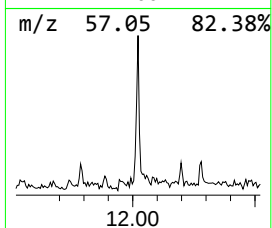
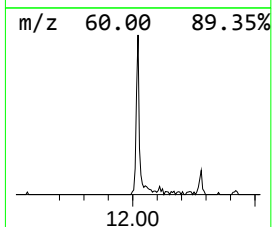
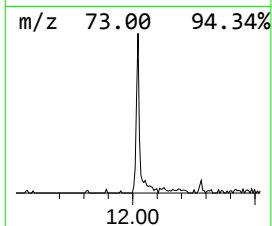
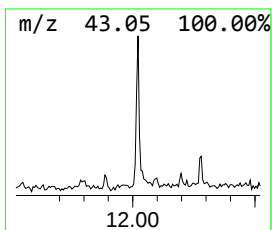
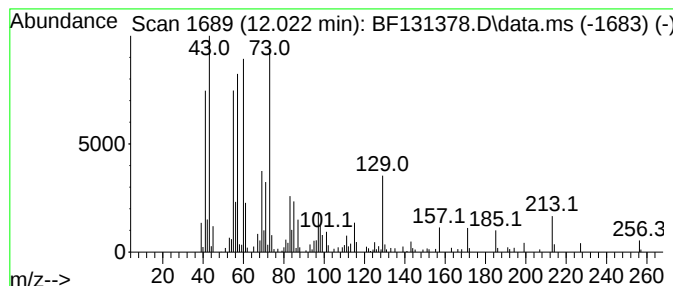
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	4.26 ng	138008	Phenanthrene-d10	11.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5			Undecanoic acid	186	C11H22O2	000112-37-8	64



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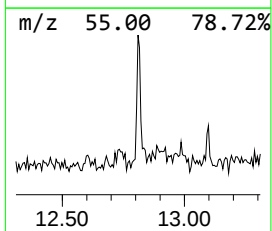
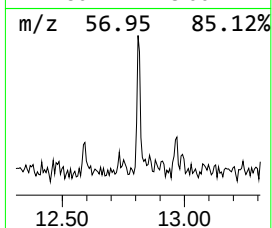
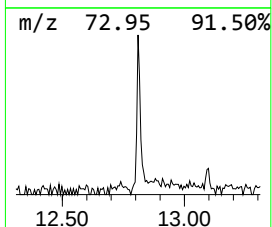
