LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143576.D
Acq On : 22 Aug 2025 16:53
Operator : RC/JU
Sample : Q2903-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16B-081925

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-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143576.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.257	3	11	25	rVB	2002189	3312313	96.16%	14.974%
2	5.157	494	504	520	rBV2	90320	159860	4.64%	0.723%
3	5.563	567	573	596	rBV	1174279	1560576	45.30%	7.055%
4	6.557	737	742	767	rBV	903281	1184014	34.37%	5.353%
5	6.922	799	804	812	rBV	480507	583846	16.95%	2.639%
6	7.487	893	900	911	rBV	1360794	1950624	56.63%	8.818%
7	8.204	1016	1022	1038	rVB	606959	783352	22.74%	3.541%
8	9.281	1198	1205	1210	rBV	2653788	3444653	100.00%	15.572%
9	9.963	1315	1321	1333	rBV	738046	952971	27.67%	4.308%
10	10.675	1437	1442	1449	rBV	85671	110304	3.20%	0.499%
11	10.751	1449	1455	1472	rBV	1748140	2393904	69.50%	10.822%
12	11.451	1568	1574	1581	rBV	767066	990119	28.74%	4.476%
13	11.975	1658	1663	1677	rBV2	51765	113197	3.29%	0.512%
14	12.692	1777	1785	1790	rBV	41157	61604	1.79%	0.278%
15	12.851	1807	1812	1817	rVB	71195	91076	2.64%	0.412%
16	13.033	1837	1843	1849	rBV	2446976	3309336	96.07%	14.961%
17	13.551	1927	1931	1936	rBV	44410	56372	1.64%	0.255%
18	14.092	2018	2023	2036	rVB	427414	566367	16.44%	2.560%
19	15.592	2272	2278	2288	rBV	307955	495643	14.39%	2.241%

