LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025177.D
Acq On : 17 Jul 2025 14:16
Operator : CG/JU
Sample : Q2602-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-266380

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-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025177.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.660	288	293	302	rVB	396631	544658	1.54%	0.296%
2	5.102	362	368	377	rBV	4598912	6353950	17.96%	3.457%
3	6.637	620	629	643	rBV	2625084	4109861	11.62%	2.236%
4	7.443	759	766	775	rBV	1953188	2956107	8.36%	1.608%
5	8.566	945	957	970	rBV	5720010	9504494	26.86%	5.171%
6	10.190	1226	1233	1242	rVB	2529891	4032241	11.40%	2.194%
7	11.878	1511	1520	1533	rBV	137626	421357	1.19%	0.229%
8	12.695	1652	1659	1672	rVB	14492600	23241687	65.69%	12.644%
9	14.101	1891	1898	1909	rBV2	3521982	6283844	17.76%	3.419%
10	14.742	2002	2007	2013	rBV	317139	452457	1.28%	0.246%
11	15.501	2131	2136	2147	rVB	624628	995121	2.81%	0.541%
12	15.636	2152	2159	2171	rVB	12209671	18483136	52.24%	10.055%
13	15.866	2190	2198	2199	rBV	369410	674020	1.91%	0.367%
14	15.895	2200	2203	2209	rVV3	374844	808036	2.28%	0.440%
15	15.978	2211	2217	2225	rVV2	1544208	3311616	9.36%	1.802%
16	16.107	2236	2239	2247	rVB2	395806	706147	2.00%	0.384%
17	16.360	2278	2282	2293	rVB3	154048	401063	1.13%	0.218%
18	16.448	2293	2297	2301	rBV	429134	646633	1.83%	0.352%
19	16.554	2310	2315	2322	rVB	1166700	1730087	4.89%	0.941%
20	16.913	2370	2376	2382	rBV2	5110452	6925531	19.57%	3.768%
21	17.913	2532	2546	2560	rBV	10928899	17658550	49.91%	9.607%
22	18.166	2585	2589	2592	rBV	410710	549870	1.55%	0.299%
23	18.213	2593	2597	2605	rVB	408214	622948	1.76%	0.339%
24	19.089	2743	2746	2748	rBV2	383326	507775	1.44%	0.276%
25	19.124	2748	2752	2761	rVB3	849358	1551186	4.38%	0.844%
26	19.254	2769	2774	2791	rVB	7433282	12069298	34.11%	6.566%
27	19.495	2809	2815	2819	rBV2	489863	880039	2.49%	0.479%
28	19.689	2842	2848	2853	rBV	27162686	35379708	100.00%	19.247%
29	20.060	2907	2911	2914	rBV	350912	459056	1.30%	0.250%
30	20.348	2956	2960	2964	rBV	1244070	1525760	4.31%	0.830%
31	20.460	2974	2979	2986	rVB	1405542	1945469	5.50%	1.058%
32	21.089	3082	3086	3092	rBV	558637	766272	2.17%	0.417%
33	21.354	3126	3131	3137	rVB2	5285196	7985299	22.57%	4.344%
34	24.506	3659	3667	3678	rVB	3676909	9333051	26.38%	5.077%

