LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142887.D
Acq On : 27 Jun 2025 12:21
Operator : RC/JU
Sample : Q2425-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142887.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.098	485	494	504	rBV	124113	203382	8.74%	1.435%
2	5.498	556	562	568	rBV	1363344	1847681	79.44%	13.040%
3	6.510	727	734	739	rBV	1293960	1876138	80.67%	13.241%
4	6.875	791	796	801	rBV	326607	391207	16.82%	2.761%
5	7.439	886	892	897	rBV	912591	1213130	52.16%	8.562%
6	8.157	1009	1014	1027	rBV	390725	507873	21.84%	3.584%
7	9.239	1191	1198	1203	rBV	1774541	2325826	100.00%	16.415%
8	9.916	1308	1313	1318	rBV	440236	546442	23.49%	3.857%
9	10.328	1376	1383	1393	rVB2	14964	25863	1.11%	0.183%
10	10.633	1429	1435	1442	rVB	152219	192812	8.29%	1.361%
11	10.710	1442	1448	1453	rBV	1010960	1285527	55.27%	9.073%
12	11.404	1561	1566	1574	rBV	372166	496749	21.36%	3.506%
13	11.927	1649	1655	1668	rBV2	136895	228128	9.81%	1.610%
14	12.621	1768	1773	1782	rBV	17177	27910	1.20%	0.197%
15	12.716	1784	1789	1798	rBV	45573	74362	3.20%	0.525%
16	12.992	1831	1836	1842	rBV	1355140	1809266	77.79%	12.769%
17	13.733	1950	1962	1977	rVB	12477	60935	2.62%	0.430%
18	13.886	1982	1988	2000	rBV	91392	156648	6.74%	1.106%
19	14.051	2008	2016	2026	rVB	307601	416585	17.91%	2.940%
20	14.810	2140	2145	2153	rBV2	34107	58928	2.53%	0.416%
21	15.545	2264	2270	2282	rBV	250462	394147	16.95%	2.782%
22	16.068	2353	2359	2366	rBV8	11366	29488	1.27%	0.208%

