LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143388.D
Acq On : 14 Aug 2025 18:26
Operator : RC/JU
Sample : Q2814-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-38M-N

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-BF081225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143388.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.281	6	15	30	rVB	2379732	3960109	97.03%	13.958%
2	5.163	499	505	521	rVB	284953	413099	10.12%	1.456%
3	5.569	568	574	597	rBV	1809944	2376546	58.23%	8.377%
4	6.563	737	743	762	rBV	1476508	2045969	50.13%	7.211%
5	6.934	801	806	813	rBV	702078	868892	21.29%	3.063%
6	7.486	891	900	911	rBV	1715986	2462006	60.33%	8.678%
7	8.210	1018	1023	1040	rBV	844665	1162307	28.48%	4.097%
8	9.286	1200	1206	1211	rBV	3162380	4081173	100.00%	14.385%
9	9.333	1211	1214	1222	rVB2	27071	49182	1.21%	0.173%
10	9.969	1316	1322	1333	rBV	1015077	1289771	31.60%	4.546%
11	10.345	1381	1386	1389	rBV	51251	64307	1.58%	0.227%
12	10.680	1437	1443	1450	rBV	455087	590090	14.46%	2.080%
13	10.757	1450	1456	1472	rBV	1826403	2443736	59.88%	8.613%
14	11.457	1569	1575	1582	rBV	900156	1166461	28.58%	4.111%
15	11.980	1659	1664	1678	rBV2	158621	301400	7.39%	1.062%
16	12.763	1793	1797	1806	rBV	29773	53264	1.31%	0.188%
17	13.039	1838	1844	1849	rBV	2630961	3405260	83.44%	12.003%
18	13.939	1992	1997	2013	rBV	64500	152447	3.74%	0.537%
19	14.098	2016	2024	2034	rVV	509858	710215	17.40%	2.503%
20	15.592	2272	2278	2289	rBV	463055	774816	18.99%	2.731%