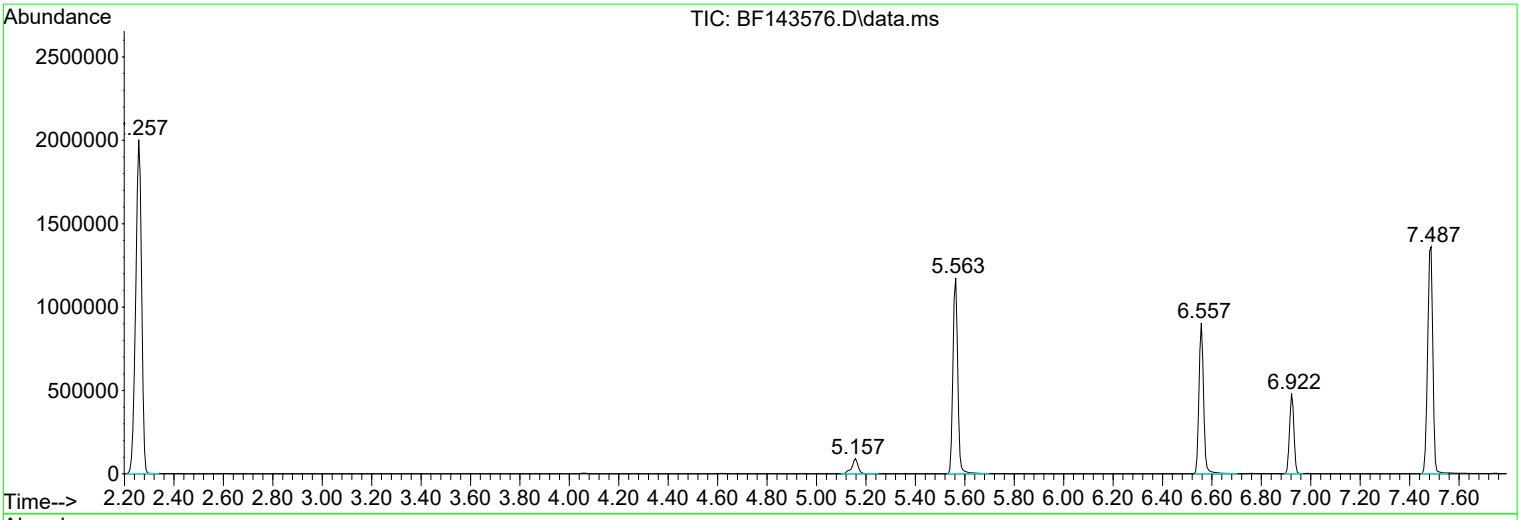
Sum of corrected areas: 22120131

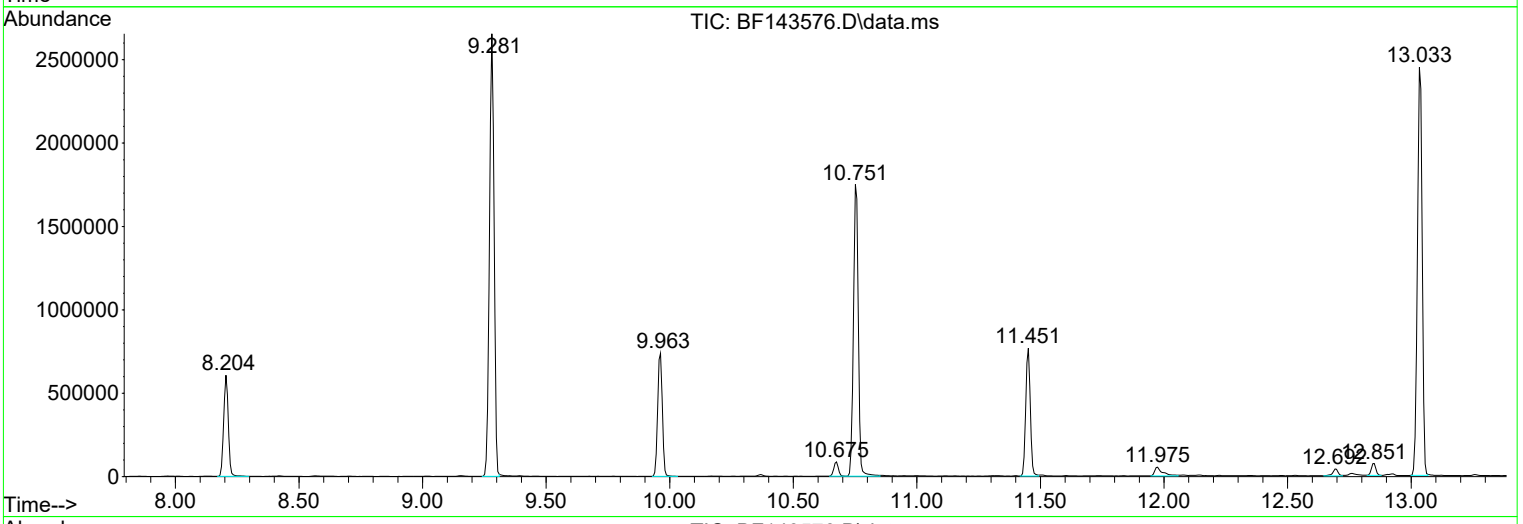
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143576.D
Acq On : 22 Aug 2025 16:53
Operator : RC/JU
Sample : Q2903-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