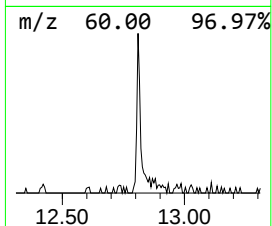
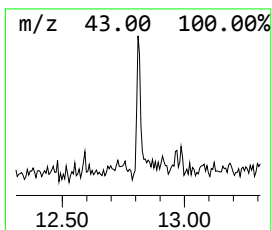
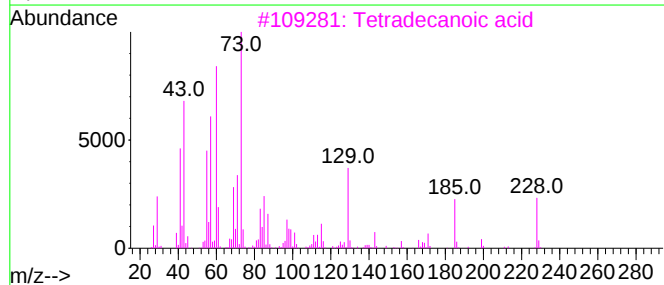
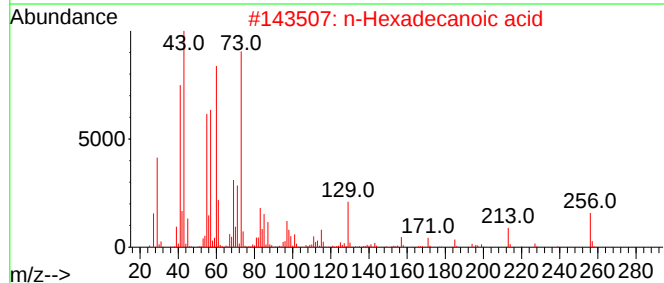
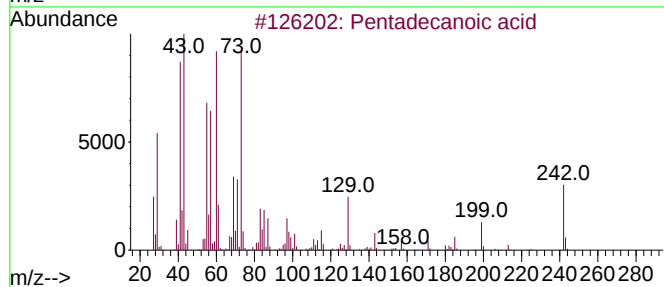
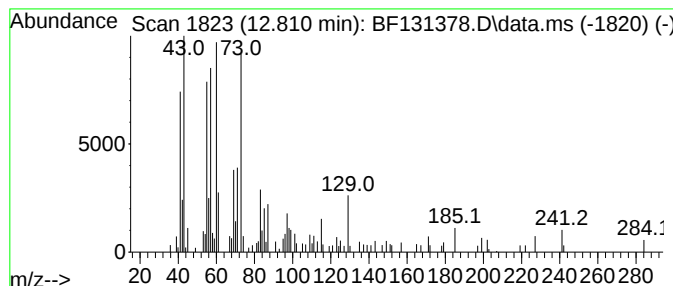
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Pentadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.810	2.28 ng	73797	Phenanthrene-d10	11.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4			Tridecanoic acid	214	C13H26O2	000638-53-9	64
5			Undecanoic acid	186	C11H22O2	000112-37-8	64