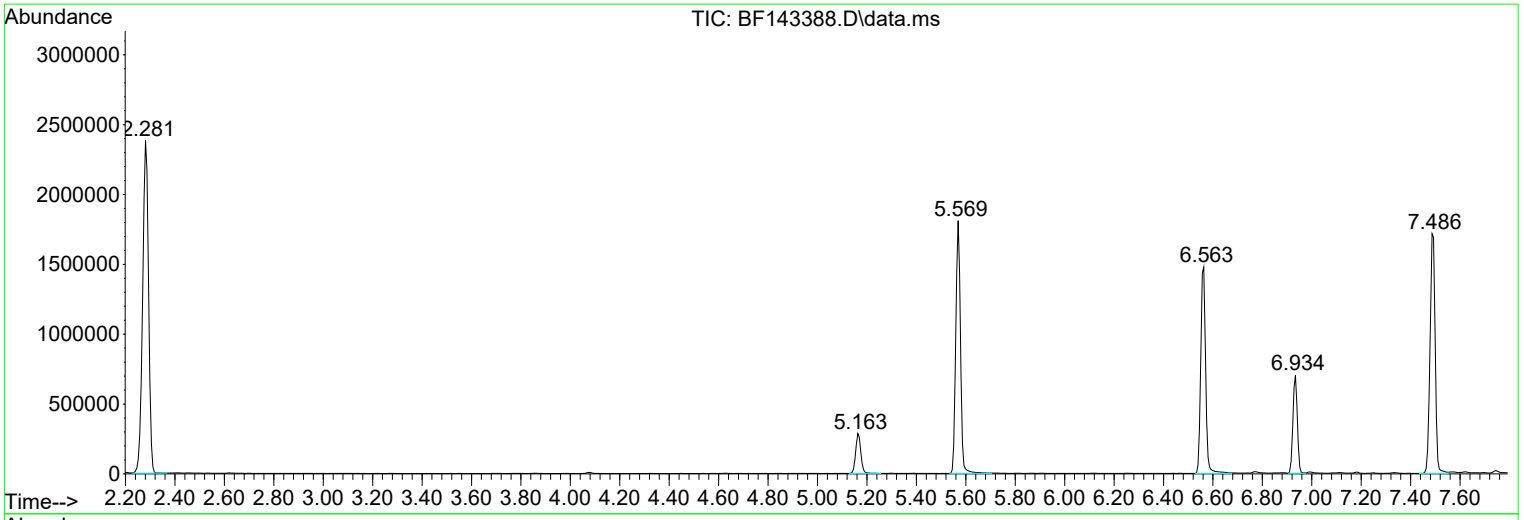
Sum of corrected areas: 28371050

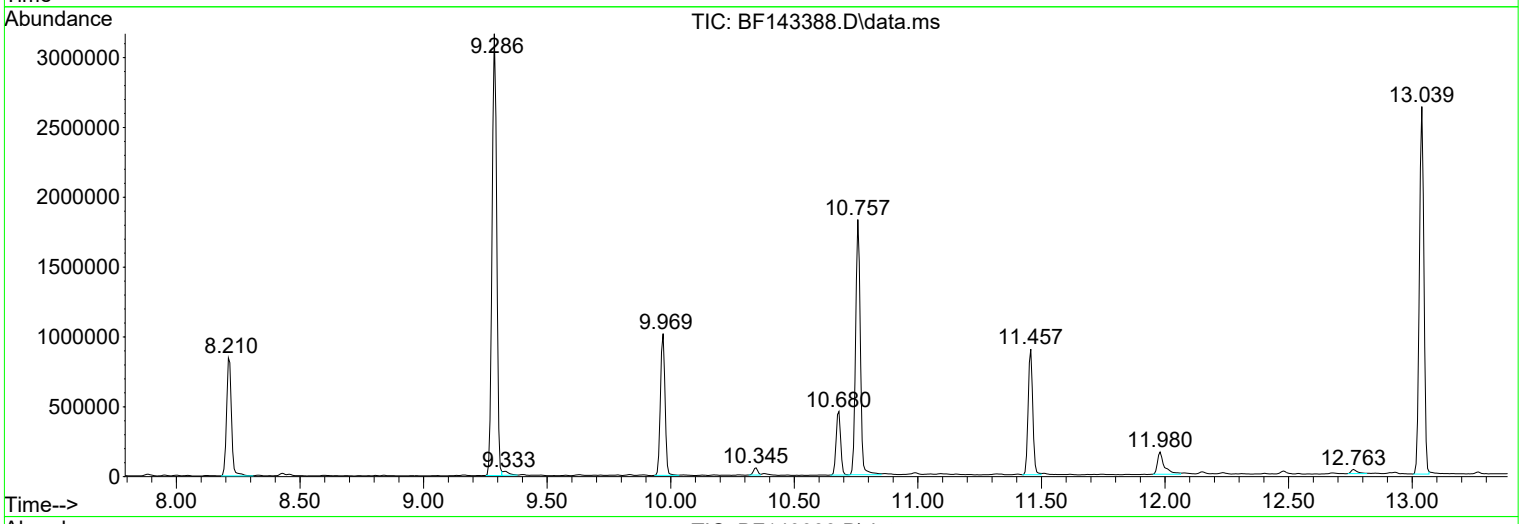
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143388.D
Acq On : 14 Aug 2025 18:26
Operator : RC/JU
Sample : Q2814-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

