LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140523.D
Acq On : 21 Nov 2024 01:43
Operator : RC/JU
Sample : P4860-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-008

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-BF111324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140523.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	8	19	rVB	565980	887301	61.31%	8.511%
2	5.093	505	510	519	rVB	18443	27178	1.88%	0.261%
3	5.504	575	580	600	rBV	885077	1187899	82.08%	11.395%
4	6.510	746	751	772	rBV	855290	1143488	79.01%	10.969%
5	6.875	808	813	820	rBV	304504	368132	25.44%	3.531%
6	7.434	902	908	923	rBV	545404	698097	48.24%	6.697%
7	8.157	1025	1031	1048	rBV	292641	398547	27.54%	3.823%
8	9.228	1207	1213	1224	rBV	948844	1235272	85.36%	11.849%
9	9.910	1324	1329	1341	rBV	305433	391627	27.06%	3.757%
10	10.622	1445	1450	1458	rBV	229733	288665	19.95%	2.769%
11	10.698	1458	1463	1478	rVV	536860	716669	49.52%	6.875%
12	10.933	1494	1503	1509	rBV	39421	54734	3.78%	0.525%
13	11.398	1577	1582	1591	rBV	345461	462303	31.94%	4.435%
14	11.922	1664	1671	1679	rBV2	60909	116554	8.05%	1.118%
15	12.416	1751	1755	1759	rBV	14031	21320	1.47%	0.205%
16	12.616	1785	1789	1793	rBV	31985	42024	2.90%	0.403%
17	12.710	1802	1805	1813	rBV3	8401	15793	1.09%	0.151%
18	12.845	1823	1828	1835	rBV	32031	50669	3.50%	0.486%
19	12.986	1846	1852	1860	rBV	1098796	1447201	100.00%	13.882%
20	13.286	1899	1903	1907	rVB5	17972	24755	1.71%	0.237%
21	13.757	1978	1983	1995	rVB5	25198	78344	5.41%	0.752%
22	14.045	2027	2032	2044	rVB	292322	427908	29.57%	4.105%
23	15.533	2280	2285	2297	rVB	175506	340313	23.52%	3.264%