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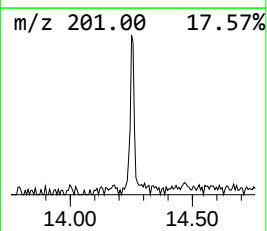
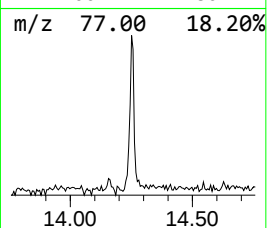
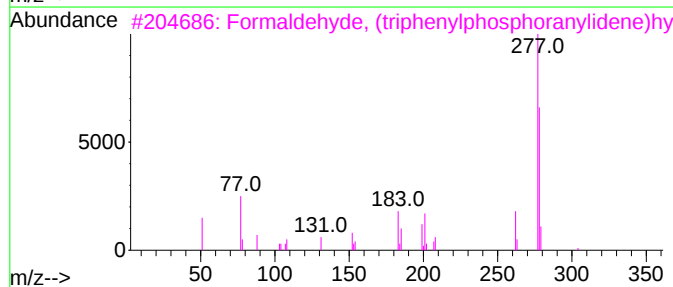
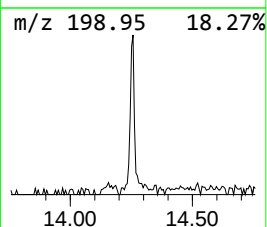
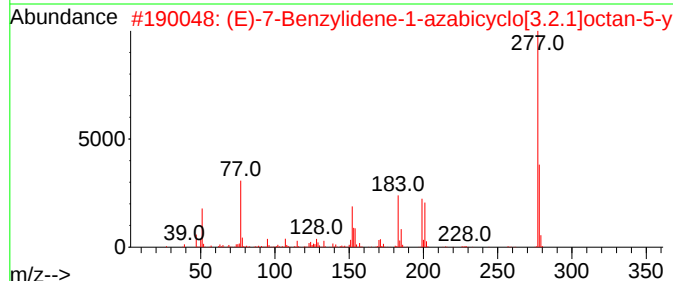
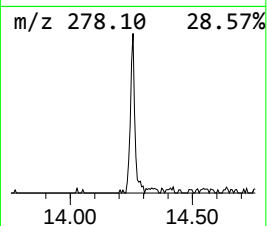
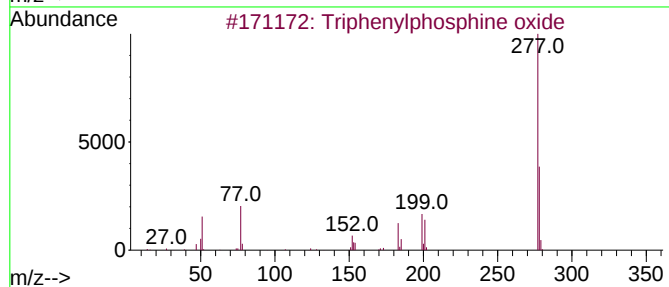
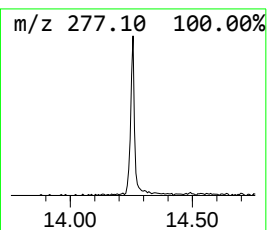
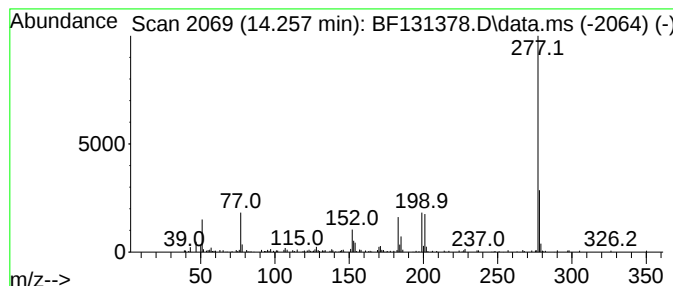
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Triphenylphosphine oxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	4.44 ng	133998	Chrysene-d12	14.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2			(E)-7-Benzylidene-1-azabicyclo[3...]	293	C15H19N03S	1000483-83-4	90
3			Formaldehyde, (triphenylphosphor...]	304	C19H17N2P	015990-54-2	64
4			Vanadium, cycloheptatrienyl-(pen...]	277	C17H22V	1000155-20-5	64
5			(Carbethoxymethyl)-triphenylphos...	428	C22H22Br02P	001530-45-6	56