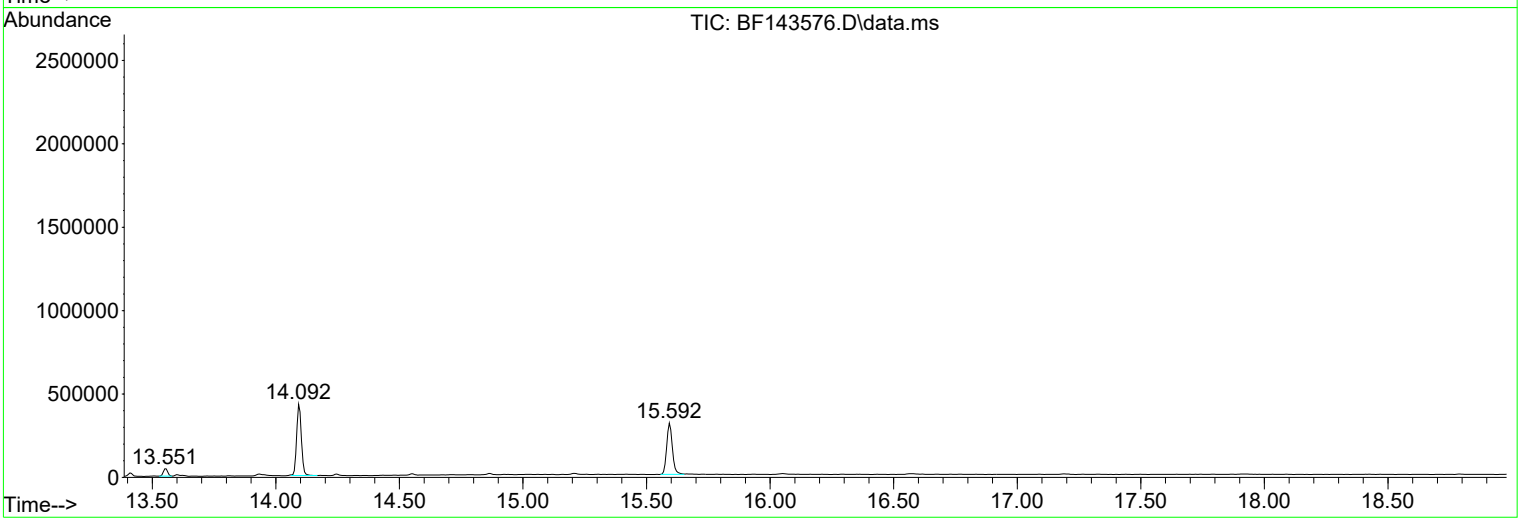
Instrument :
BNA_F
ClientSampleId :
MW-16B-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.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\BF082225\
Data File : BF143576.D
Acq On : 22 Aug 2025 16:53
Operator : RC/JU
Sample : Q2903-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16B-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

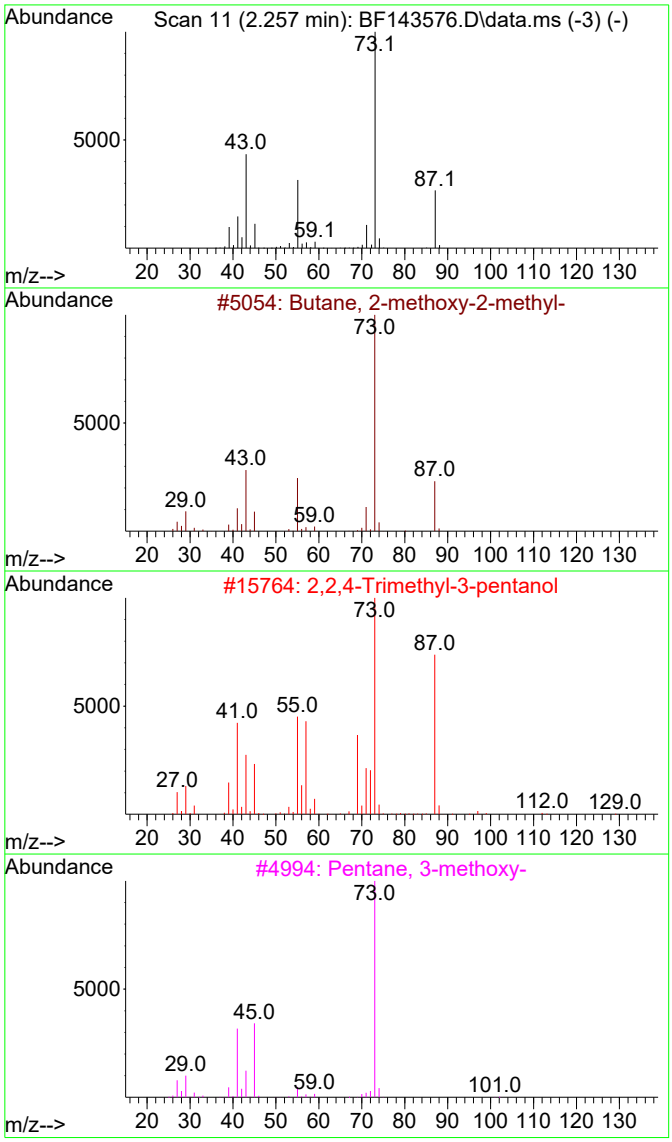
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