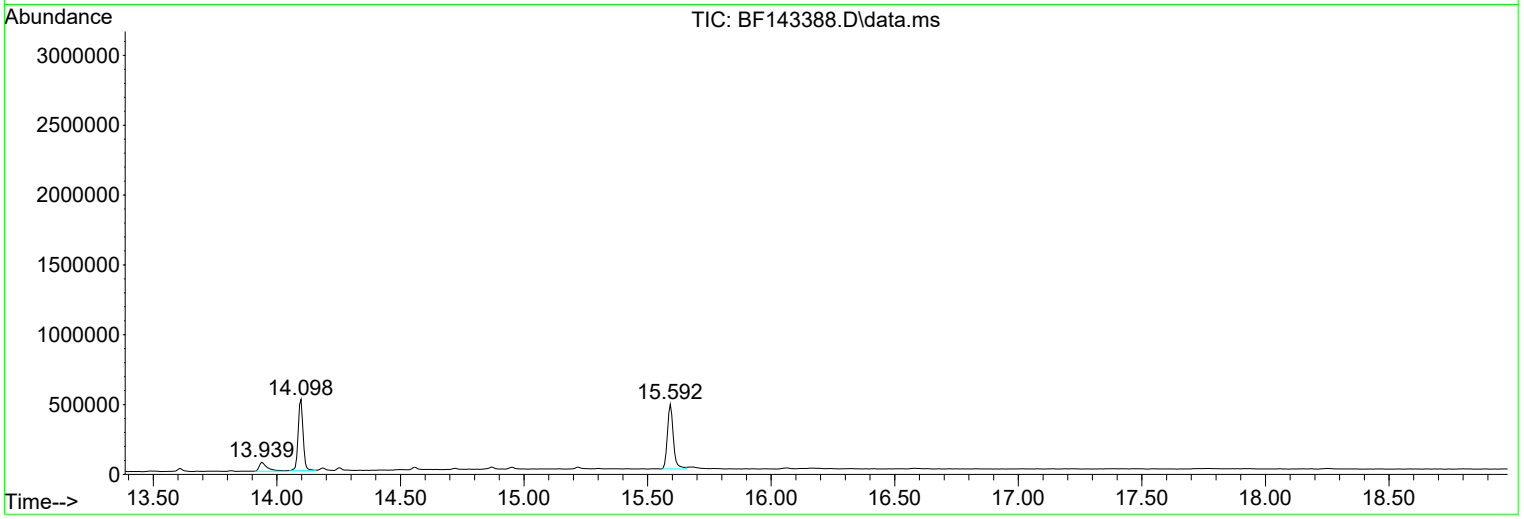
Instrument :
BNA_F
ClientSampleId :
TW-38M-N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.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\BF081425\
Data File : BF143388.D
Acq On : 14 Aug 2025 18:26
Operator : RC/JU
Sample : Q2814-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-38M-N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

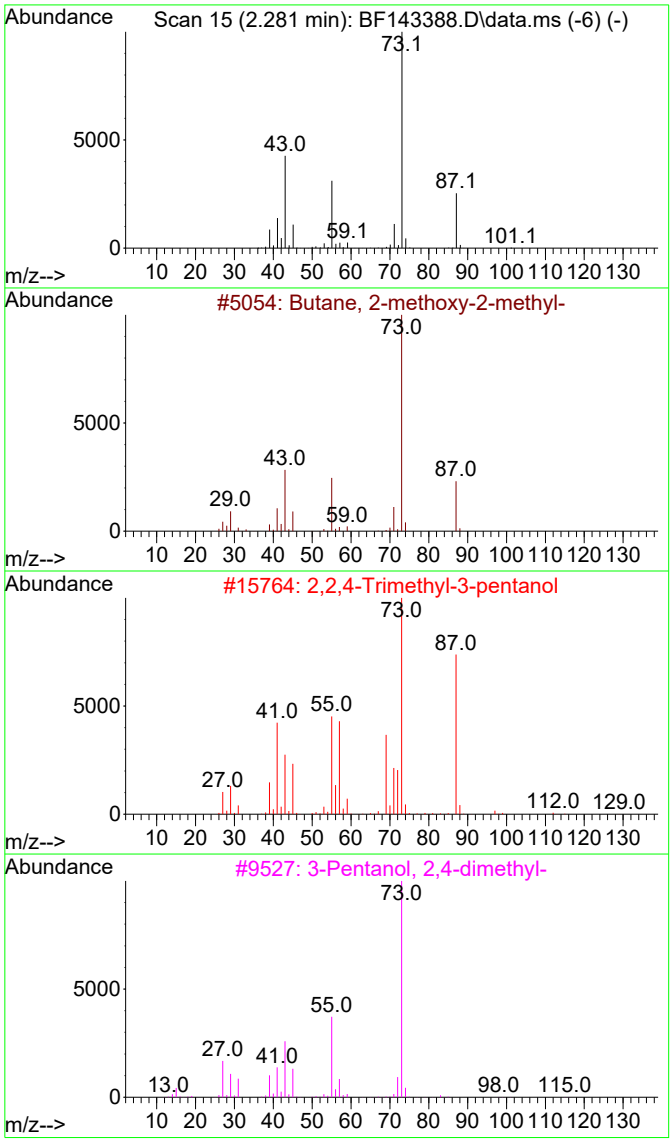
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