Sum of corrected areas: 14169027

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
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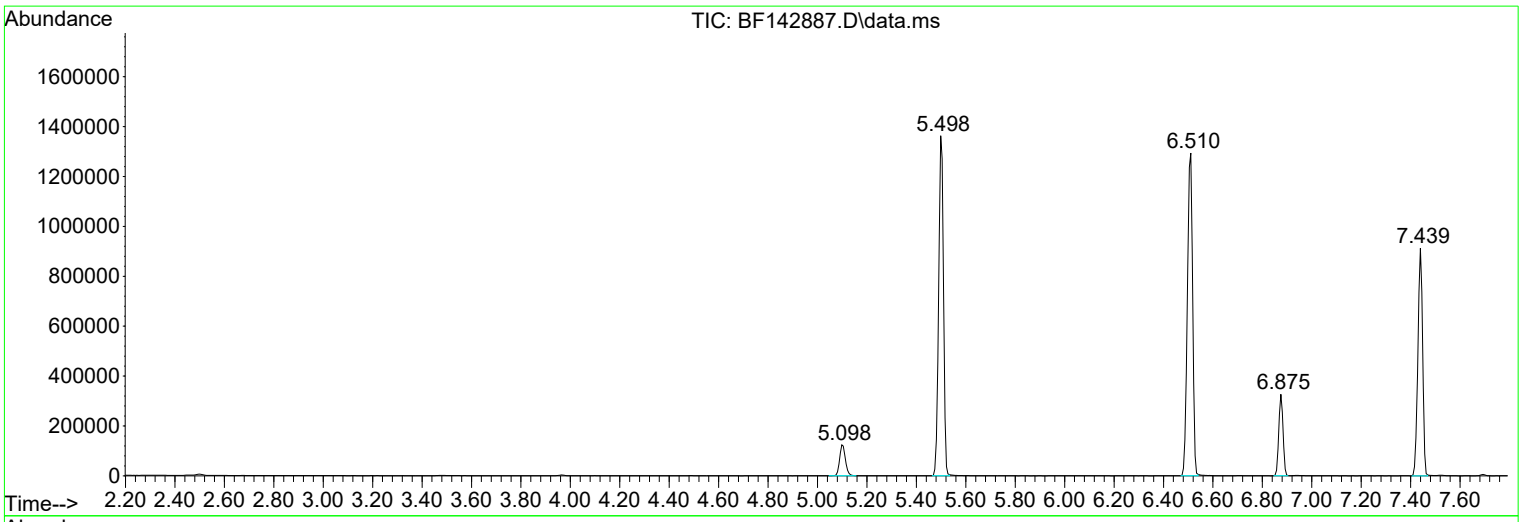
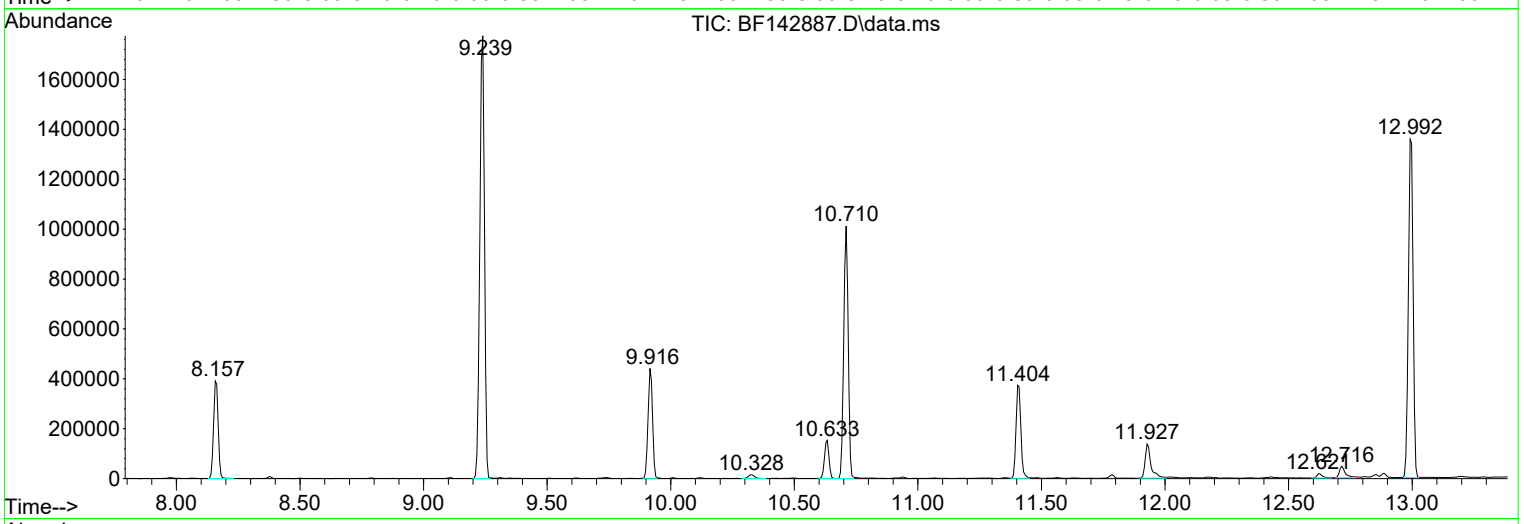
Sample : Q2425-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