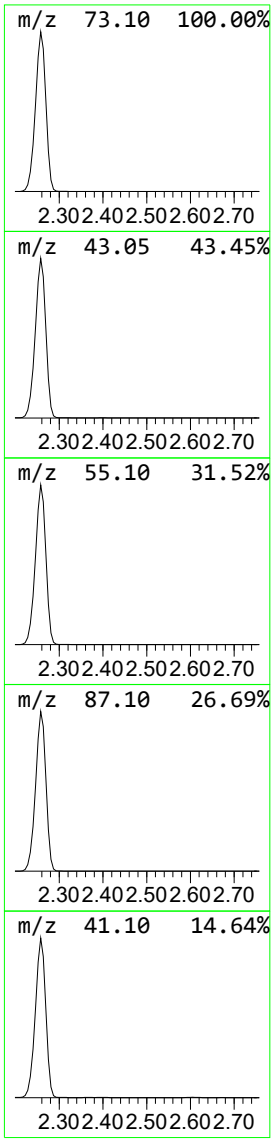
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.257	113.47 ng	3312310	1,4-Dichlorobenzene-d4	6.922

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143576.D
Acq On : 22 Aug 2025 16:53
Operator : RC/JU
Sample : Q2903-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16B-081925

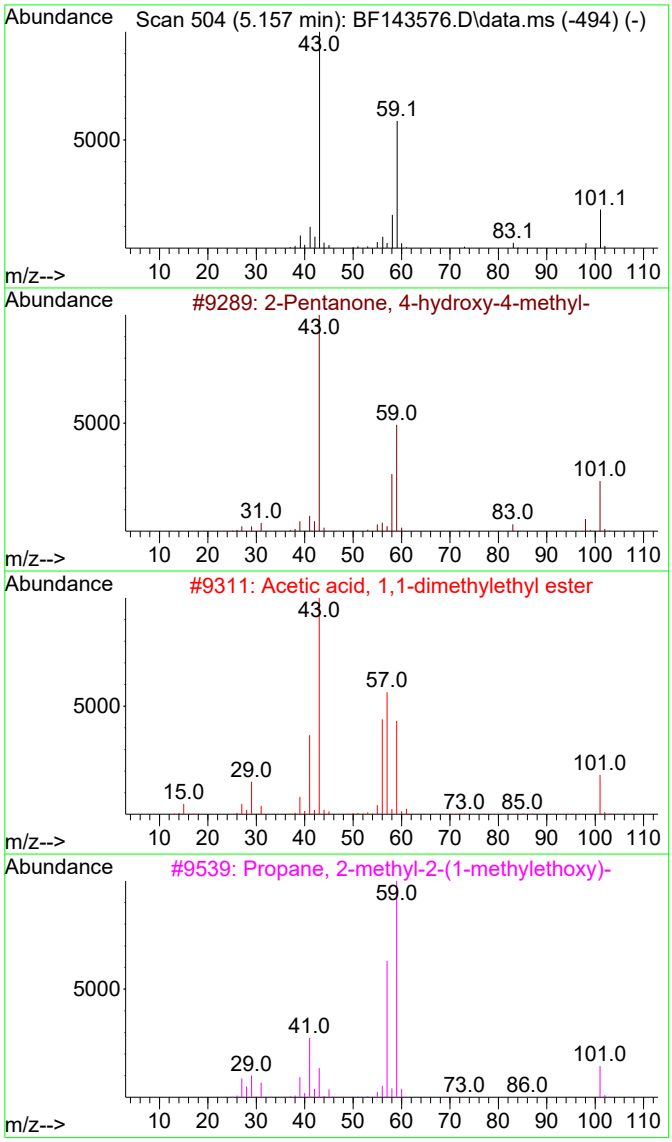
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