Sum of corrected areas: 183816327

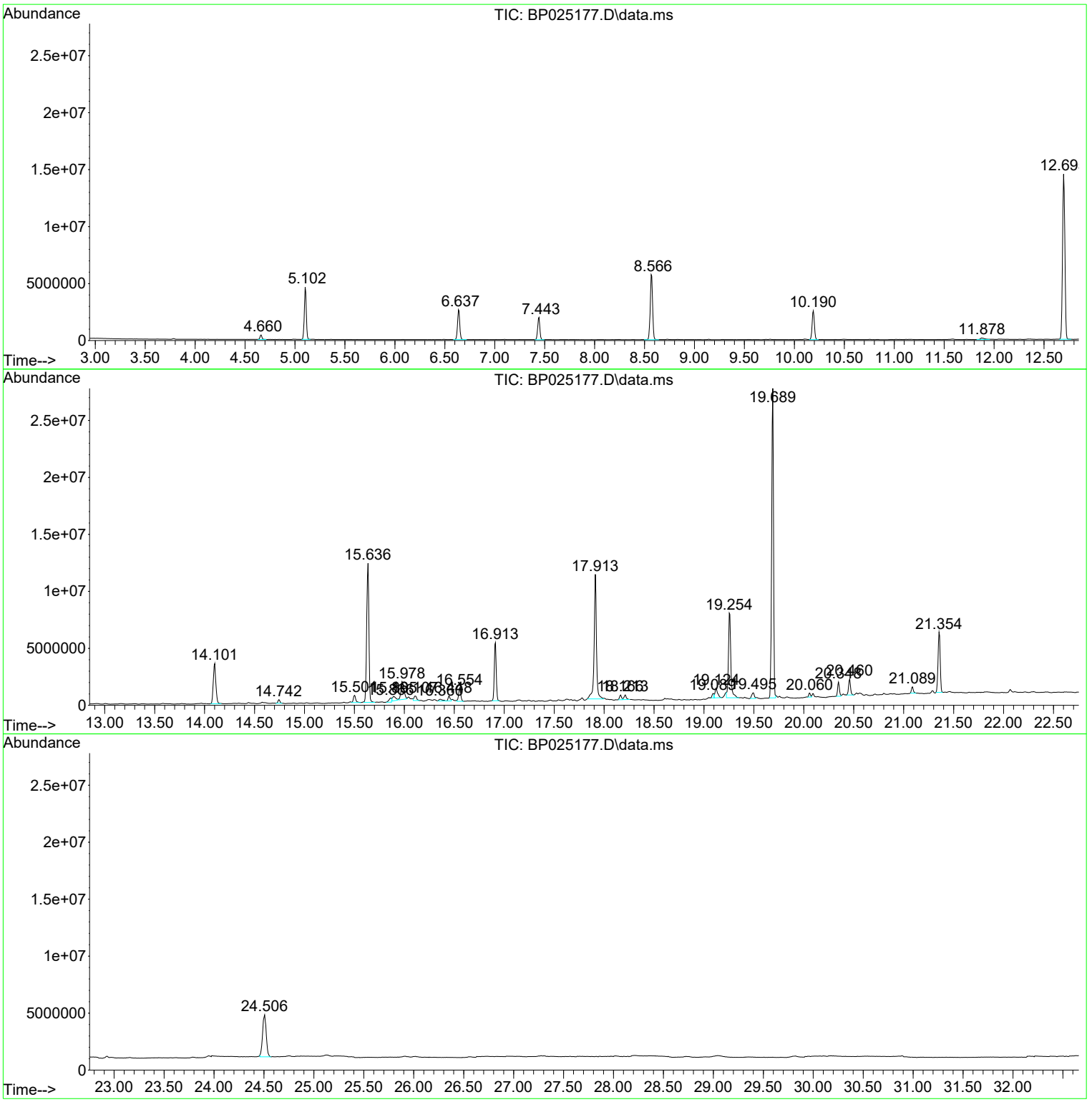
Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-266380

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025177.D
Acq On : 17 Jul 2025 14:16
Operator : CG/JU
Sample : Q2602-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-266380

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.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\BP071725\
Data File : BP025177.D
Acq On : 17 Jul 2025 14:16
Operator : CG/JU
Sample : Q2602-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-266380

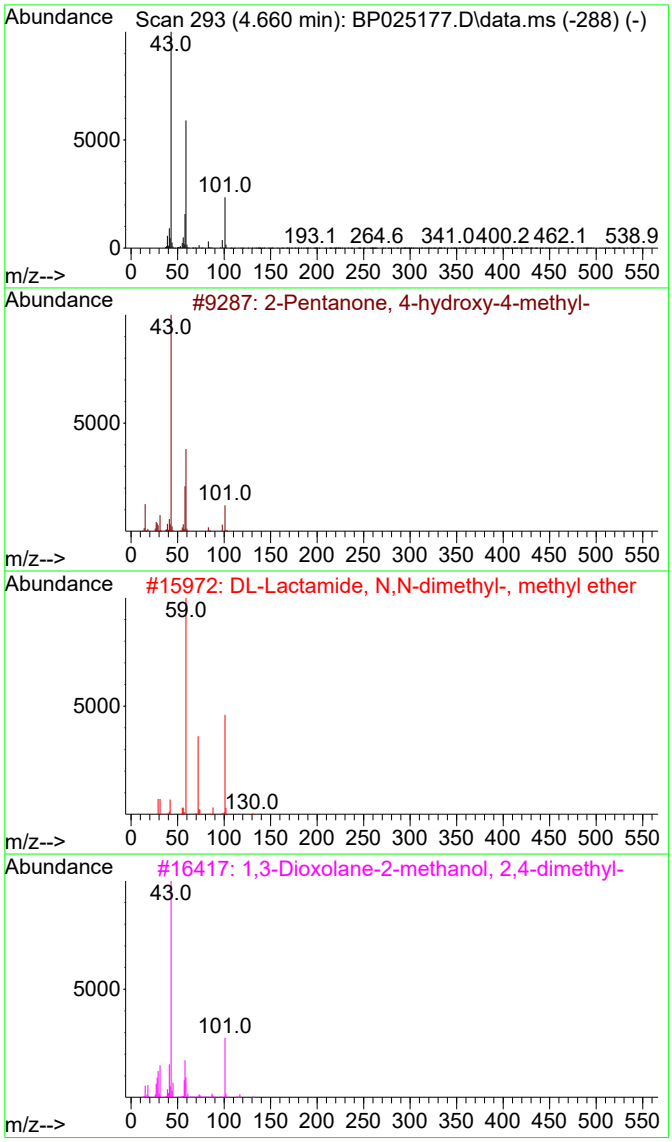
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