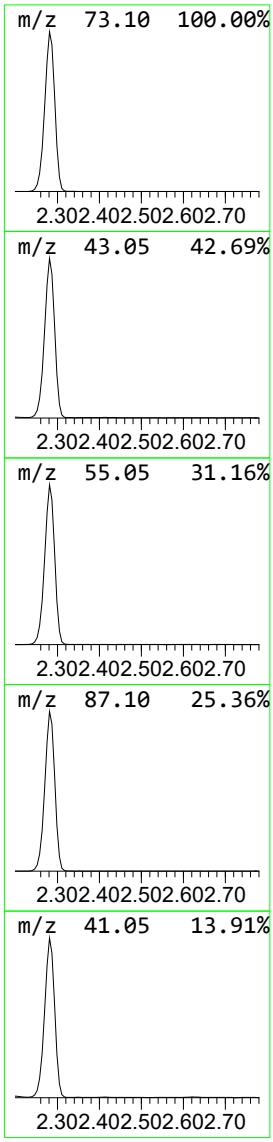
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.281	91.15 ng	3960110	1,4-Dichlorobenzene-d4	6.934

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	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143388.D
Acq On : 14 Aug 2025 18:26
Operator : RC/JU
Sample : Q2814-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-38M-N

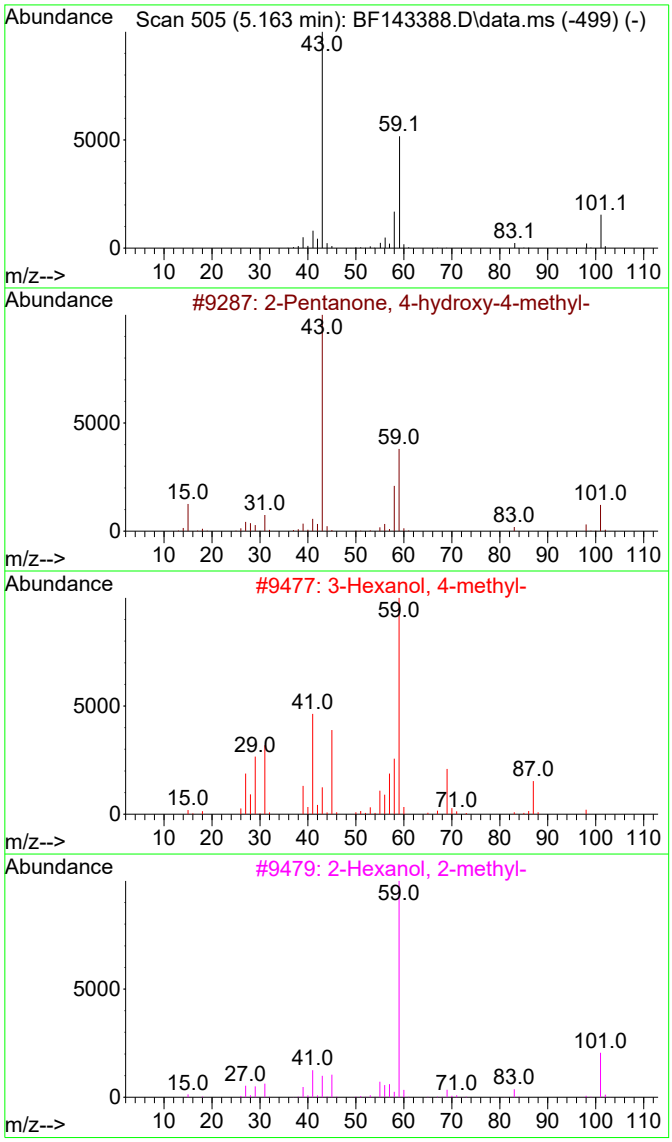
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

