LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024658.D
Acq On : 16 May 2025 15:36
Operator : RC/JU
Sample : Q1993-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-2-20250508

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_P\Methods\8270E-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024658.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.828	289	296	306	rBV	96956	138525	1.24%	0.304%
2	5.310	372	378	398	rBV	1202392	1860484	16.59%	4.088%
3	6.899	639	648	666	rBV	654944	1231673	10.99%	2.706%
4	7.663	768	778	787	rBV	513140	801762	7.15%	1.762%
5	8.810	966	973	986	rBV	1708688	2849108	25.41%	6.261%
6	10.428	1241	1248	1263	rBV	664814	1147420	10.23%	2.521%
7	12.904	1660	1669	1683	rBV	4715564	7058931	62.96%	15.511%
8	14.292	1899	1905	1913	rBV	1120920	1601586	14.28%	3.519%
9	14.751	1976	1983	2000	rBV2	195547	501488	4.47%	1.102%
10	15.680	2136	2141	2147	rVB	138242	210501	1.88%	0.463%
11	15.822	2158	2165	2183	rBV	4052376	6311005	56.29%	13.868%
12	16.263	2235	2240	2243	rBV	144337	244852	2.18%	0.538%
13	16.304	2243	2247	2251	rVV	370631	665717	5.94%	1.463%
14	16.345	2251	2254	2269	rVB	233573	508682	4.54%	1.118%
15	16.510	2277	2282	2287	rBV	201904	335981	3.00%	0.738%
16	17.092	2374	2381	2392	rBV	1148093	1850556	16.51%	4.066%
17	18.039	2536	2542	2549	rBV	465038	845129	7.54%	1.857%
18	19.233	2742	2745	2751	rBV	172266	288965	2.58%	0.635%
19	19.368	2764	2768	2777	rBV	247268	408595	3.64%	0.898%
20	19.815	2838	2844	2859	rBV	8750773	11211693	100.00%	24.637%
21	21.515	3128	3133	3141	rBV2	1506265	2265202	20.20%	4.978%
22	23.398	3451	3453	3454	rBV	238364	189916	1.69%	0.417%
23	23.639	3488	3494	3495	rBV3	348528	581276	5.18%	1.277%
24	24.798	3684	3691	3701	rVB	872043	2399313	21.40%	5.272%