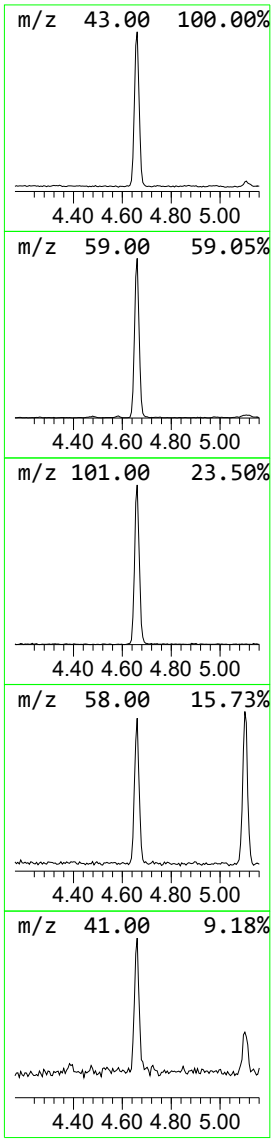
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.660	3.68 ng	544658	1,4-Dichlorobenzene-d4	7.443

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	DL-Lactamide, N,N-dimethyl-, met...	131	C6H13NO2	1000452-57-0	40
3	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
4	Tetraglyme	222	C10H22O5	000143-24-8	23
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025177.D
Acq On : 17 Jul 2025 14:16
Operator : CG/JU
Sample : Q2602-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-266380

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

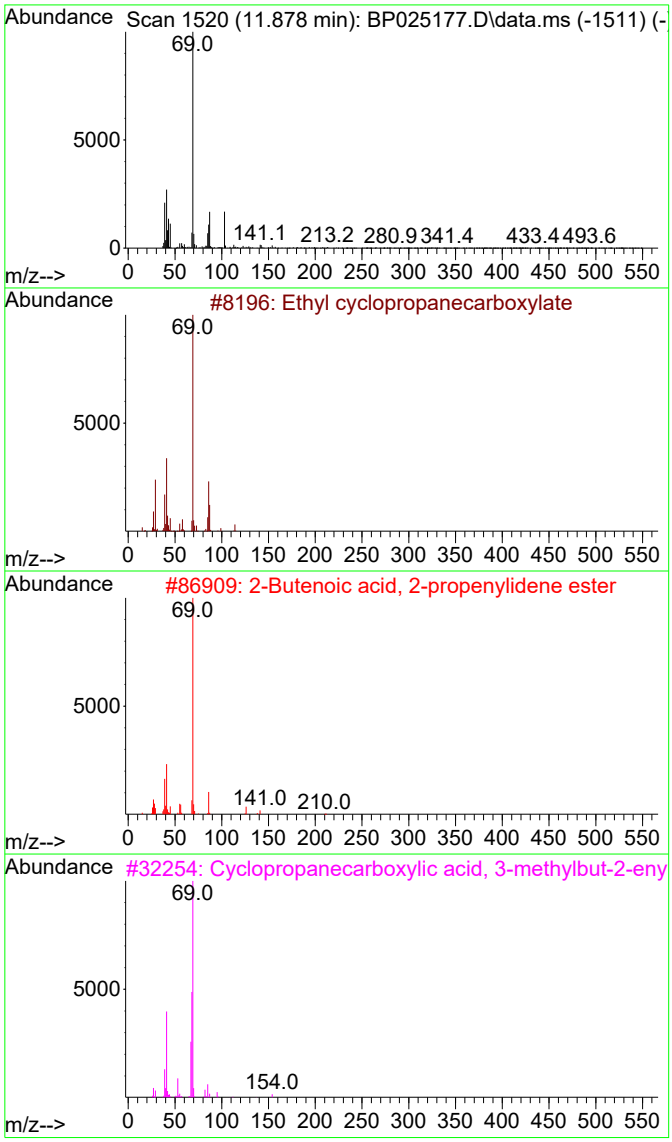
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