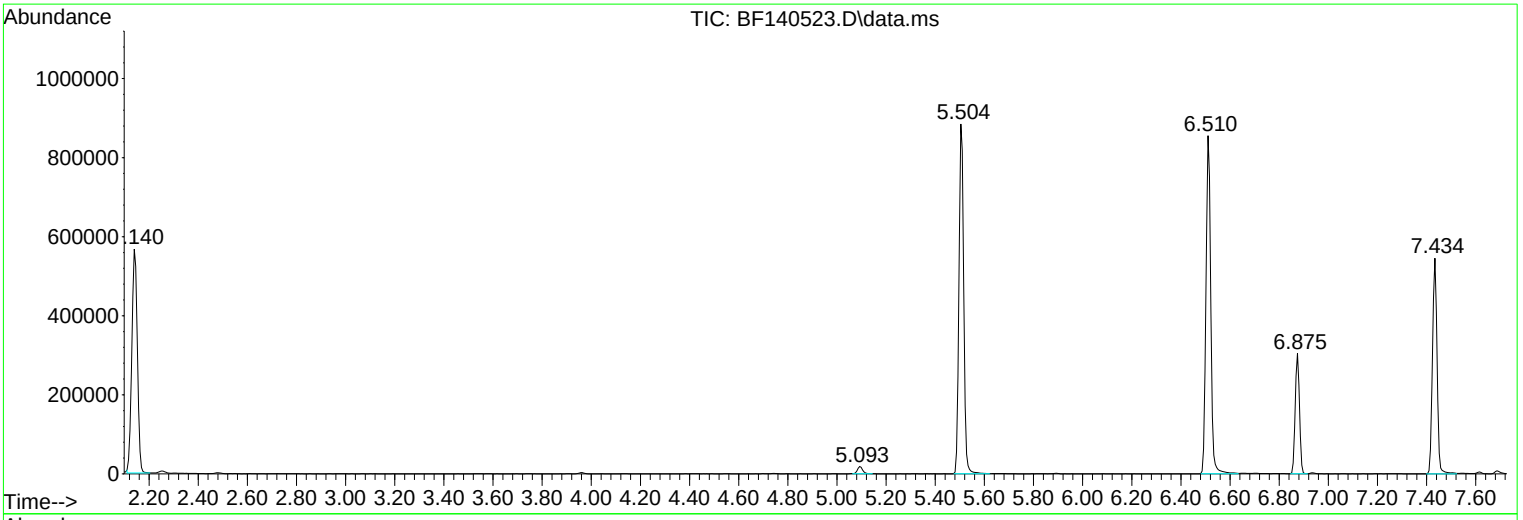
Sum of corrected areas: 10424793

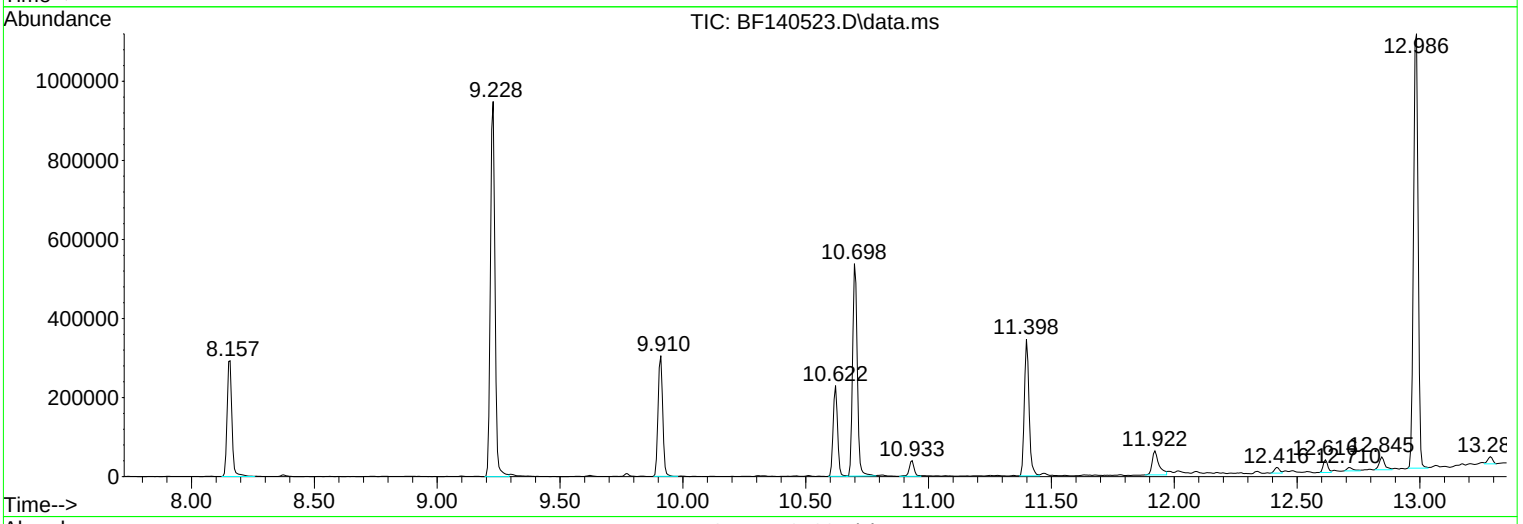
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140523.D
Acq On : 21 Nov 2024 01:43
Operator : RC/JU
Sample : P4860-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