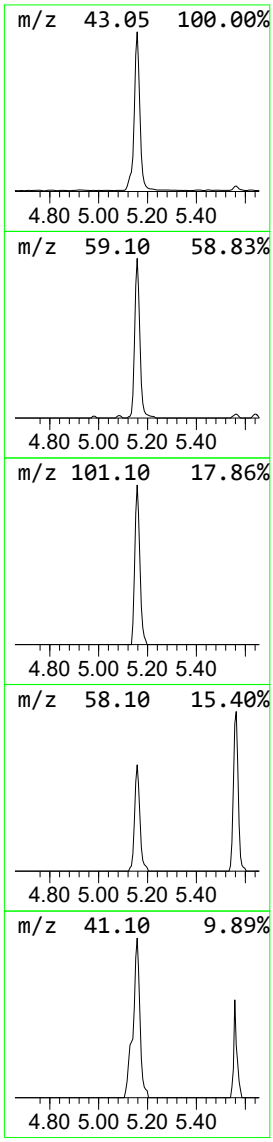
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.157	5.48 ng	159860	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143576.D
Acq On : 22 Aug 2025 16:53
Operator : RC/JU
Sample : Q2903-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16B-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

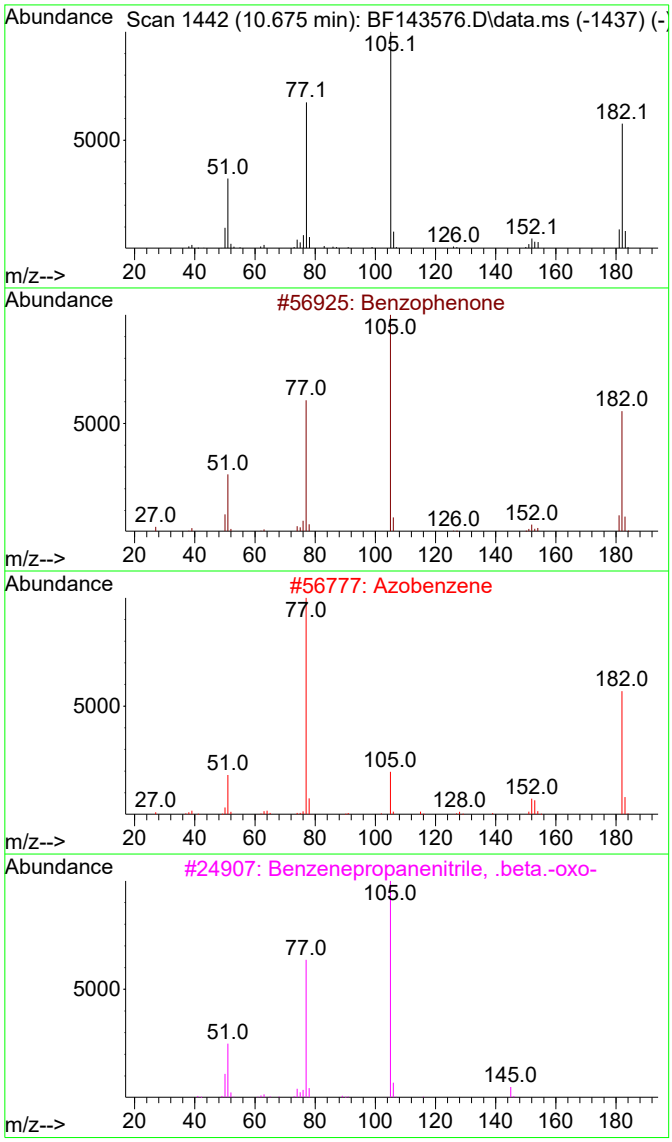
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

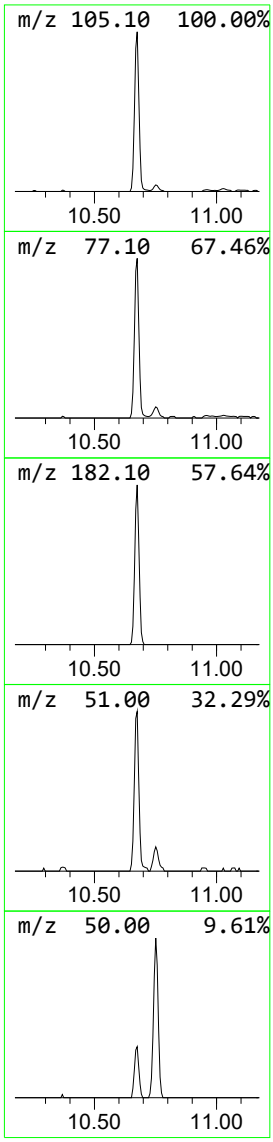
****

Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.675	2.31 ng	110304	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	58
3	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	52
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	50
5	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143576.D
Acq On : 22 Aug 2025 16:53
Operator : RC/JU
Sample : Q2903-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16B-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