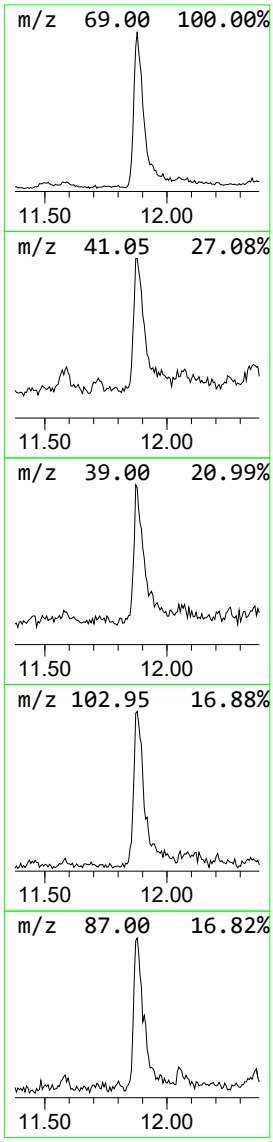
****

Peak Number 2 unknown11.878 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.878	2.09 ng	421357	Naphthalene-d8	10.190

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	45
2	2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	42
3	Cyclopropanecarboxylic acid, 3-m...	154	C9H14O2	1000299-37-4	40
4	Crotonic anhydride	154	C8H10O3	000623-68-7	38
5	Isoamyl crotonate	156	C9H16O2	1010429-17-3	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025177.D
Acq On : 17 Jul 2025 14:16
Operator : CG/JU
Sample : Q2602-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-266380

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

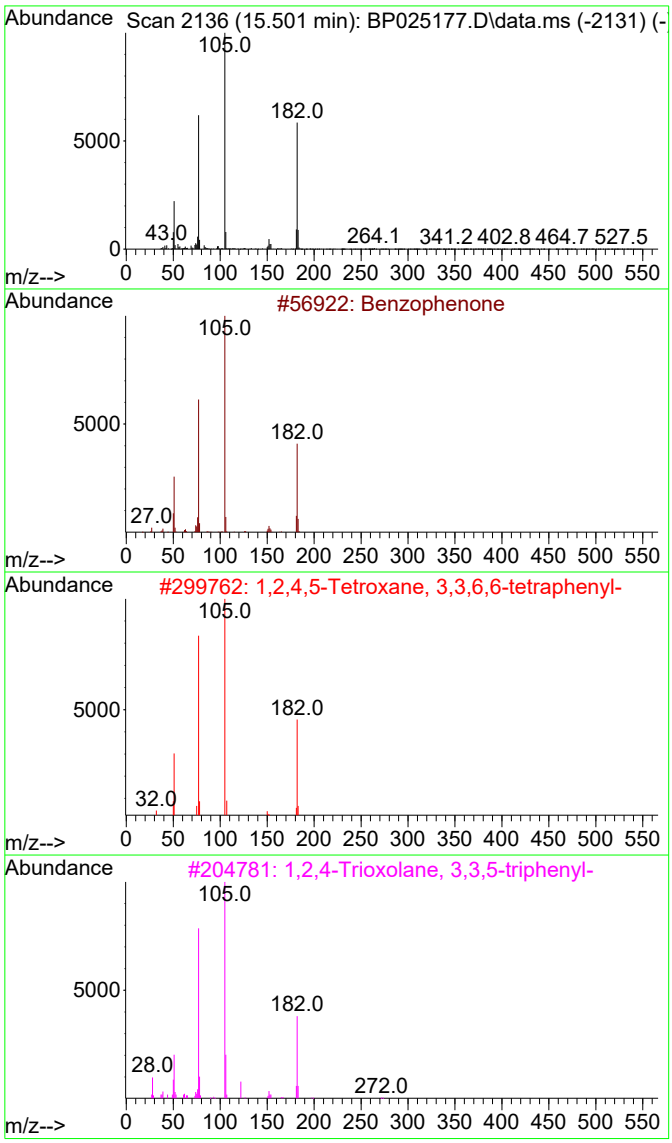
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