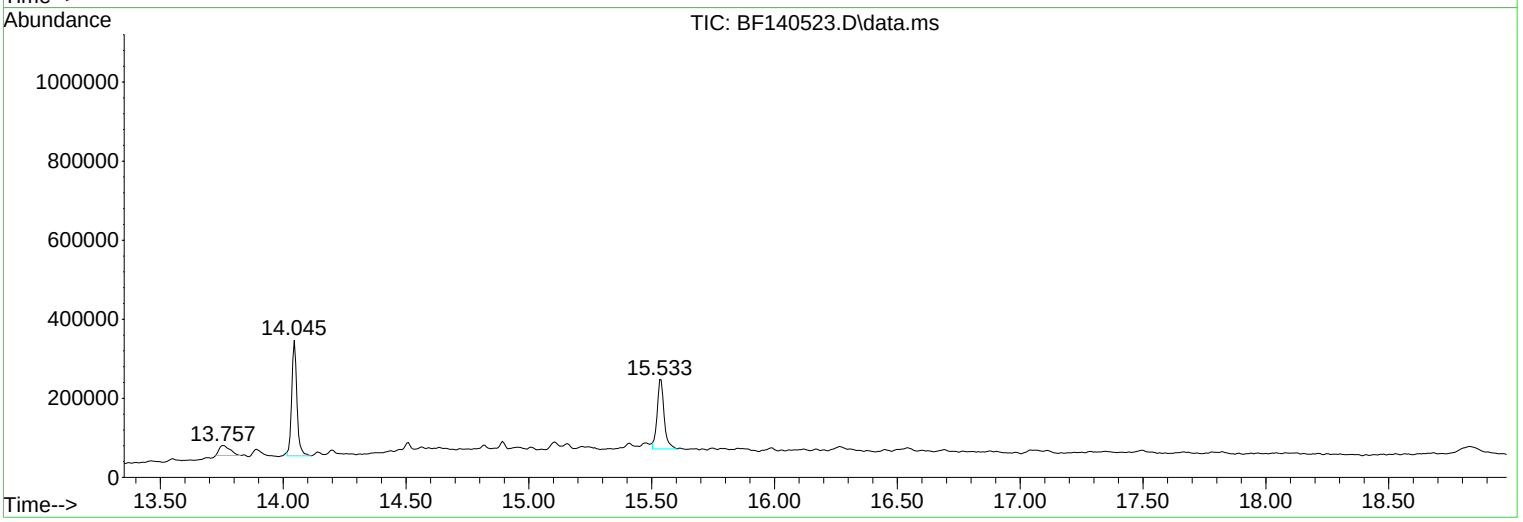
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-008

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140523.D
Acq On : 21 Nov 2024 01:43
Operator : RC/JU
Sample : P4860-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-008

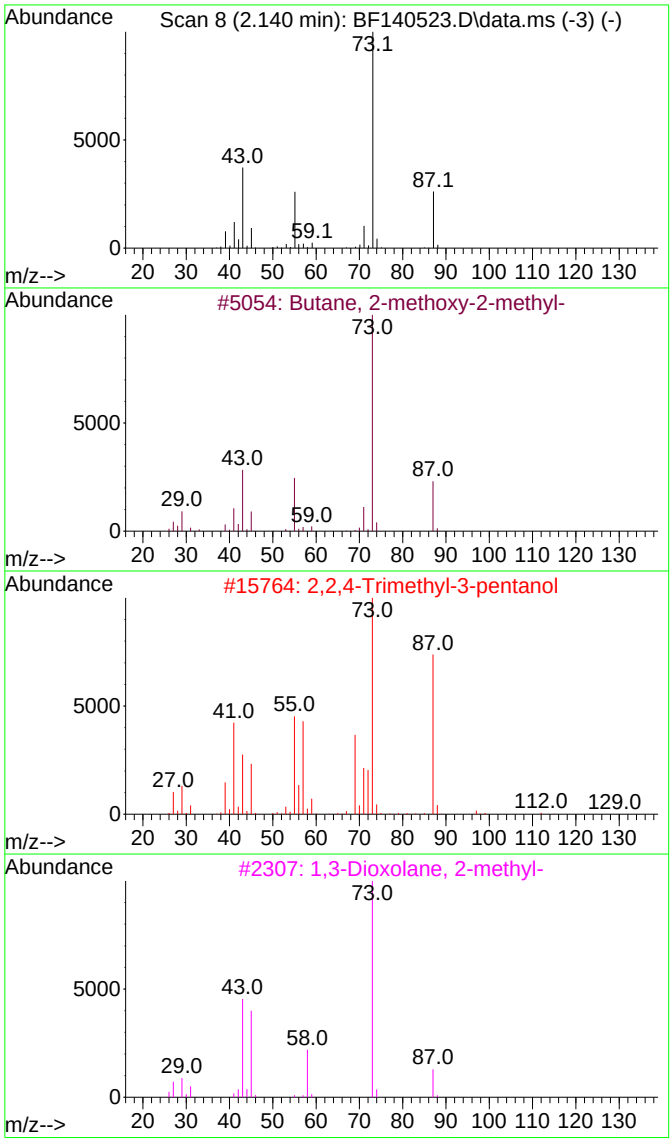
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