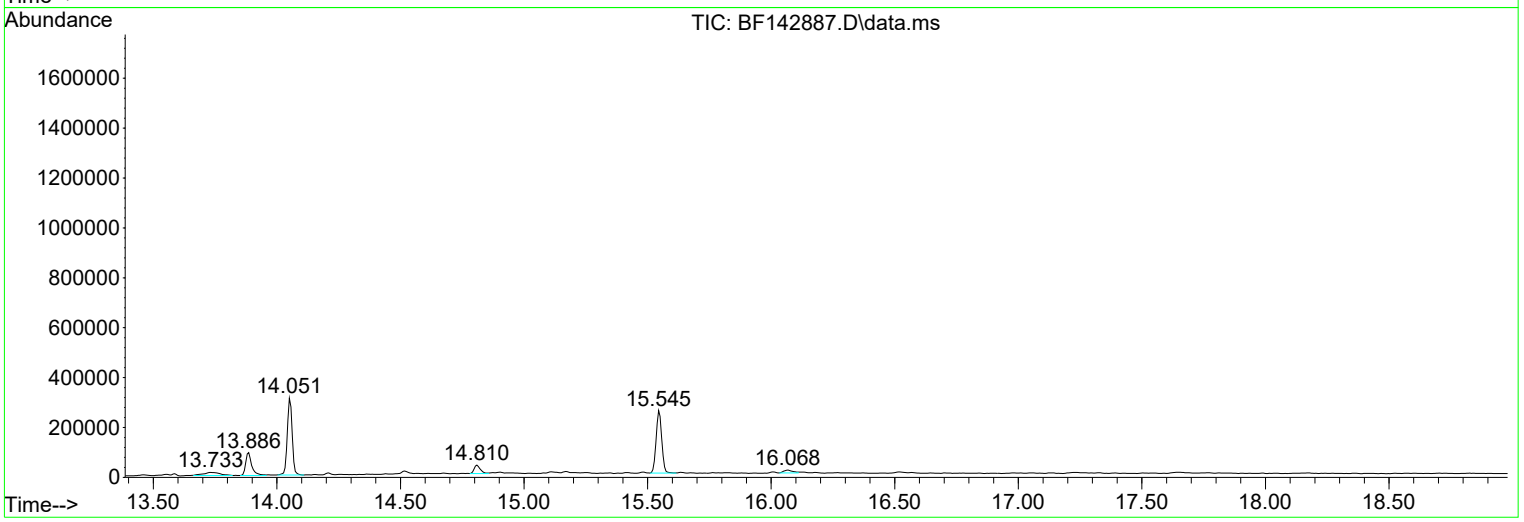
Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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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Data File : BF142887.D
Acq On : 27 Jun 2025 12:21
Operator : RC/JU
Sample : Q2425-02
Misc :
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Instrument :
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ClientSampleId :
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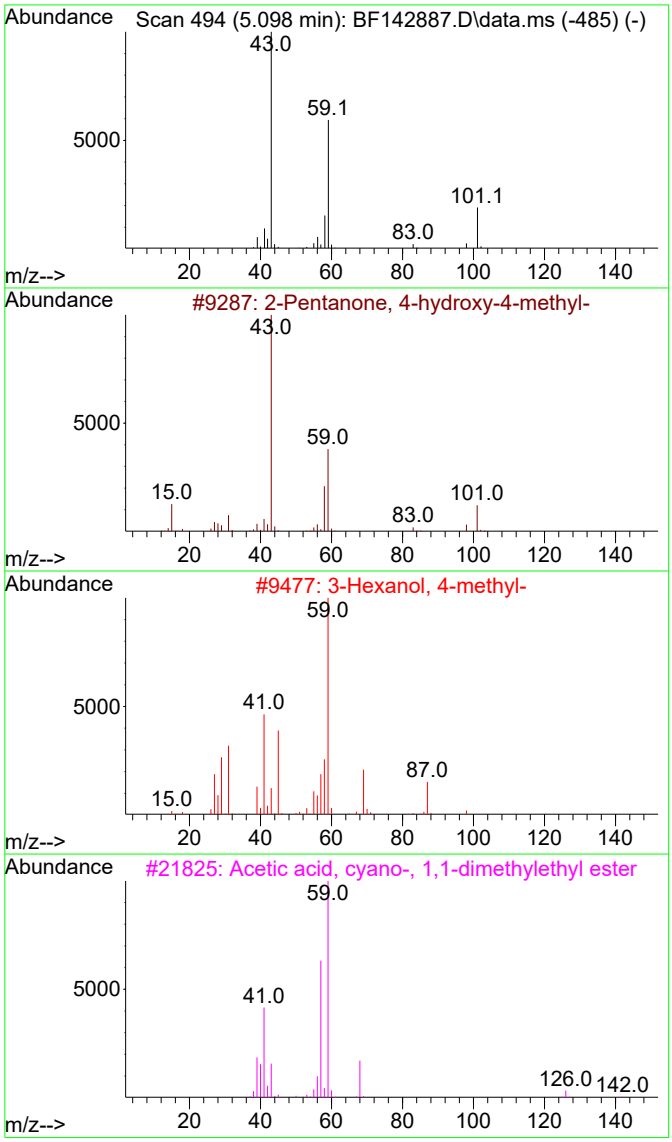
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

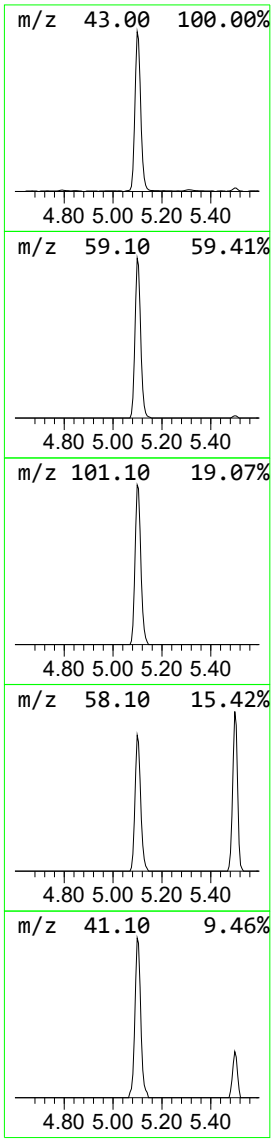
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.098	10.40 ng	203382	1,4-Dichlorobenzene-d4	6.875

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	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Data File : BF142887.D
Acq On : 27 Jun 2025 12:21
Operator : RC/JU
Sample : Q2425-02
Misc :
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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