Sum of corrected areas: 45508360

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
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Misc :
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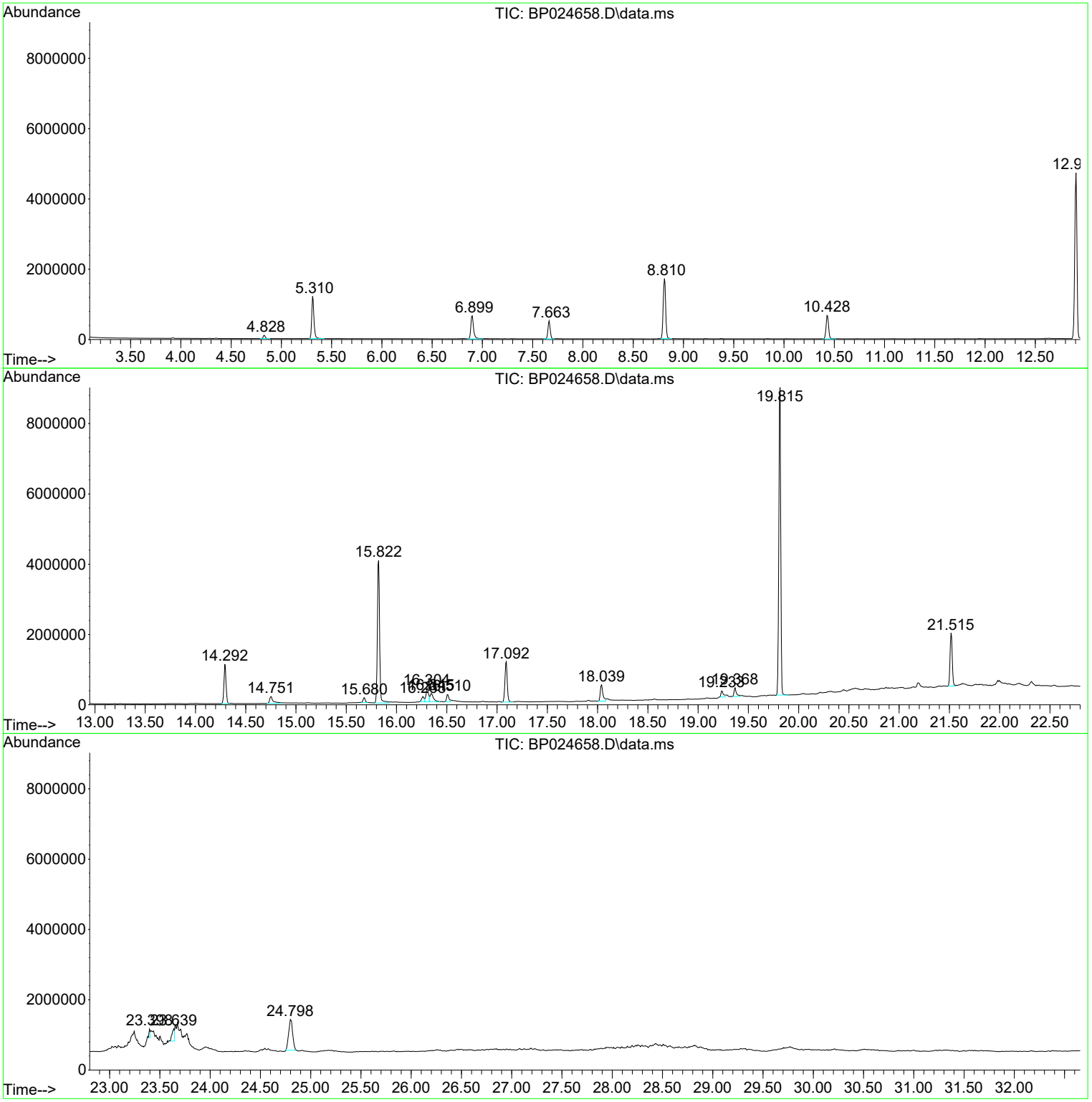
Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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_P\Data\BP051625\
Data File : BP024658.D
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Operator : RC/JU
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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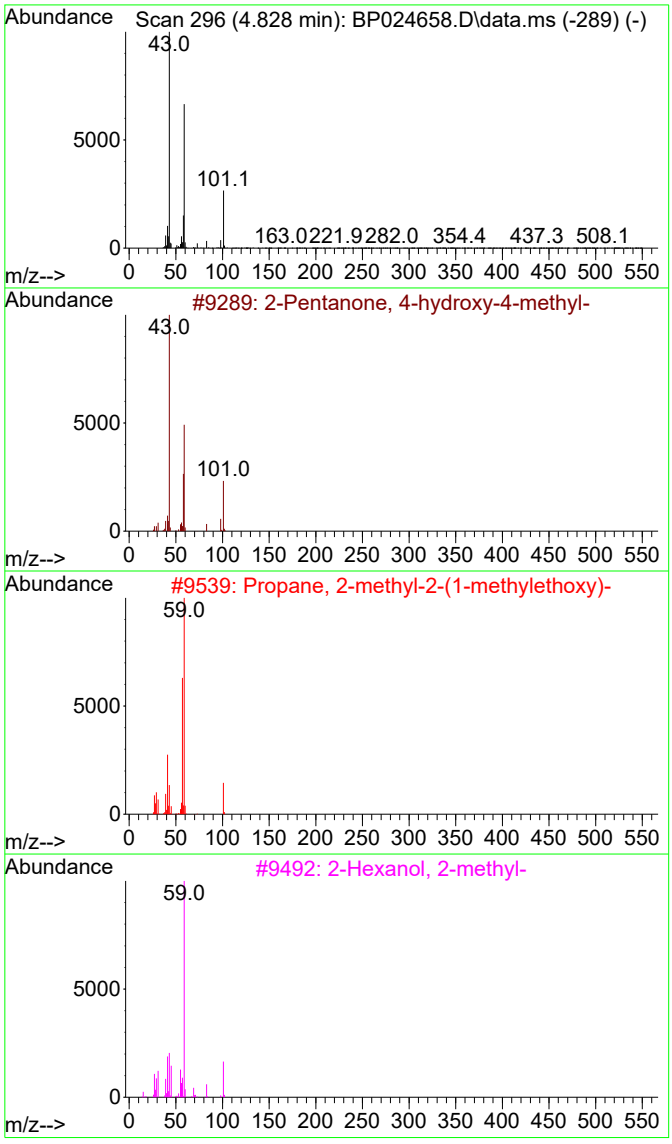
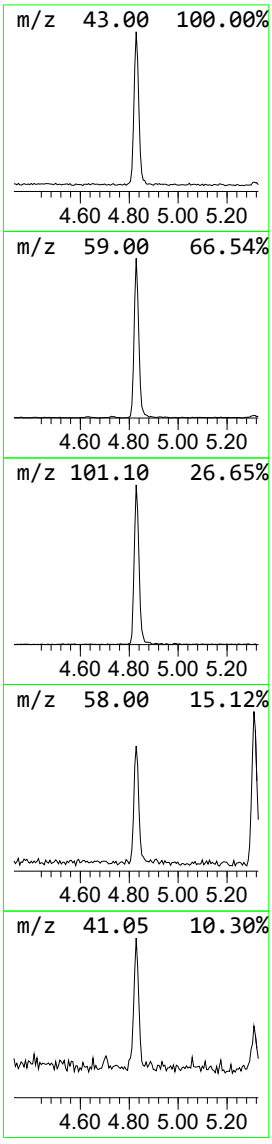
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.828	3.46 ng	138525	1,4-Dichlorobenzene-d4	7.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	50
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	Tetraglyme	222	C10H22O5	000143-24-8	25





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Operator : RC/JU
Sample : Q1993-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

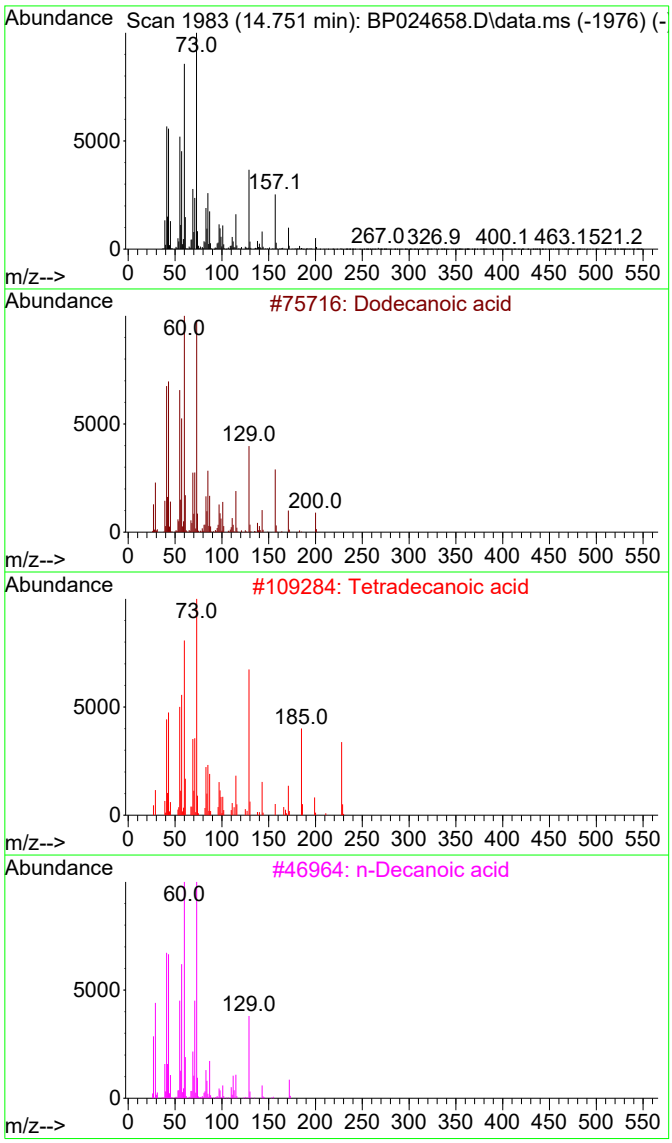
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