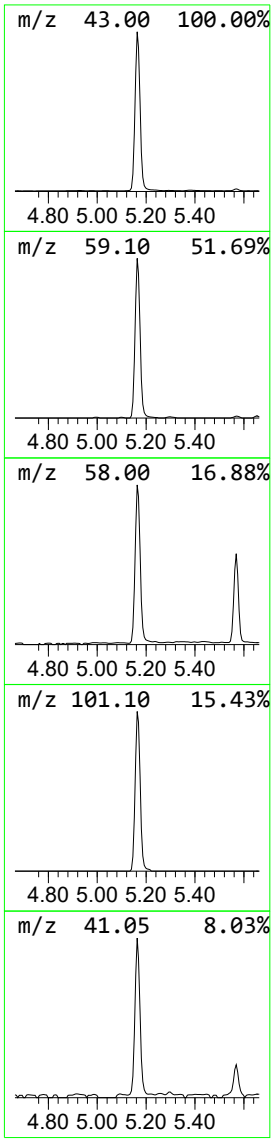
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.163	9.51 ng	413099	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	32
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143388.D
Acq On : 14 Aug 2025 18:26
Operator : RC/JU
Sample : Q2814-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-38M-N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

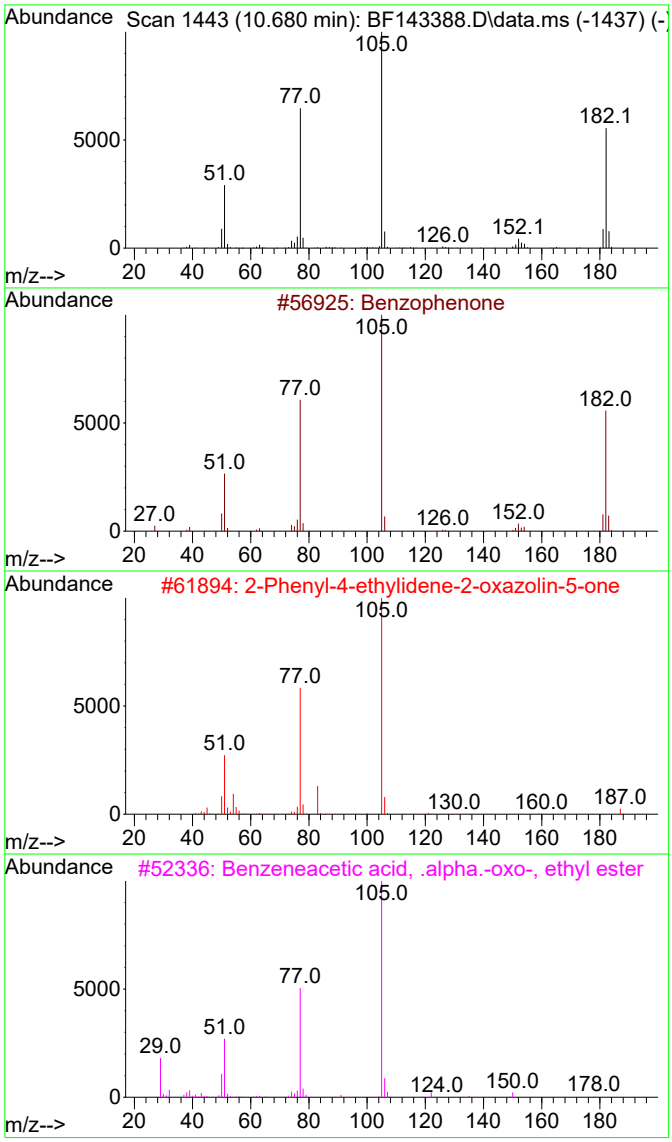
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

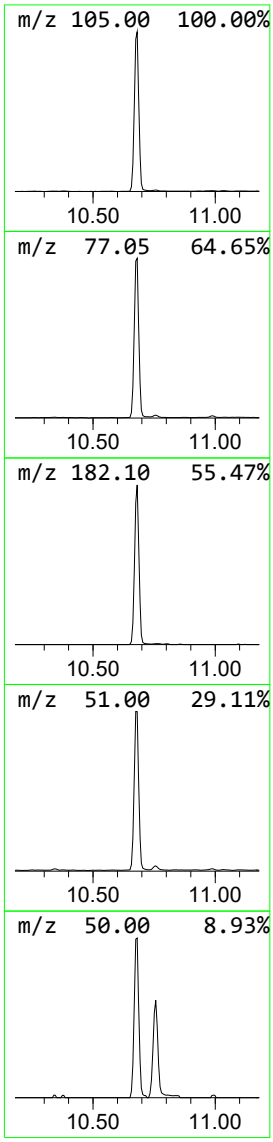
****

Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.680	9.15 ng	590090	Acenaphthene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	47
3	Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	47
4	Vinyl benzoate	148	C9H8O2	000769-78-8	47
5	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143388.D
Acq On : 14 Aug 2025 18:26
Operator : RC/JU
Sample : Q2814-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-38M-N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