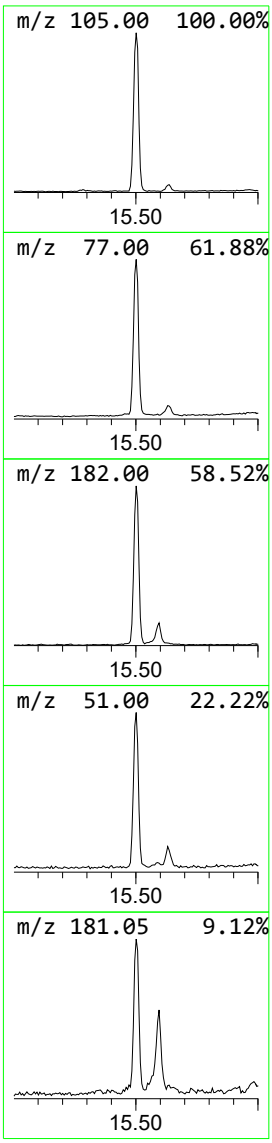
****

Peak Number 3 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.501	3.17 ng	995121	Acenaphthene-d10	14.101

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	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	56
4	Azobenzene, (E)-	182	C12H10N2	017082-12-1	40
5	Azobenzene	182	C12H10N2	000103-33-3	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025177.D
Acq On : 17 Jul 2025 14:16
Operator : CG/JU
Sample : Q2602-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-266380

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

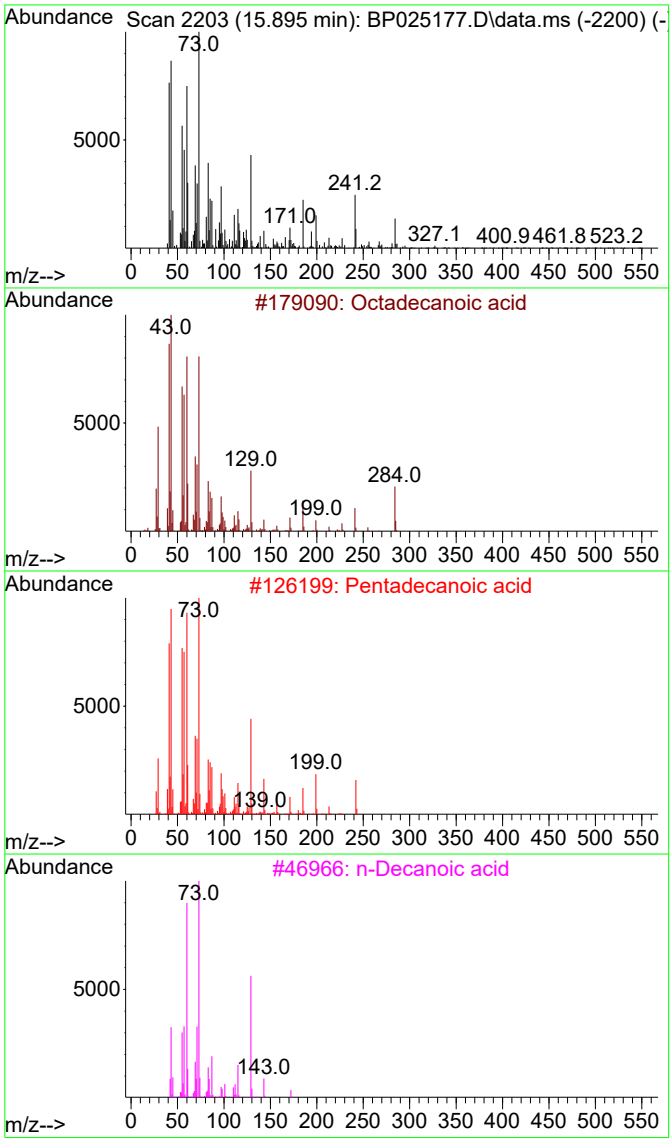
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