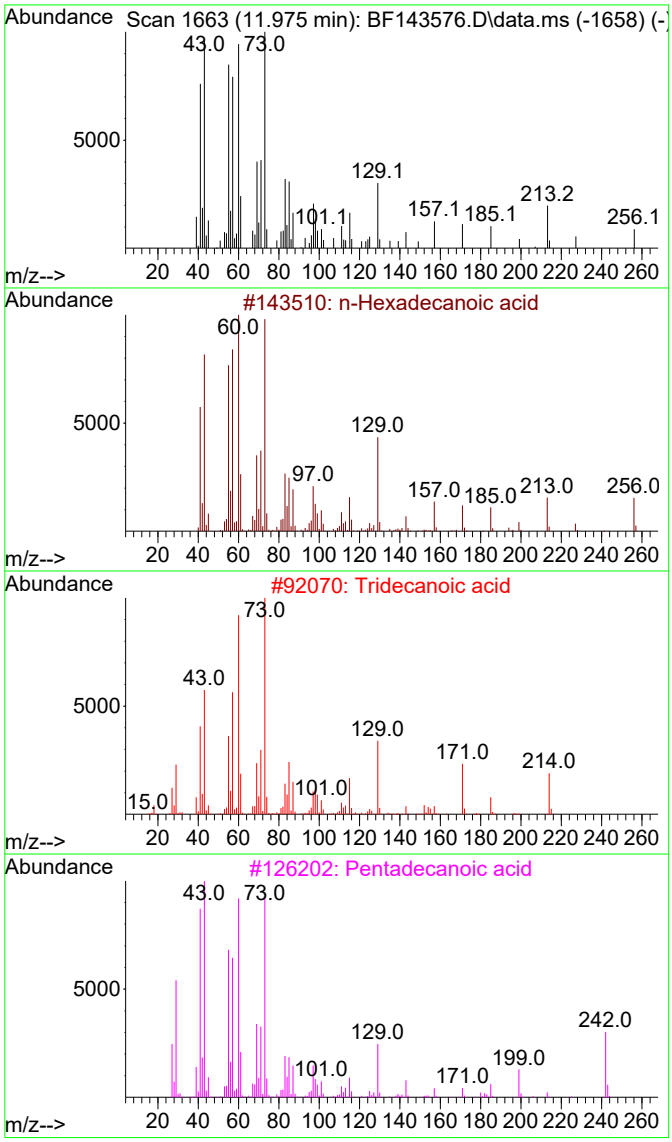
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

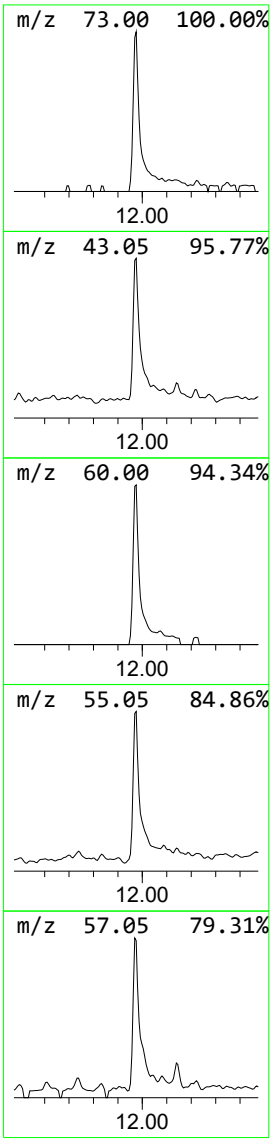
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	2.29 ng	113197	Phenanthrene-d10	11.451

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	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143576.D
Acq On : 22 Aug 2025 16:53
Operator : RC/JU
Sample : Q2903-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16B-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