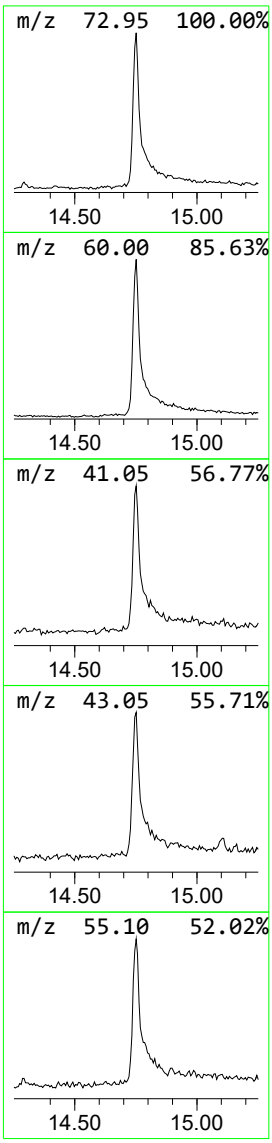
****

Peak Number 2 Dodecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.751	6.26 ng	501488	Acenaphthene-d10	14.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
3	n-Decanoic acid	172	C10H20O2	000334-48-5	62
4	Nonanoic acid	158	C9H18O2	000112-05-0	62
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52





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Data File : BP024658.D
Acq On : 16 May 2025 15:36
Operator : RC/JU
Sample : Q1993-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
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TIC Library : C:\Database\NIST20.L
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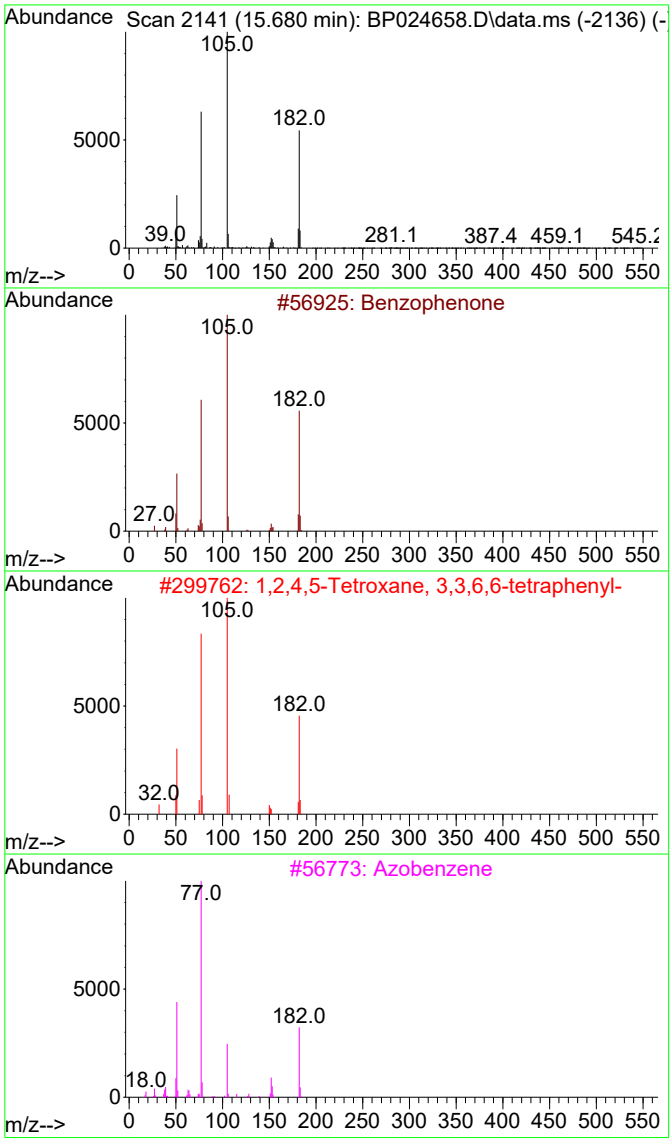
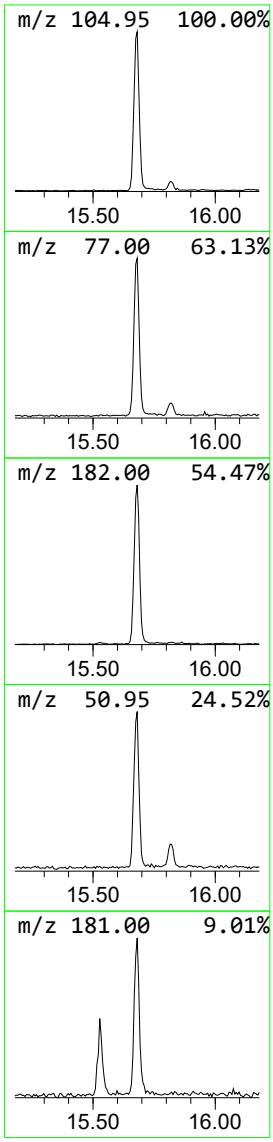
Peak Number 3 Benzophenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.680	2.63 ng	210501	Acenaphthene-d10	14.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3	Azobenzene	182	C12H10N2	000103-33-3	59
4	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	50
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	45





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Data File : BP024658.D
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Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