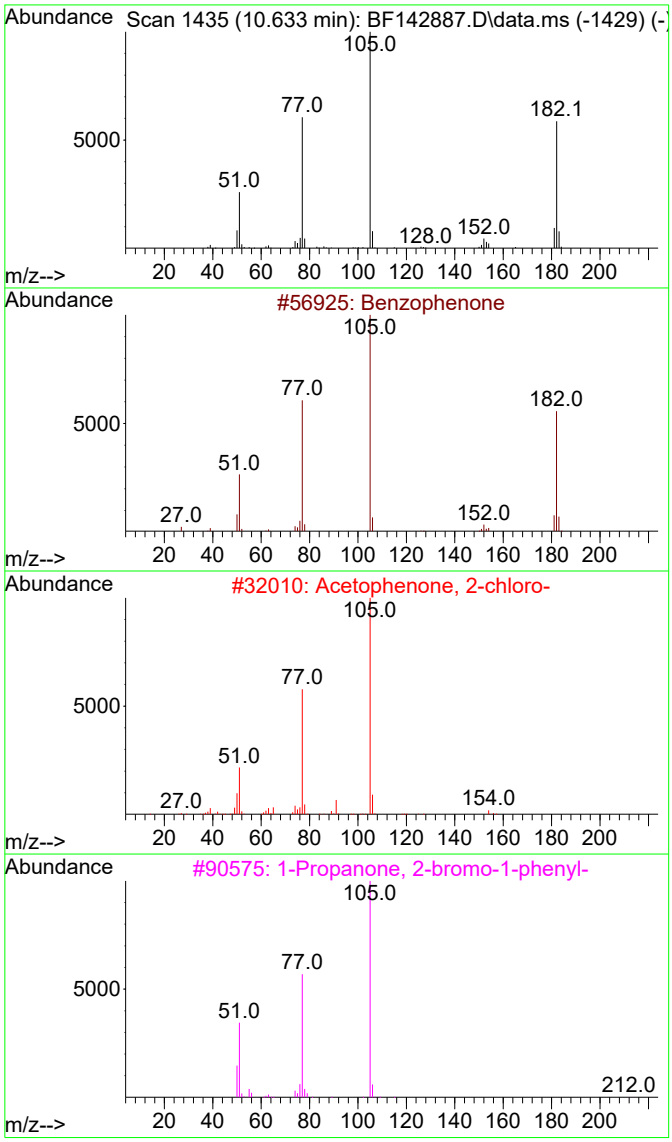
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

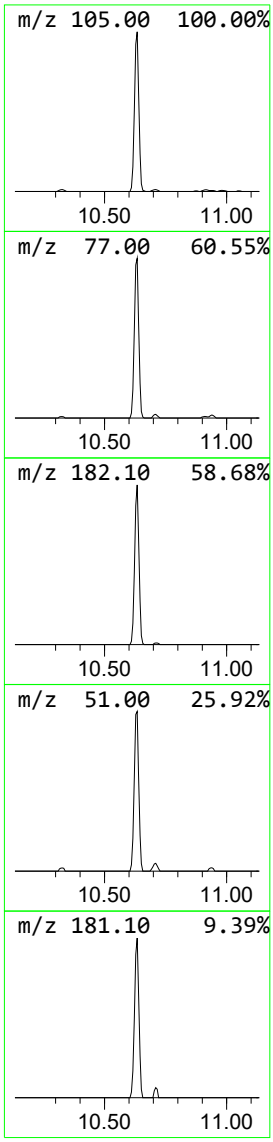
****

Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.633	7.06 ng	192812	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5	5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142887.D
Acq On : 27 Jun 2025 12:21
Operator : RC/JU
Sample : Q2425-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