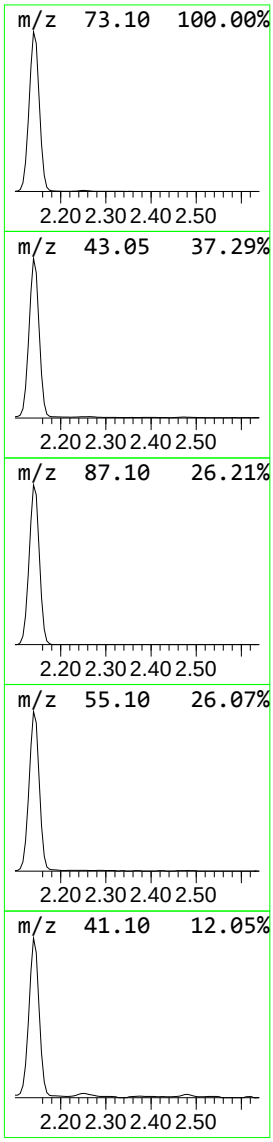
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	48.21 ng	887301	1,4-Dichlorobenzene-d4	6.875

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	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140523.D
Acq On : 21 Nov 2024 01:43
Operator : RC/JU
Sample : P4860-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-008

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

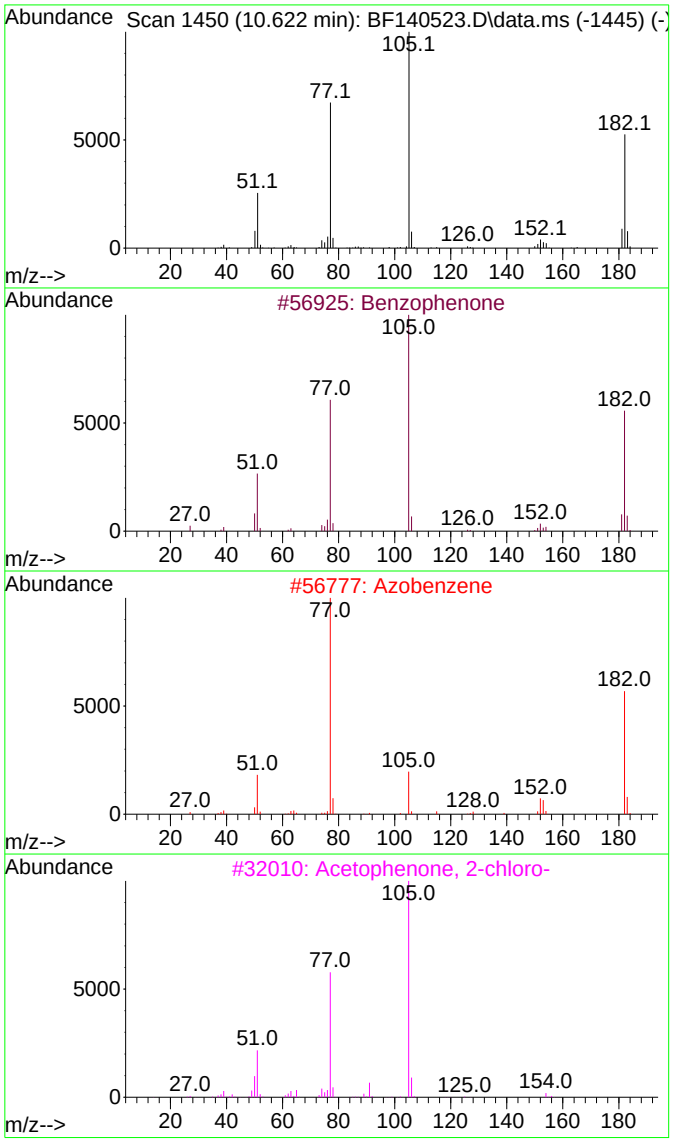
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