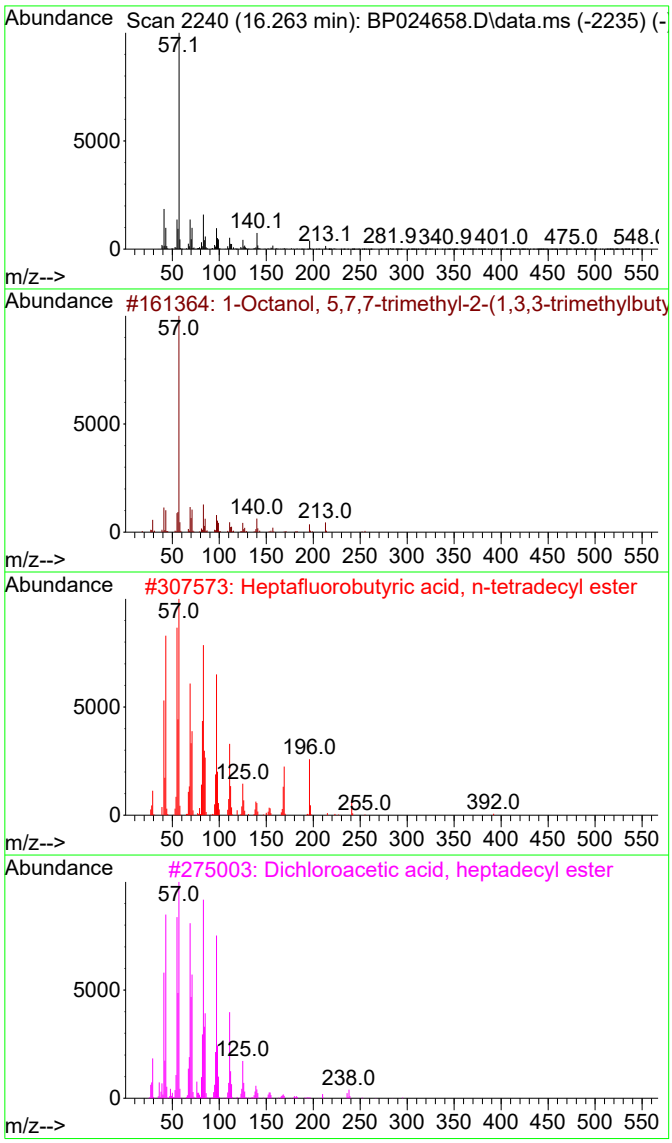
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

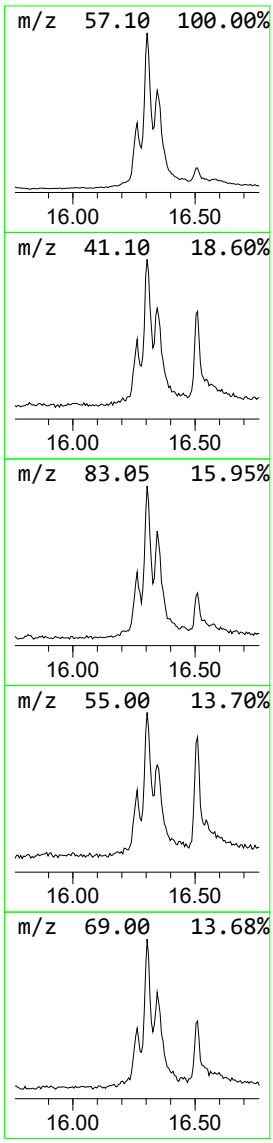
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Octanol, 5,7,7-trimethyl-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.263	2.65 ng	244852	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	64
2	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	58
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	52
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	52
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	52





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Sample : Q1993-05
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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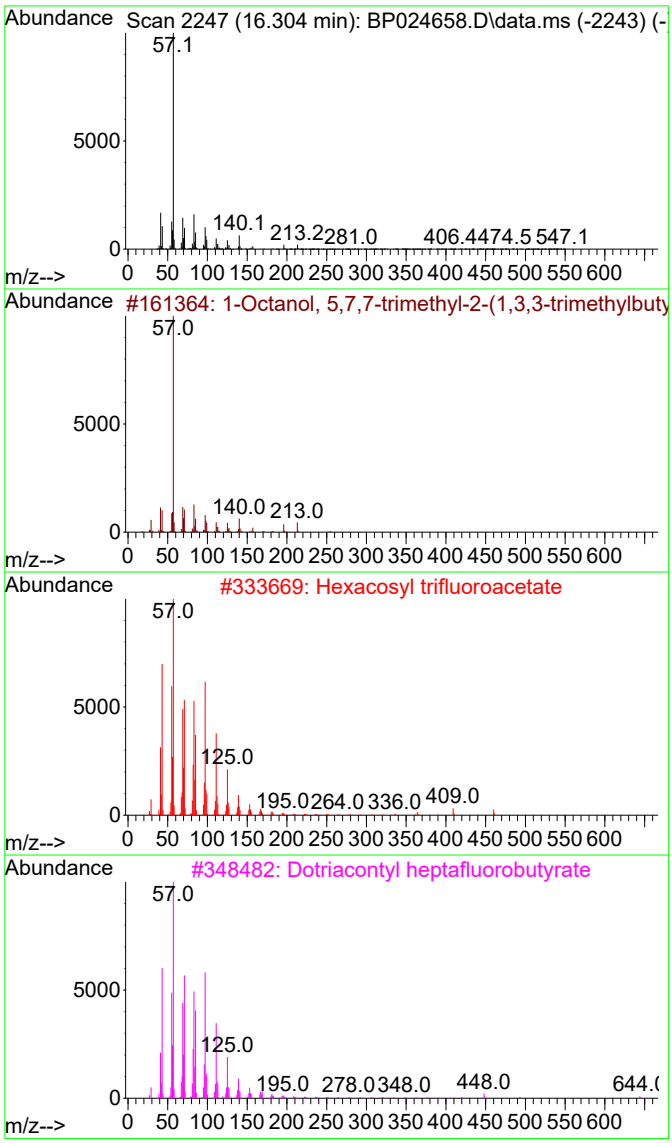
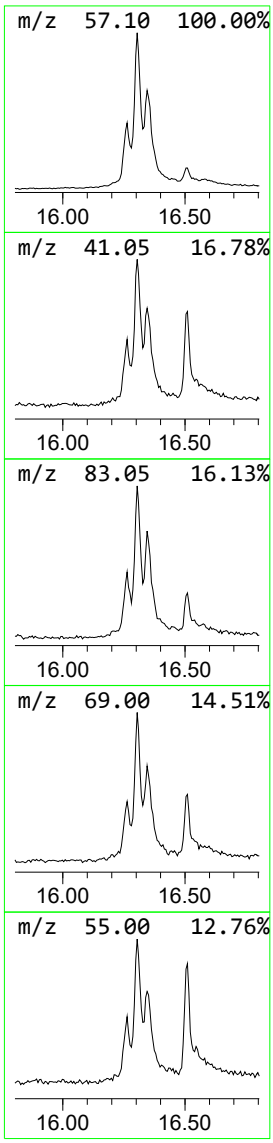
****