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131378.D
Acq On : 24 Nov 2022 00:21
Operator : CG\JU
Sample : N5641-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

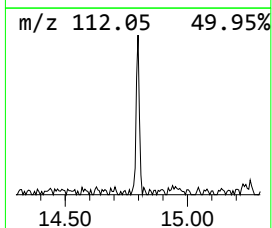
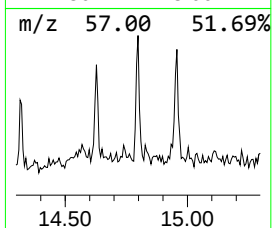
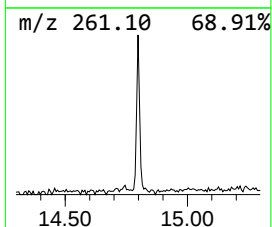
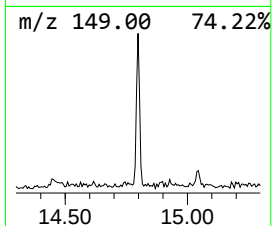
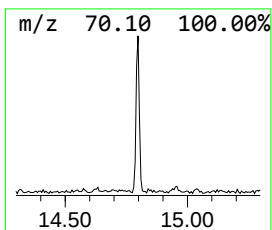
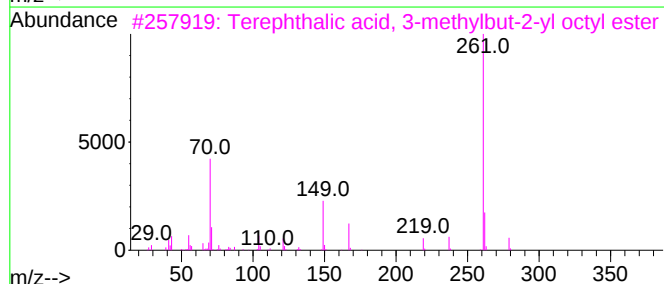
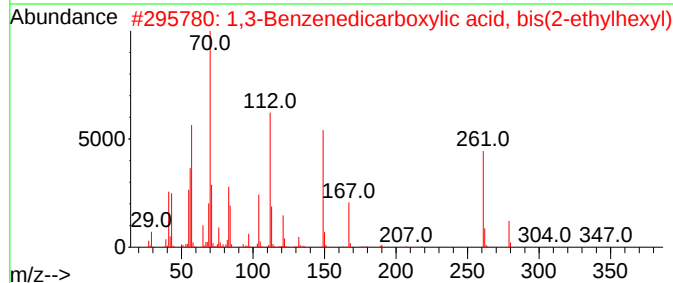
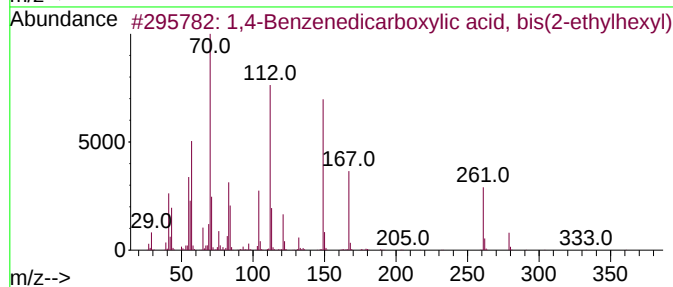
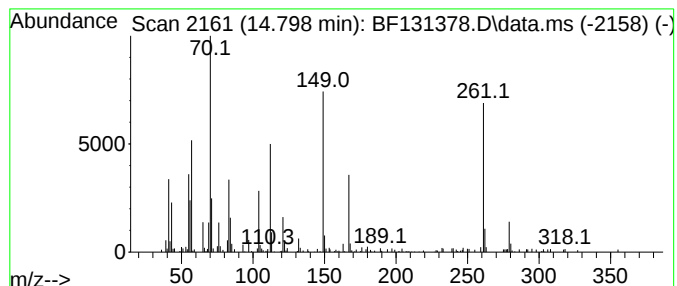
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ClientSampleId :
SOIL-PILE-17

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

Peak Number 7 1,4-Benzenedicarboxylic aci... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.798	3.40 ng	102729	Chrysene-d12	14.157	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	81
2	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	76
3	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	50
4	Isophthalic acid, di(4-octyl) ester	390	C24H38O4	1000344-04-3	43
5	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131378.D
Acq On : 24 Nov 2022 00:21
Operator : CG\JU
Sample : N5641-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-17