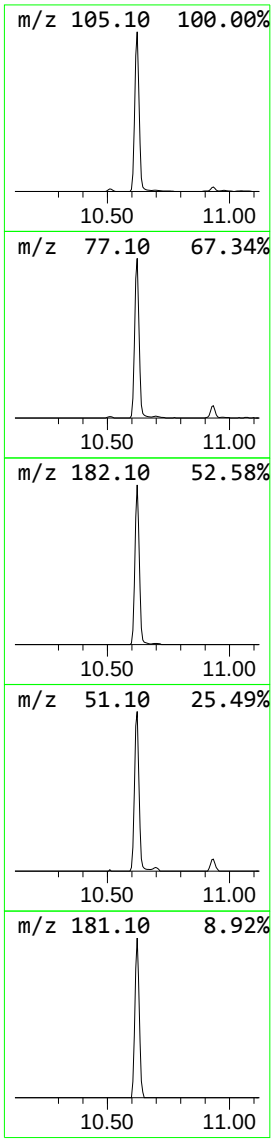
****

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	14.74 ng	288665	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	72
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	49
5	Vinyl benzoate	148	C9H8O2	000769-78-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140523.D
Acq On : 21 Nov 2024 01:43
Operator : RC/JU
Sample : P4860-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-008

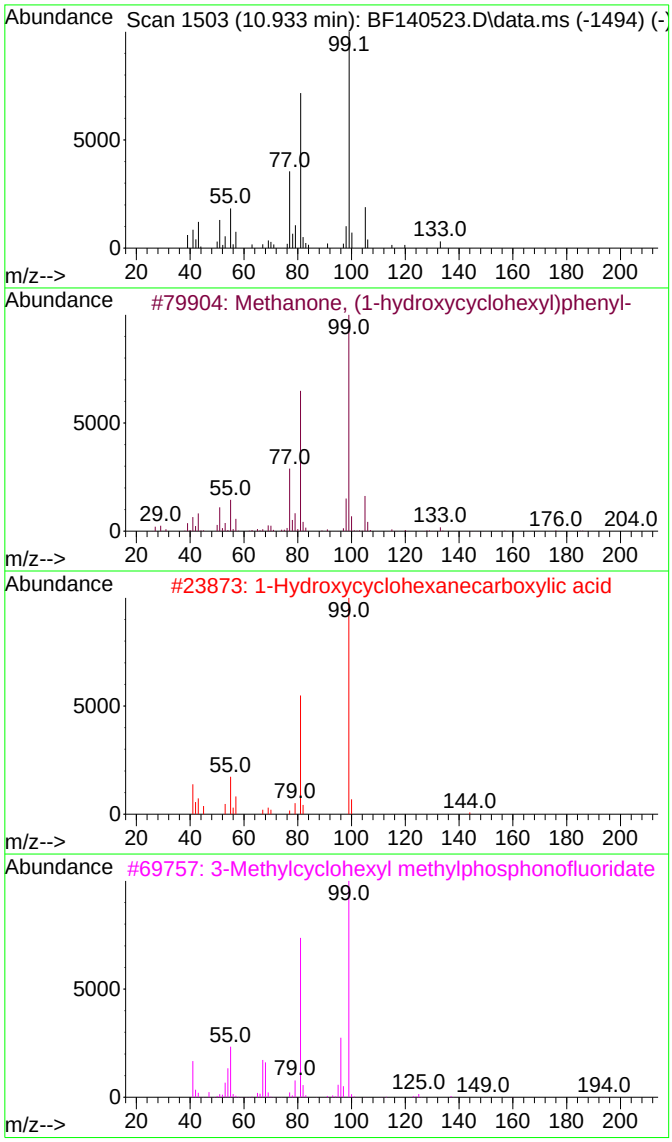
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

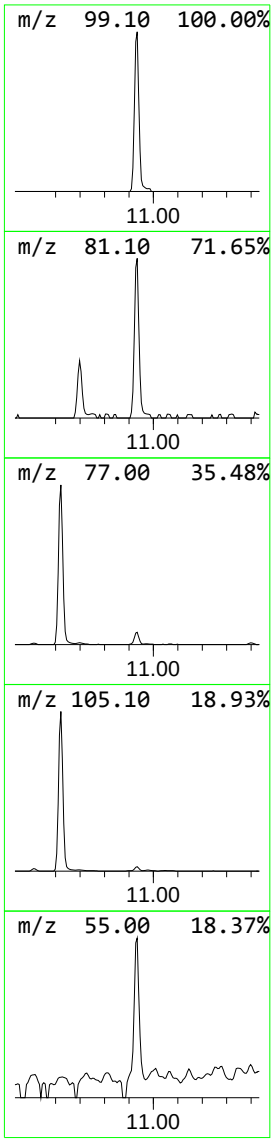
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Methanone, (1-hydroxycycloh... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.933	2.37 ng	54734	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanone, (1-hydroxycyclohexyl)...	204	C13H16O2	000947-19-3	86
2	1-Hydroxycyclohexanecarboxylic acid	144	C7H12O3	001123-28-0	50
3	3-Methylcyclohexyl methylphospho...	194	C8H16FO2P	113548-86-0	38
4	Cyclohexanol, 1-ethyl-	128	C8H16O	001940-18-7	33
5	Cyclohexanol, 1-(aminomethyl)-	129	C7H15NO	004000-72-0	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140523.D
Acq On : 21 Nov 2024 01:43
Operator : RC/JU
Sample : P4860-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-008