Peak Number 5 Hexacosyl trifluoroacetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.304	7.19 ng	665717	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	80
2	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	50
3	Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	50
4	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	50
5	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	50





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

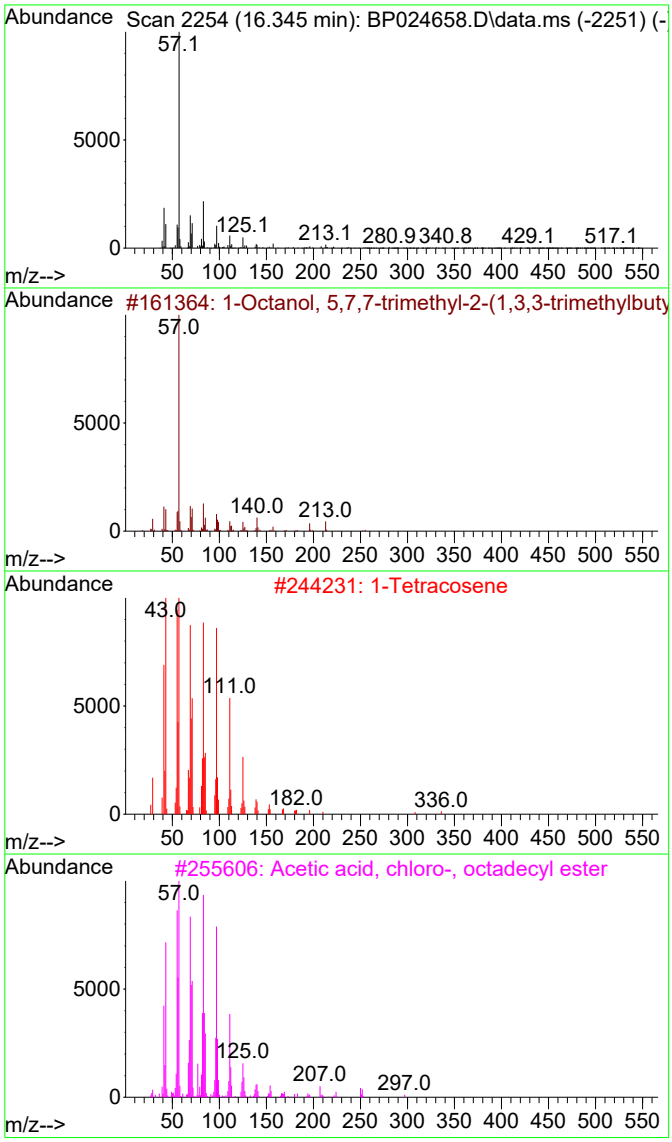
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

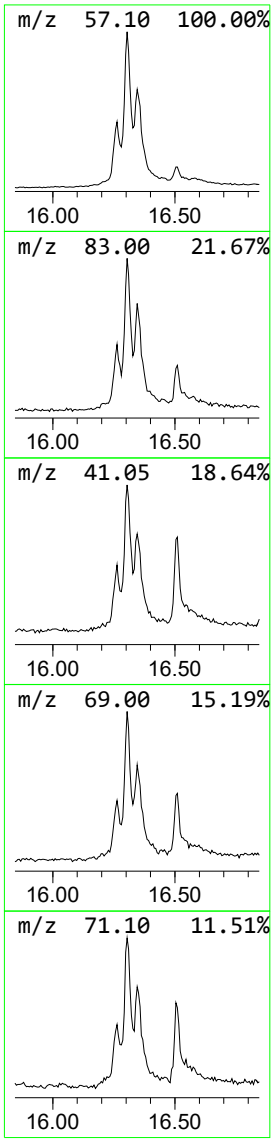
****

Peak Number 6 1-Tetracosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.345	5.50 ng	508682	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	72
2	1-Tetracosene	336	C24H48	010192-32-2	53
3	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	53
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	50
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	47