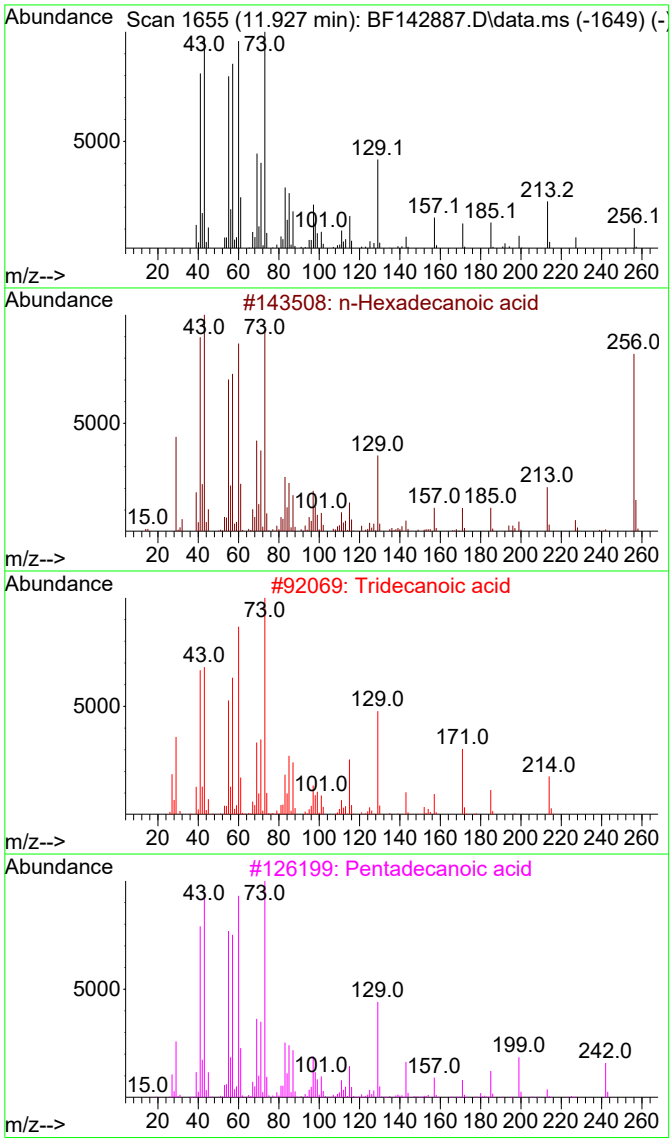
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

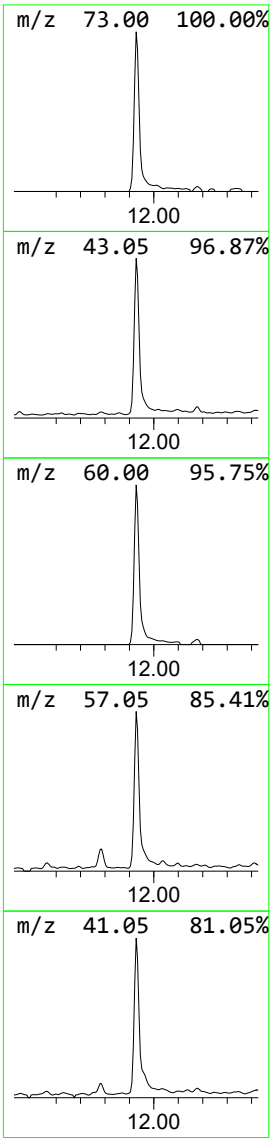
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	9.18 ng	228128	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Data File : BF142887.D
Acq On : 27 Jun 2025 12:21
Operator : RC/JU
Sample : Q2425-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

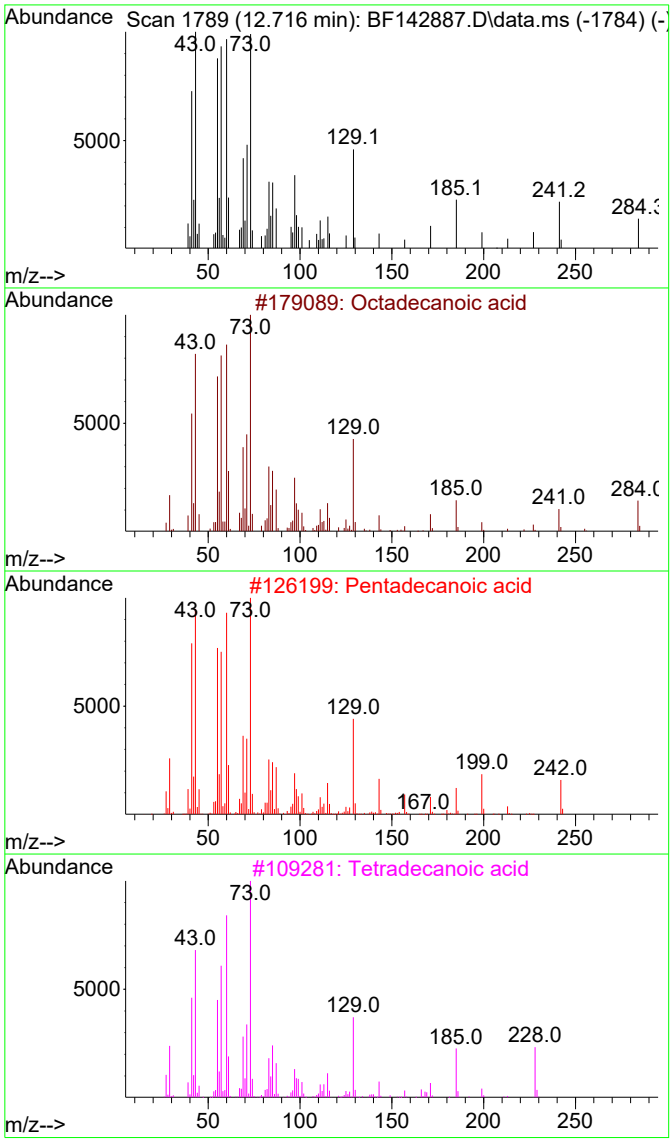
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