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

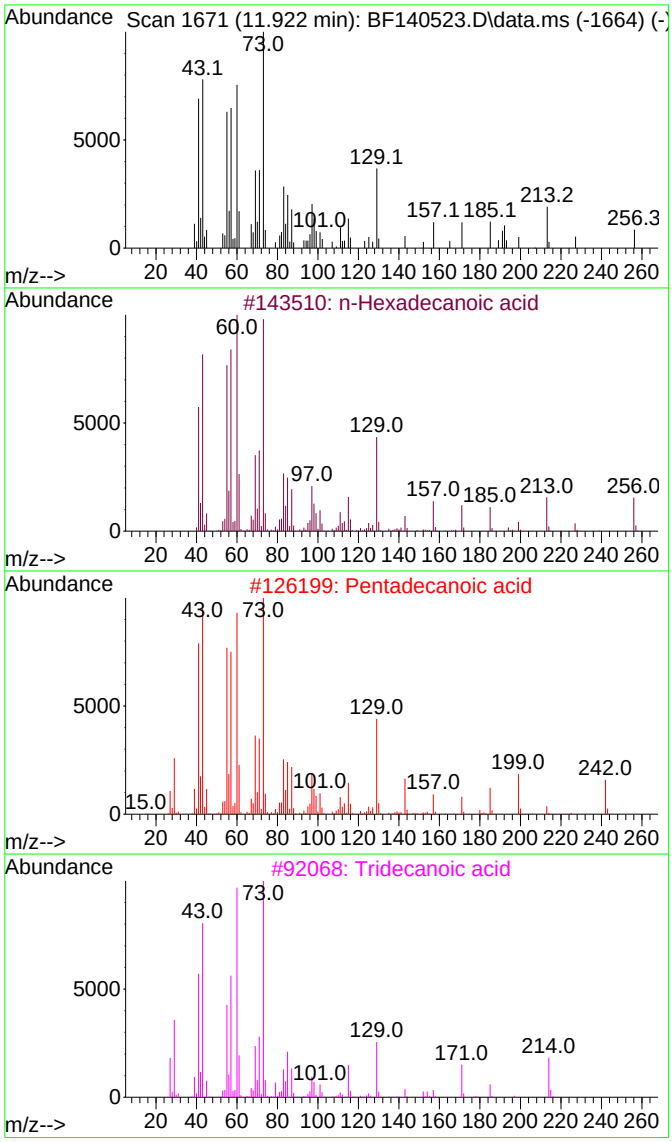
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

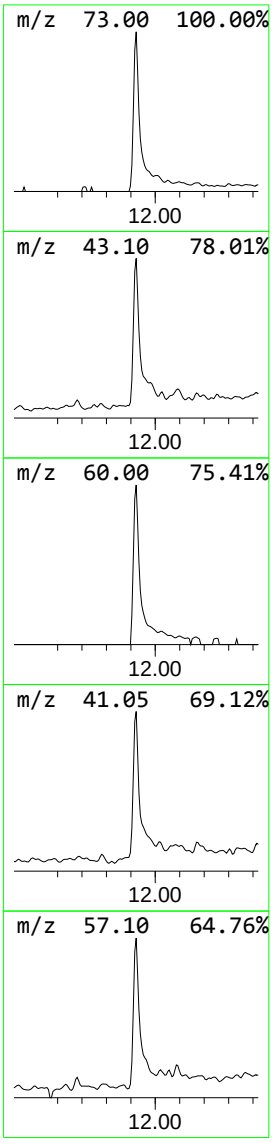
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	5.04 ng	116554	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140523.D
Acq On : 21 Nov 2024 01:43
Operator : RC/JU
Sample : P4860-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-008