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Operator : RC/JU
Sample : Q1993-05
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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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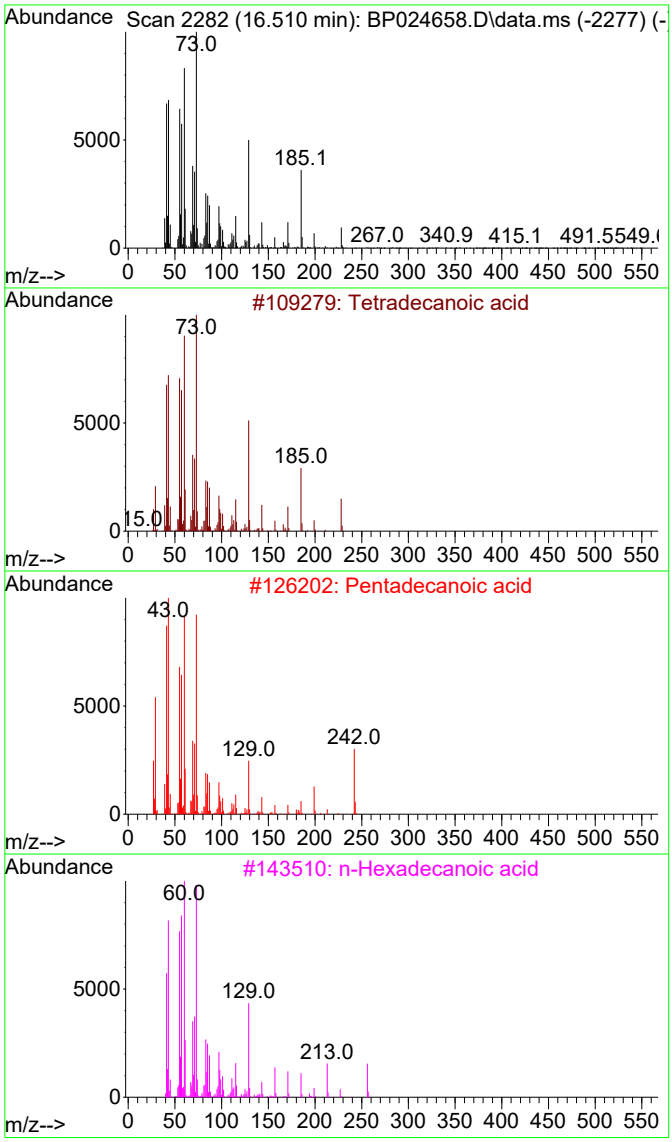
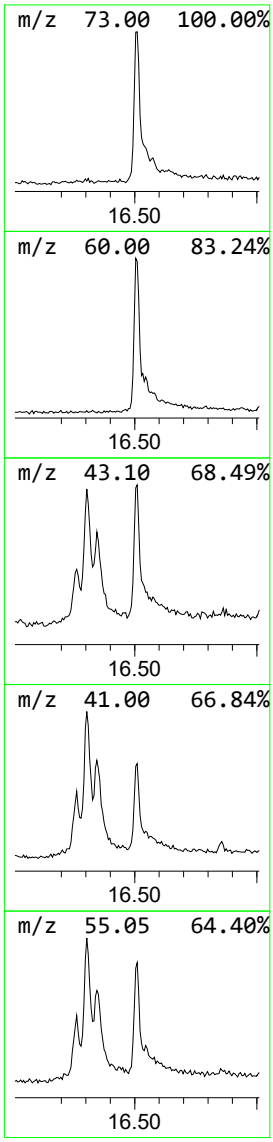
Peak Number 7 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.510	3.63 ng	335981	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
4	Undecanoic acid	186	C11H22O2	000112-37-8	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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Sample : Q1993-05
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TIC Library : C:\Database\NIST20.L
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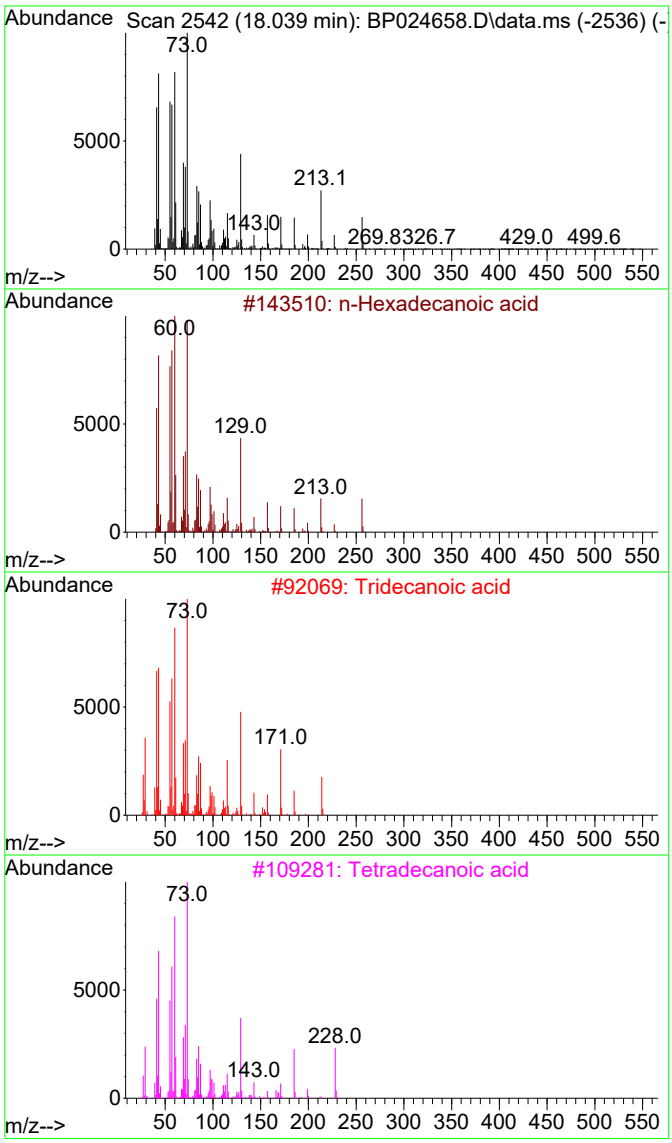
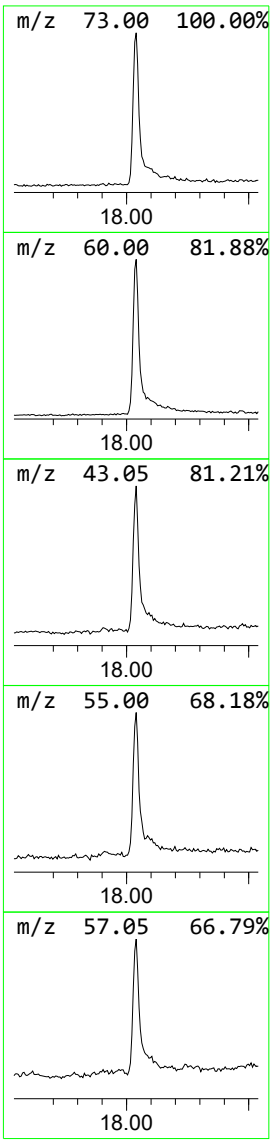
Peak Number 8 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	9.13 ng	845129	Phenanthrene-d10	17.092