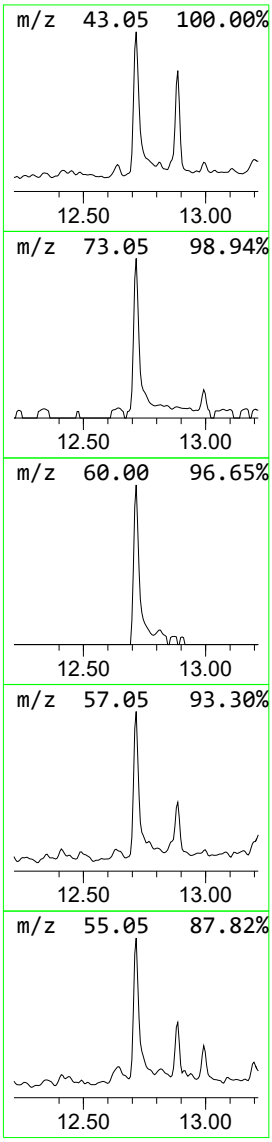
****

Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.716	2.99 ng	74362	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142887.D
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Operator : RC/JU
Sample : Q2425-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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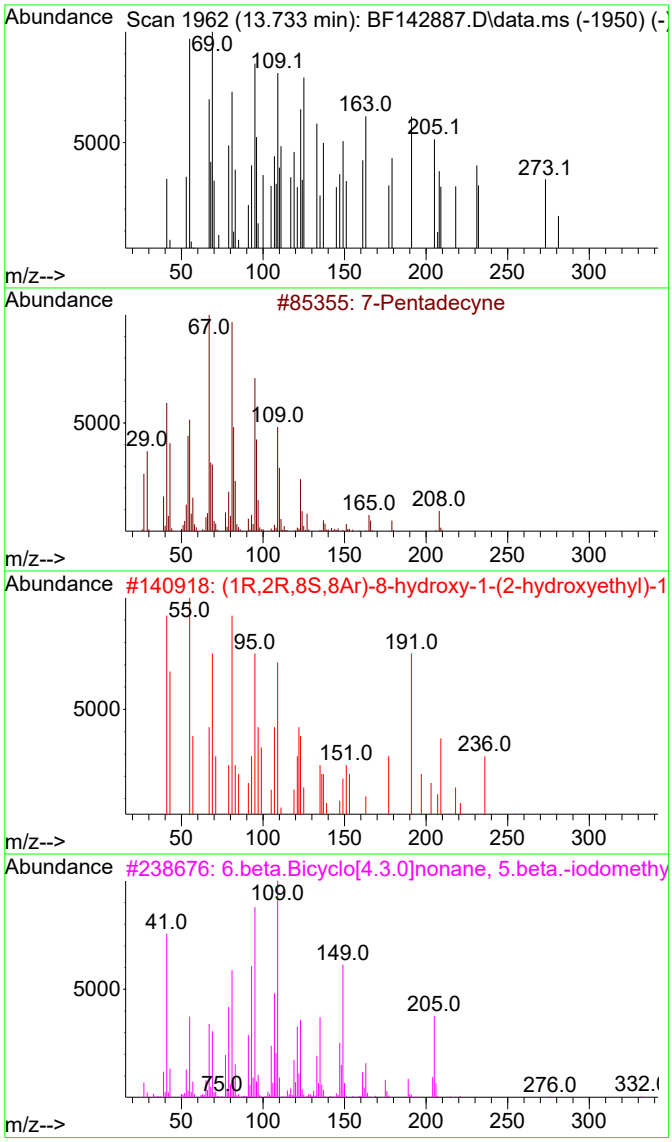
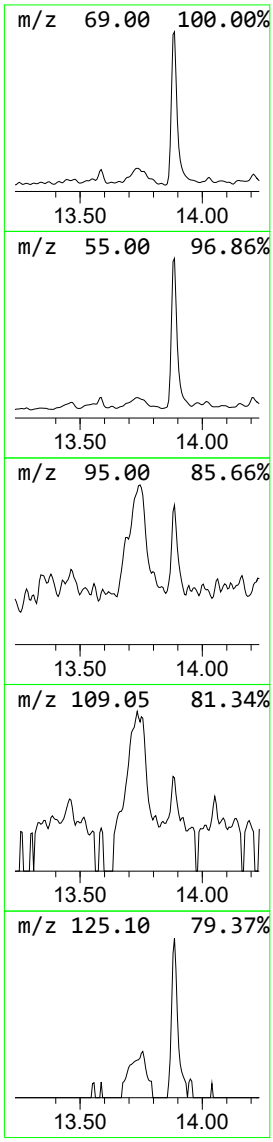
****