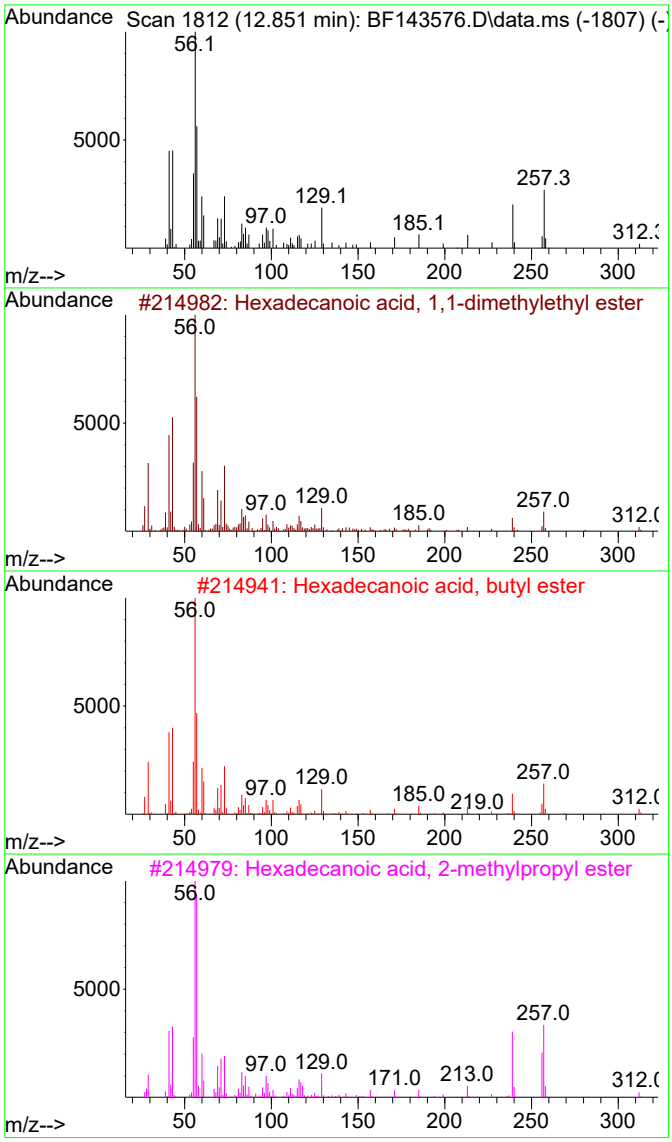
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

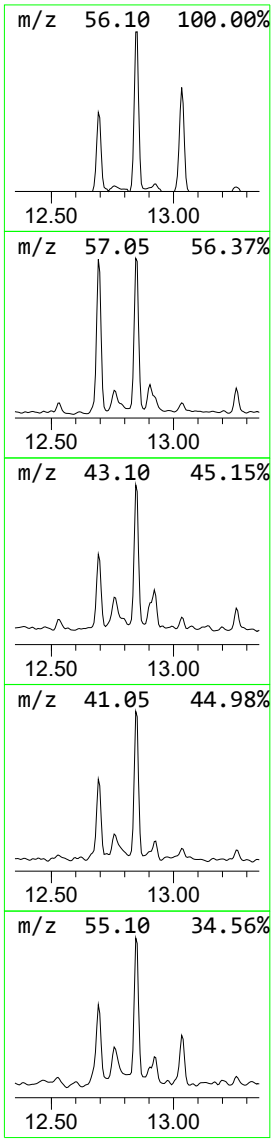
****

Peak Number 5 Hexadecanoic acid, 1,1-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.851	3.22 ng	91076	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	97
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	97
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	78
4	4,7,7-Trimethyl-3,9-dioxatricycl...	182	C10H14O3	1000187-22-5	35
5	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143576.D
Acq On : 22 Aug 2025 16:53
Operator : RC/JU
Sample : Q2903-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16B-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.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...	2.257	113.5	ng	3312310	1	6.922	583846	20.0
2-Pentanone, 4-...	5.157	5.5	ng	159860	1	6.922	583846	20.0
Benzophenone	10.675	2.3	ng	110304	3	9.963	952971	20.0
n-Hexadecanoic ...	11.975	2.3	ng	113197	4	11.451	990119	20.0
Hexadecanoic ac...	12.851	3.2	ng	91076	5	14.092	566367	20.0