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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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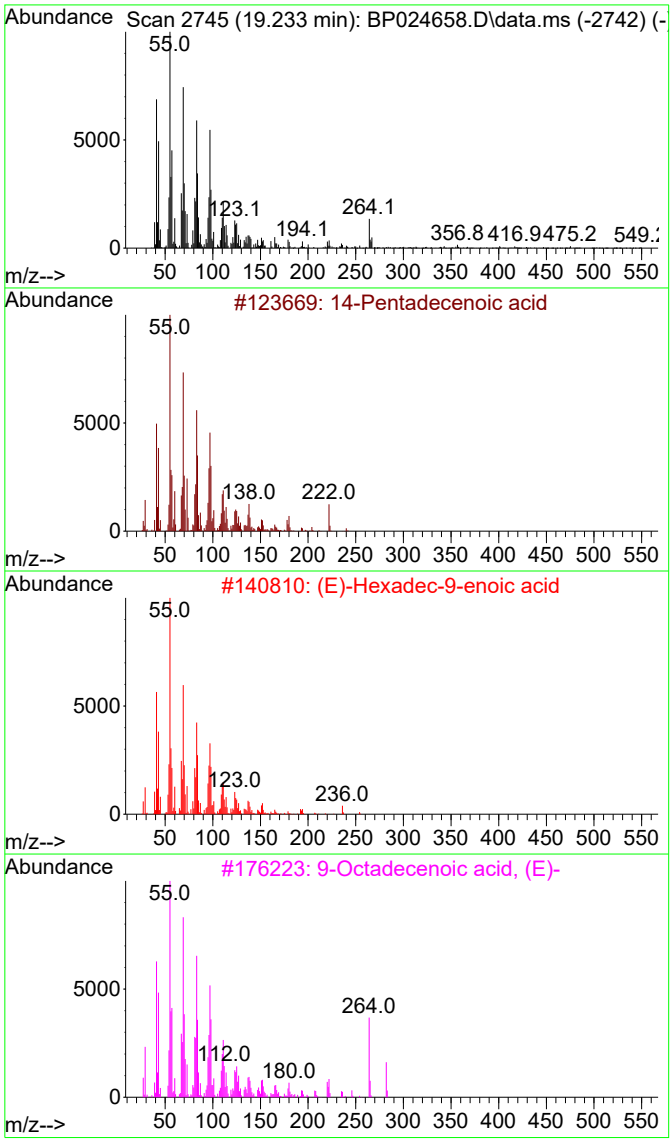
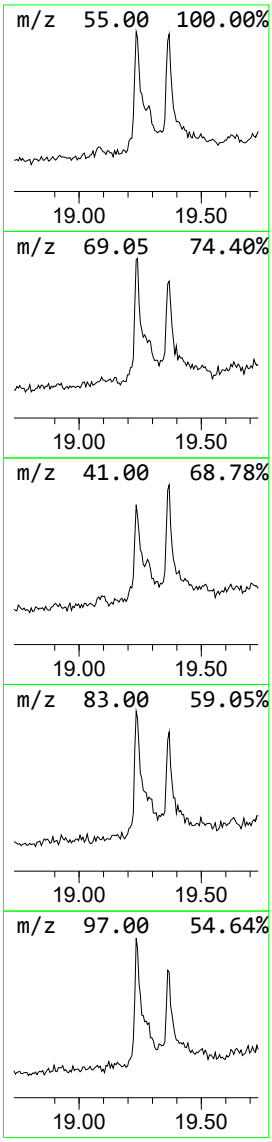
Peak Number 9 14-Pentadecenoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.233	3.12 ng	288965	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	14-Pentadecenoic acid	240	C15H28O2	017351-34-7	91
2	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	90
3	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	90
4	Oleic Acid	282	C18H34O2	000112-80-1	86
5	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	83





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Data File : BP024658.D
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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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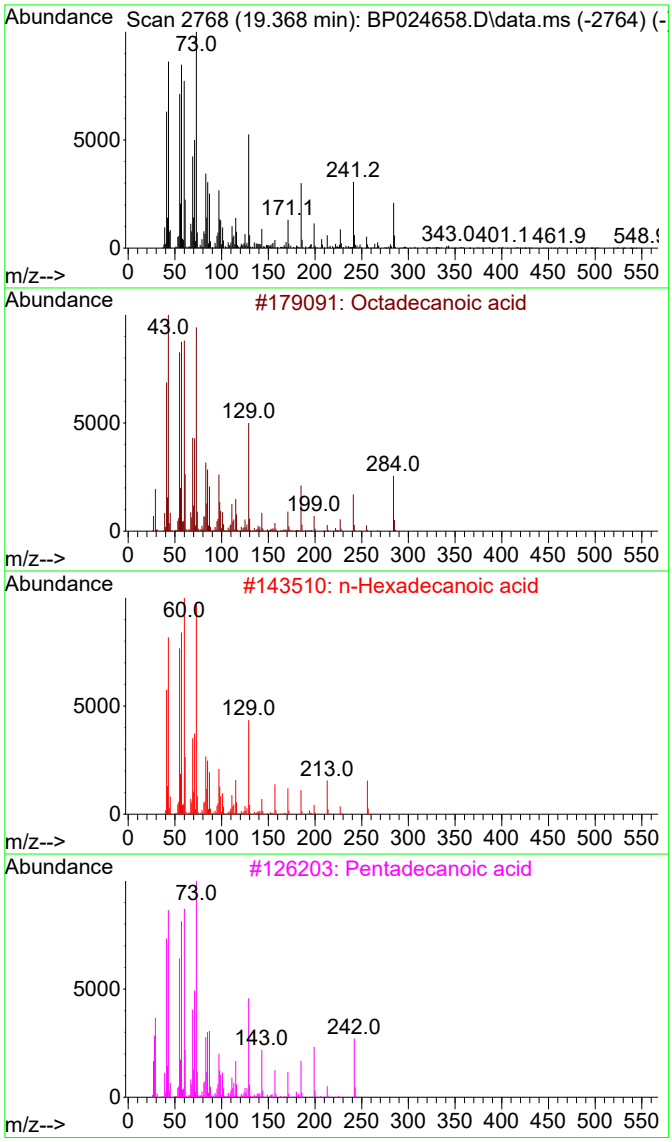
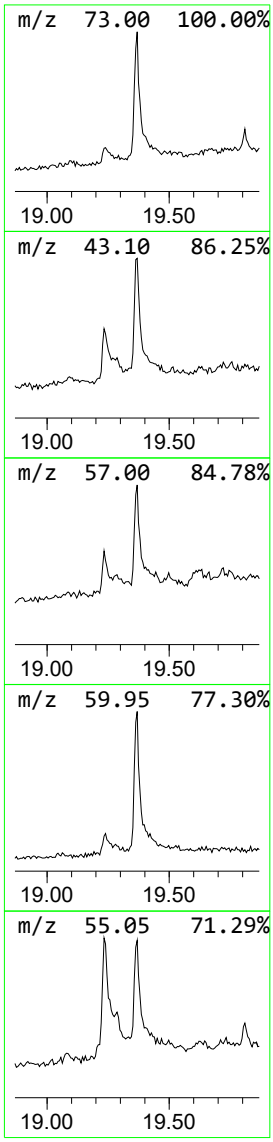
Peak Number 10 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.368	3.61 ng	408595	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024658.D
Acq On : 16 May 2025 15:36
Operator : RC/JU
Sample : Q1993-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