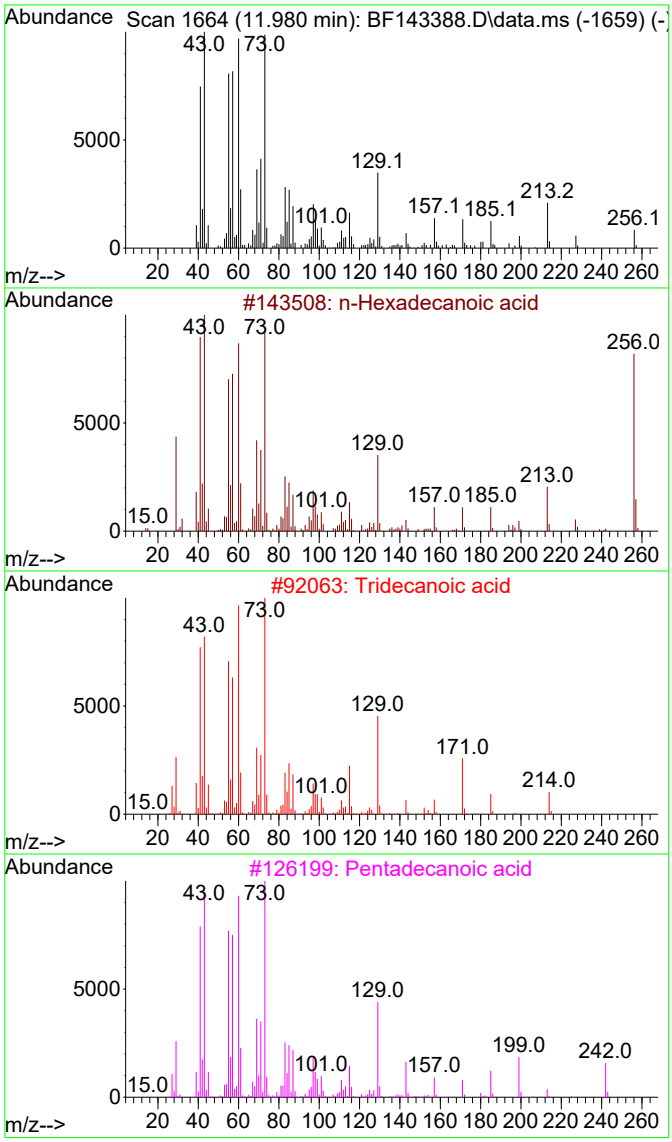
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

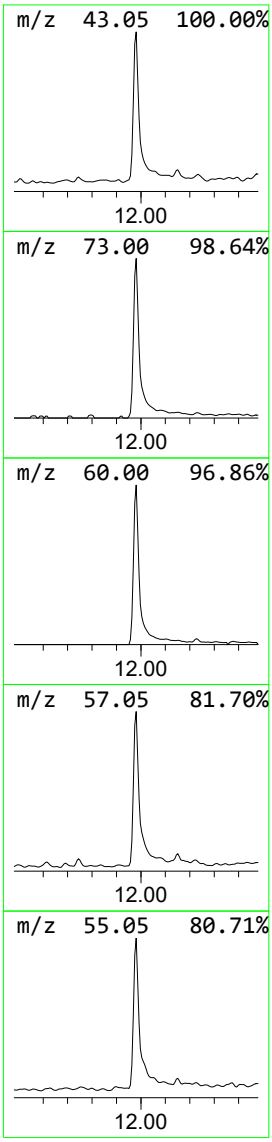
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	5.17 ng	301400	Phenanthrene-d10	11.457

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	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143388.D
Acq On : 14 Aug 2025 18:26
Operator : RC/JU
Sample : Q2814-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-38M-N