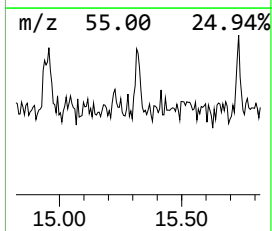
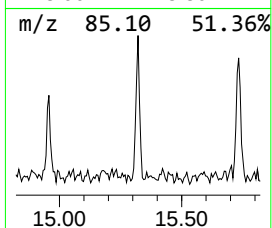
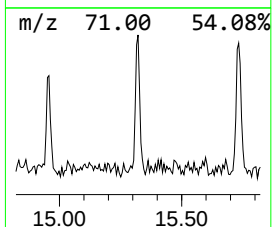
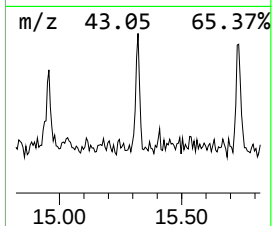
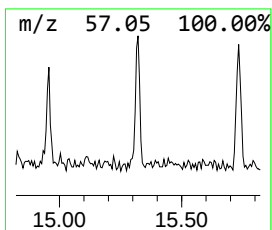
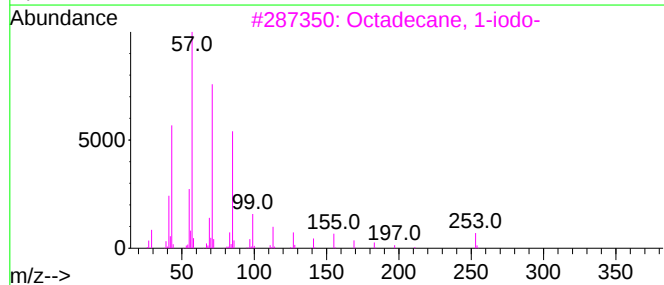
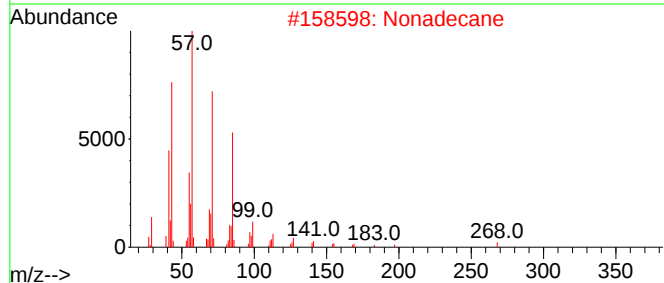
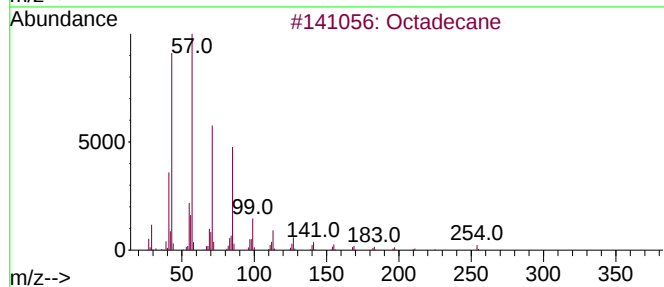
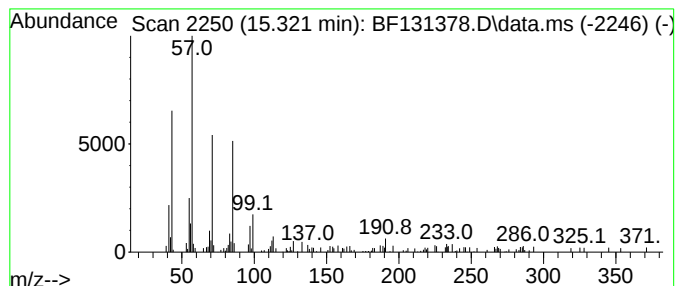
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	2.47 ng	54148	Perylene-d12	15.698

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	90
2		Nonadecane	268	C19H40	000629-92-5	81
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
4		Hexadecane	226	C16H34	000544-76-3	68
5		Heptadecane	240	C17H36	000629-78-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131378.D
Acq On : 24 Nov 2022 00:21
Operator : CG\JU
Sample : N5641-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-17