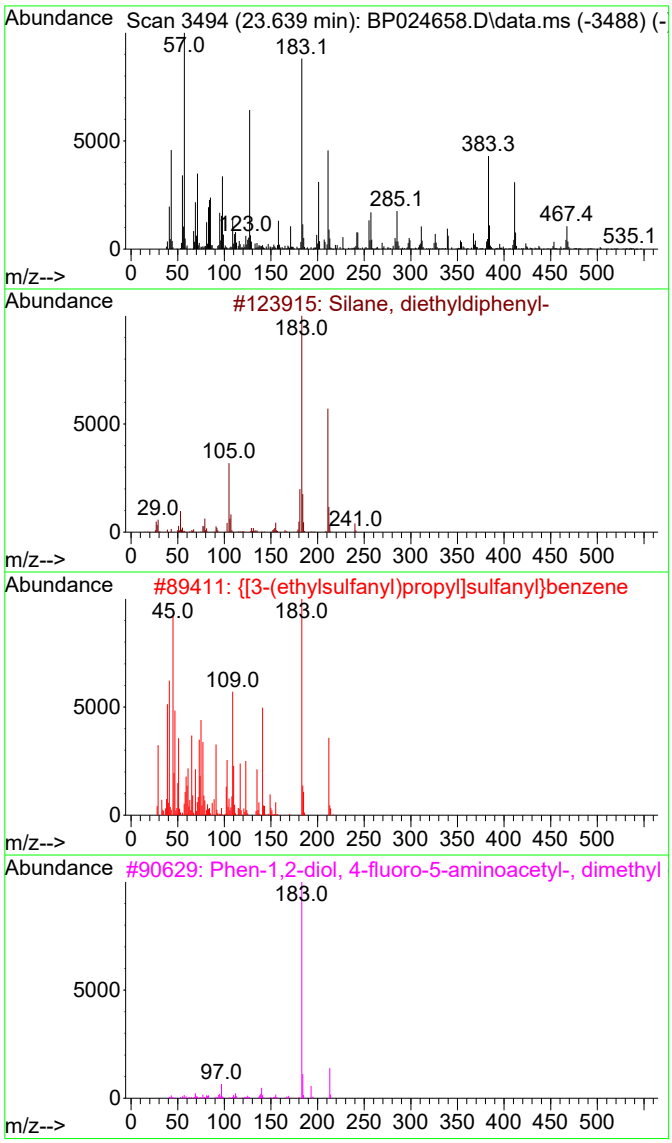
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

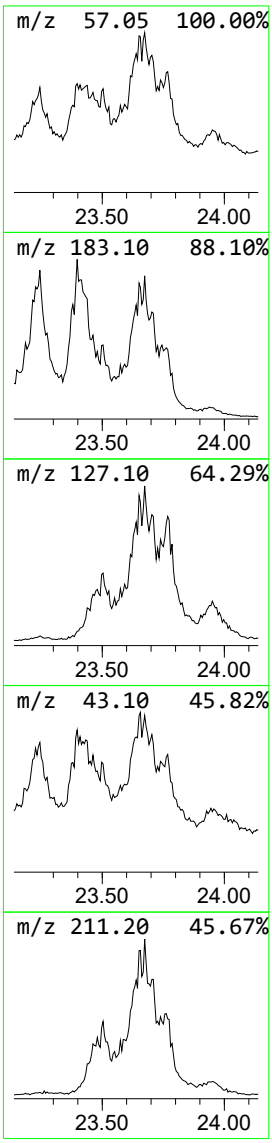
****

Peak Number 11 unknown23.639 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.639	4.85 ng	581276	Perylene-d12	24.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, diethyldiphenyl-	240	C16H20Si	017964-10-2	35
2	{[3-(ethylsulfanyl)propyl]sulfan...	212	C11H16S2	004911-42-6	18
3	Phen-1,2-diol, 4-fluoro-5-aminoa...	213	C10H12FNO3	1000130-37-2	18
4	4-Dibenzofuranamine	183	C12H9NO	050548-43-1	18
5	Phenoxazine	183	C12H9NO	000135-67-1	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024658.D
Acq On : 16 May 2025 15:36
Operator : RC/JU
Sample : Q1993-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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
2-Pentanone, 4-...	4.828	3.5	ng	138525	1	7.663	801762	20.0
Dodecanoic acid	14.751	6.3	ng	501488	3	14.292	1601590	20.0
Benzophenone	15.680	2.6	ng	210501	3	14.292	1601590	20.0
1-Octanol, 5,7,...	16.263	2.6	ng	244852	4	17.092	1850560	20.0
Hexacosyl trifl...	16.304	7.2	ng	665717	4	17.092	1850560	20.0
1-Tetracosene	16.345	5.5	ng	508682	4	17.092	1850560	20.0
Tetradecanoic acid	16.510	3.6	ng	335981	4	17.092	1850560	20.0
n-Hexadecanoic ...	18.039	9.1	ng	845129	4	17.092	1850560	20.0
14-Pentadecenoi...	19.233	3.1	ng	288965	4	17.092	1850560	20.0
Octadecanoic acid	19.368	3.6	ng	408595	5	21.515	2265200	20.0
unknown23.639	23.639	4.8	ng	581276	6	24.798	2399310	20.0