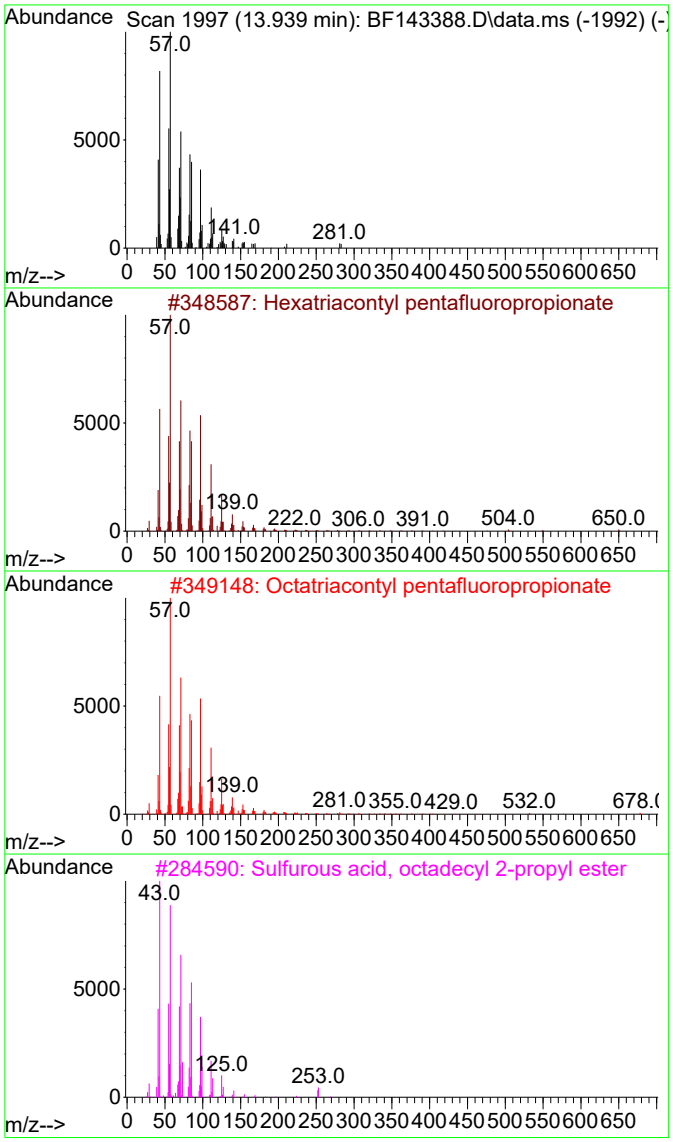
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

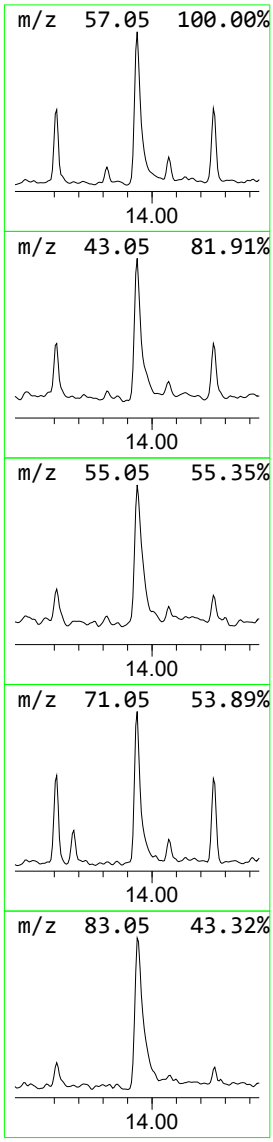
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexatriacontyl pentafluorop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.939	4.29 ng	152447	Chrysene-d12	14.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	91
2	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	91
3	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	90
4	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	83
5	Isobutyl tetracosyl ether	410	C28H58O	1000406-33-2	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143388.D
Acq On : 14 Aug 2025 18:26
Operator : RC/JU
Sample : Q2814-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-38M-N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.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...	2.281	91.2	ng	3960110	1	6.934	868892	20.0
2-Pentanone, 4-...	5.163	9.5	ng	413099	1	6.934	868892	20.0
Benzophenone	10.680	9.2	ng	590090	3	9.969	1289770	20.0
n-Hexadecanoic ...	11.980	5.2	ng	301400	4	11.457	1166460	20.0
Hexatriacontyl ...	13.939	4.3	ng	152447	5	14.098	710215	20.0