Peak Number 5 unknown13.733 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.733	2.93 ng	60935	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Pentadecyne	208	C15H28	022089-89-0	38
2	(1R,2R,8S,8Ar)-8-hydroxy-1-(2-hy...	254	C16H30O2	1000298-98-6	30
3	6.beta.Bicyclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	27
4	Silane, tetra-2-propenyl-	192	C12H20Si	001112-66-9	22
5	1-(1-Methylethyl)cyclohexanemeth...	156	C10H20O	041417-68-9	22





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BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
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TIC Library : C:\Database\NIST20.L
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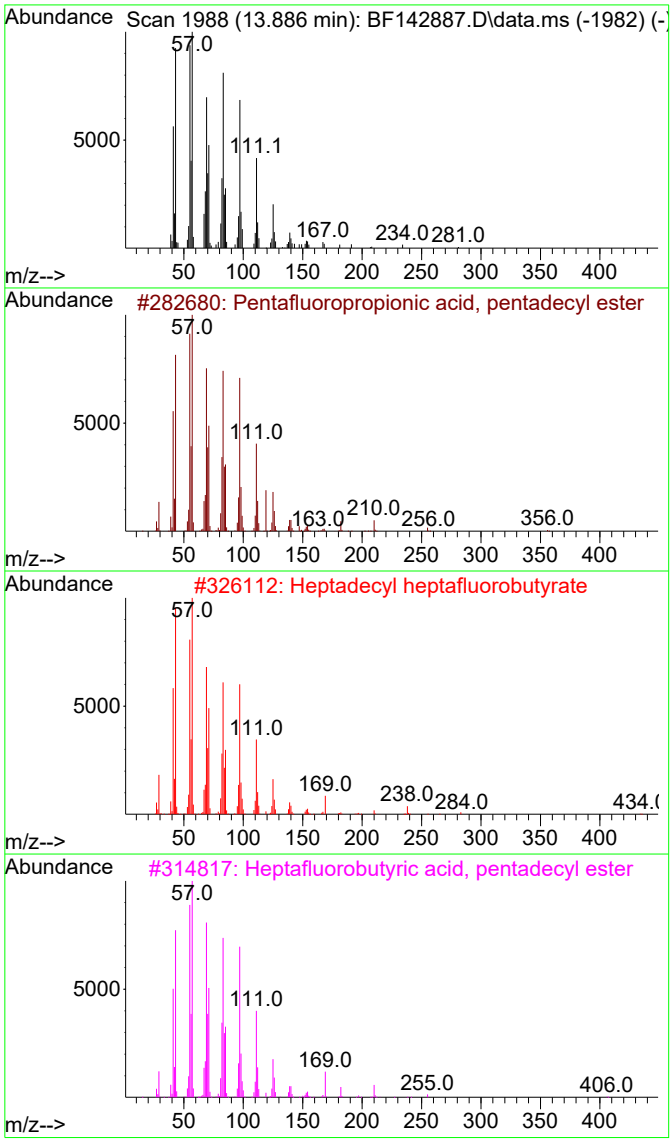
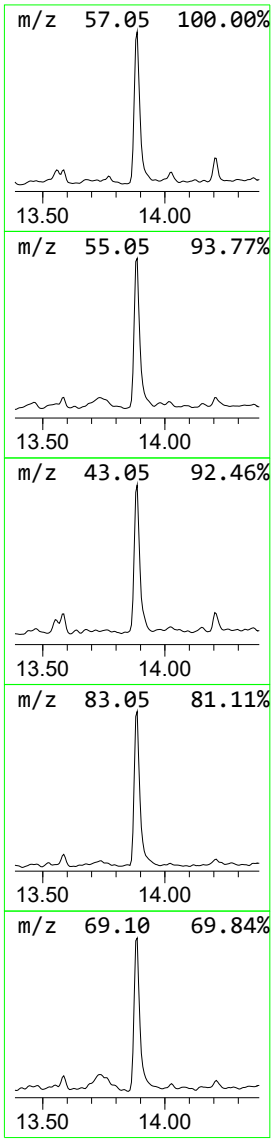
****
Peak Number 6 Pentafluoropropionic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	7.52 ng	156648	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	95
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	95
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	95