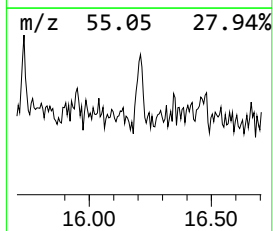
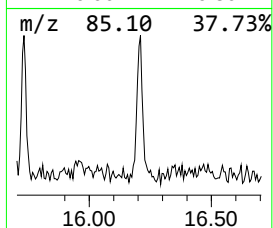
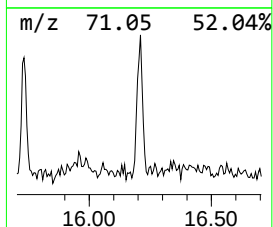
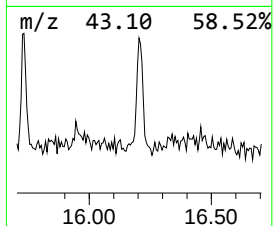
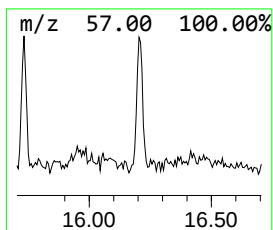
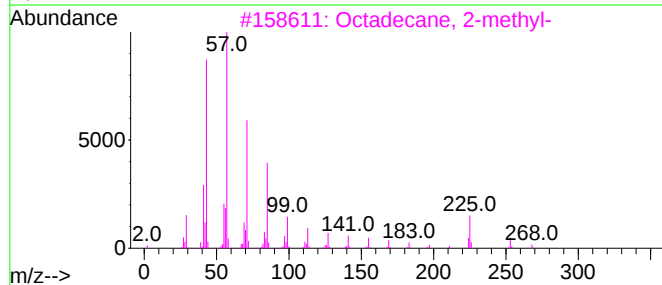
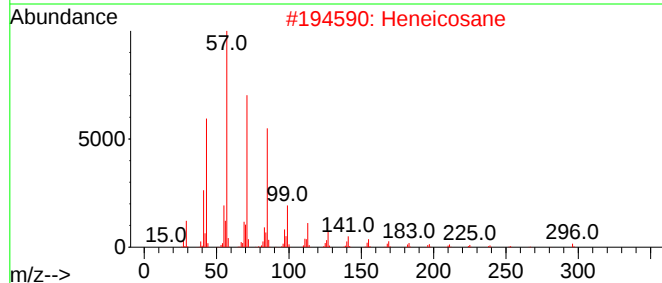
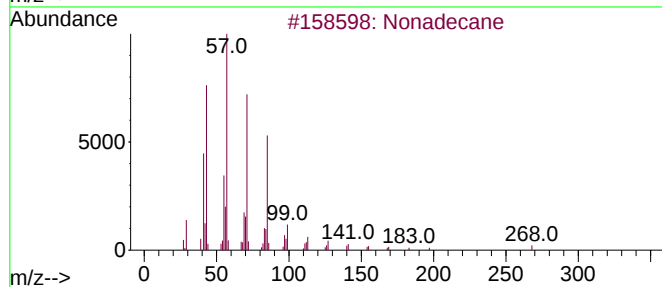
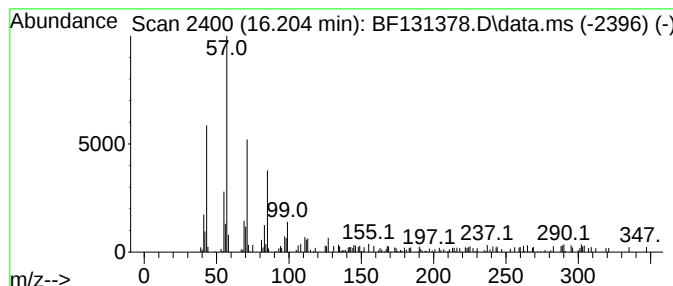
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.204	2.93 ng	64286	Perylene-d12	15.698

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	92
2			Heneicosane	296	C21H44	000629-94-7	90
3			Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
4			Tridecane	184	C13H28	000629-50-5	76
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131378.D
Acq On : 24 Nov 2022 00:21
Operator : CG\JU
Sample : N5641-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-17

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
Butane, 2-metho...	2.299	34.0	ng	1161330	1	6.951	683256	20.0
2-Pentanone, 4-...	5.187	11.2	ng	383223	1	6.951	683256	20.0
Ethanol, 2-(2-b...	8.134	4.3	ng	173245	2	8.245	806976	20.0
n-Hexadecanoic ...	12.022	4.3	ng	138008	4	11.504	647648	20.0
Pentadecanoic acid	12.810	2.3	ng	73797	4	11.504	647648	20.0
Triphenylphosph...	14.257	4.4	ng	133998	5	14.157	604058	20.0
1,4-Benzenedica...	14.798	3.4	ng	102729	5	14.157	604058	20.0
Octadecane	15.321	2.5	ng	54148	6	15.698	438923	20.0
Nonadecane	16.204	2.9	ng	64286	6	15.698	438923	20.0