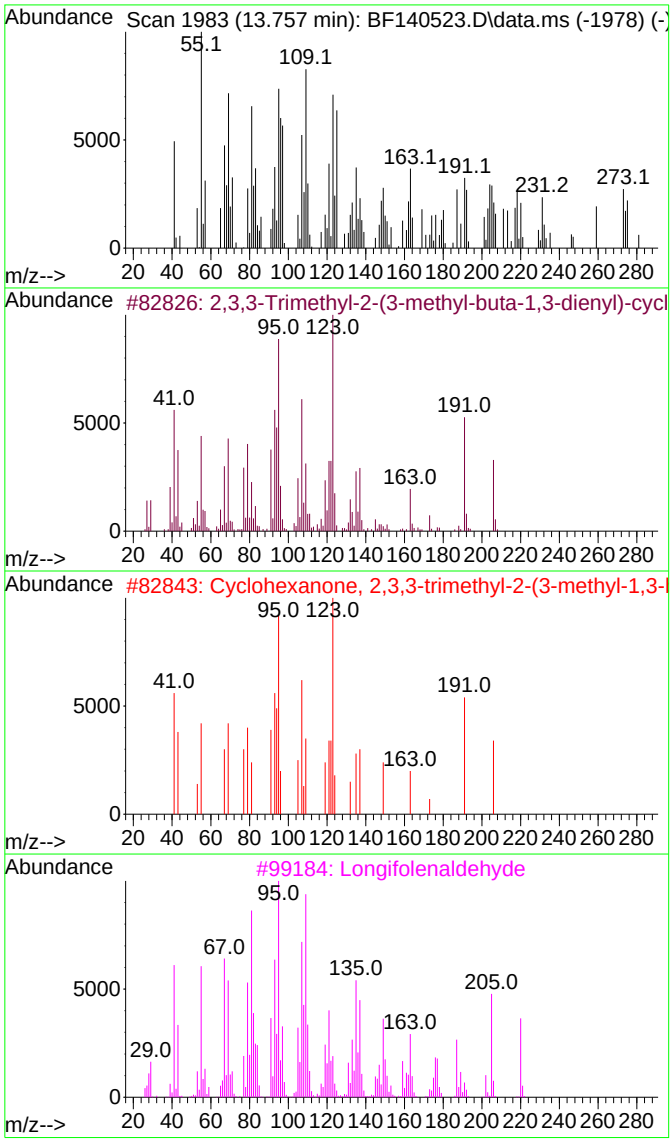
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

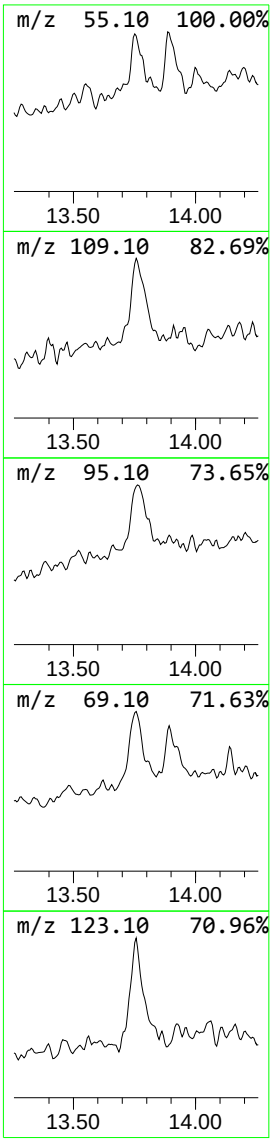
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2,3,3-Trimethyl-2-(3-methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	3.66 ng	78344	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	64
2	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	64
3	Longifolenaldehyde	220	C15H24O	019890-84-7	55
4	4-(1,3,3-Trimethyl-bicyclo[4.1.0...	206	C14H22O	077143-31-8	52
5	2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140523.D
Acq On : 21 Nov 2024 01:43
Operator : RC/JU
Sample : P4860-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-008

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.140	48.2	ng	887301	1	6.875	368132	20.0
Benzophenone	10.622	14.7	ng	288665	3	9.910	391627	20.0
Methanone, (1-h...	10.933	2.4	ng	54734	4	11.398	462303	20.0
n-Hexadecanoic ...	11.922	5.0	ng	116554	4	11.398	462303	20.0
2,3,3-Trimethyl...	13.757	3.7	ng	78344	5	14.045	427908	20.0