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

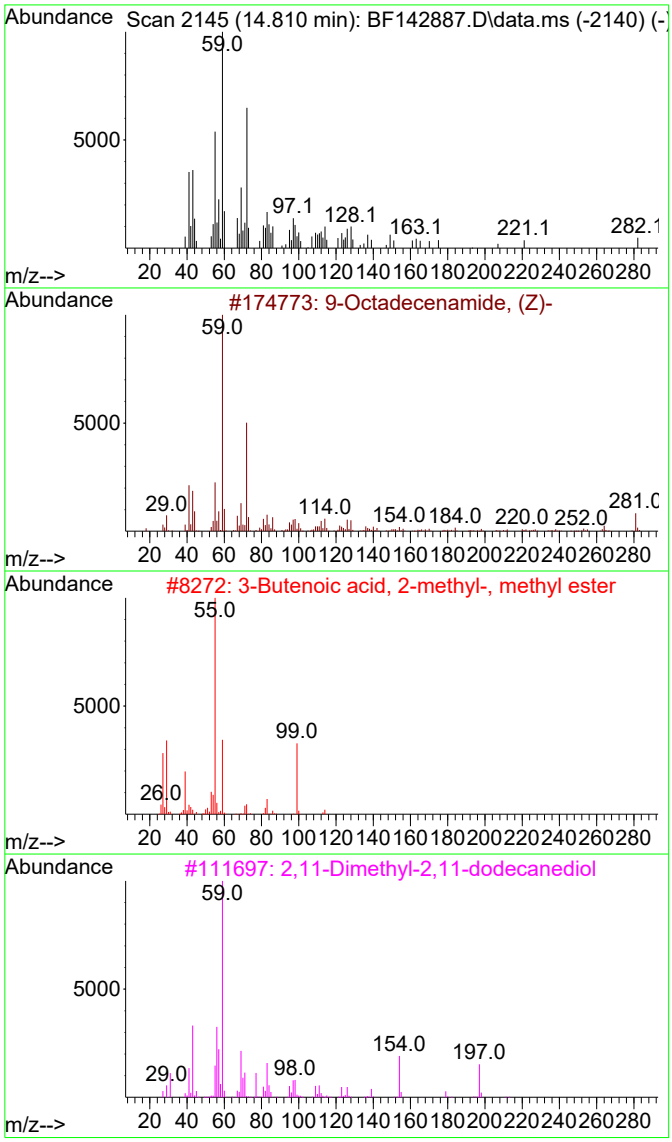
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

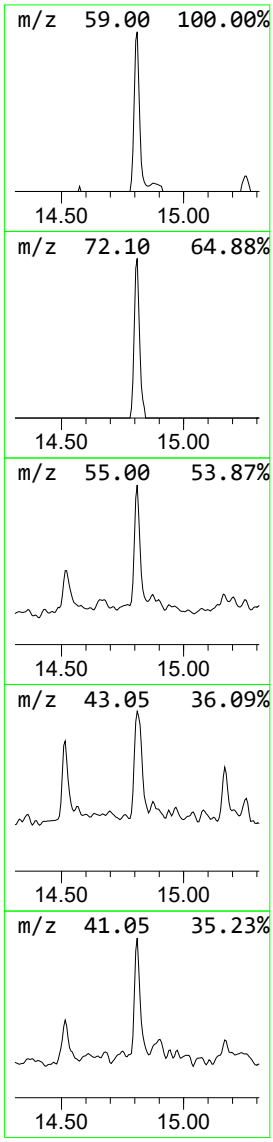
****

Peak Number 7 9-Octadecenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.810	2.99 ng	58928	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
2	3-Butenoic acid, 2-methyl-, meth...	114	C6H10O2	051747-33-2	38
3	2,11-Dimethyl-2,11-dodecanediol	230	C14H30O2	022092-59-7	38
4	1,1,2-Trimethyl-1-silacyclobutane	114	C6H14Si	030681-90-4	30
5	5-Carbamoyl-pentanoic acid ethyl...	173	C8H15NO3	001190-69-8	22





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.098	10.4	ng	203382	1	6.875	391207	20.0
Benzophenone	10.633	7.1	ng	192812	3	9.916	546442	20.0
n-Hexadecanoic ...	11.927	9.2	ng	228128	4	11.404	496749	20.0
Octadecanoic acid	12.716	3.0	ng	74362	4	11.404	496749	20.0
unknown13.733	13.733	2.9	ng	60935	5	14.051	416585	20.0
Pentafluoroprop...	13.886	7.5	ng	156648	5	14.051	416585	20.0
9-Octadecenamid...	14.810	3.0	ng	58928	6	15.545	394147	20.0