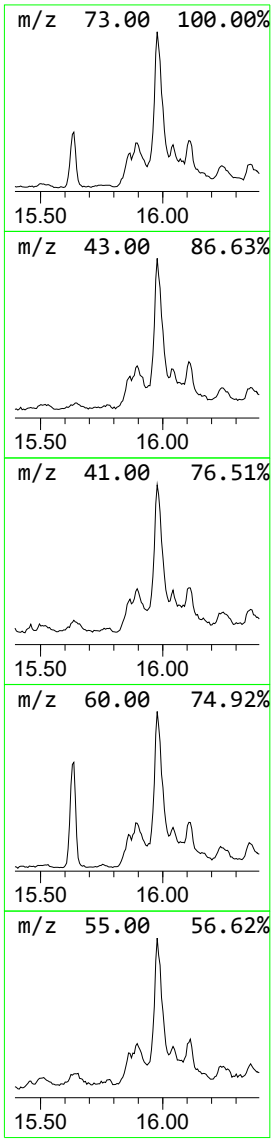
****

Peak Number 4 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.895	2.33 ng	808036	Phenanthrene-d10	16.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
3	n-Decanoic acid	172	C10H20O2	000334-48-5	55
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025177.D
Acq On : 17 Jul 2025 14:16
Operator : CG/JU
Sample : Q2602-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-266380

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

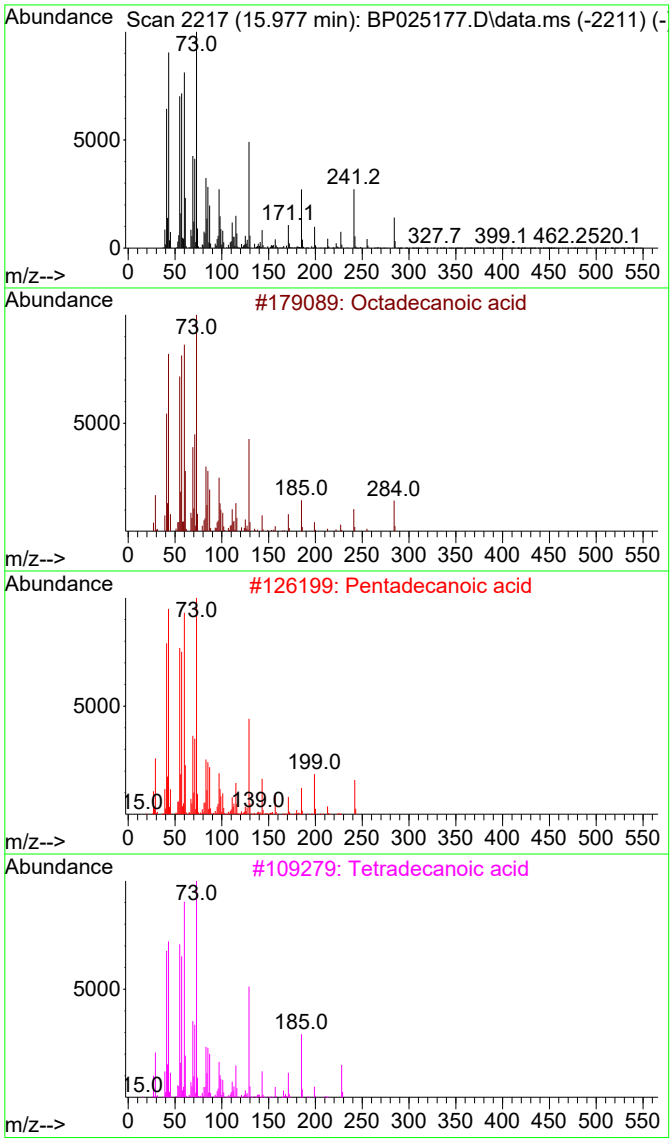
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

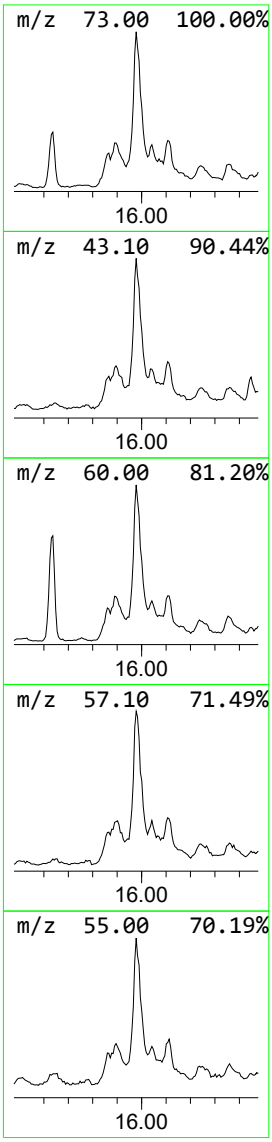
****

Peak Number 5 Pentadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.977	9.56 ng	3311620	Phenanthrene-d10	16.913

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	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025177.D
Acq On : 17 Jul 2025 14:16
Operator : CG/JU
Sample : Q2602-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-266380

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

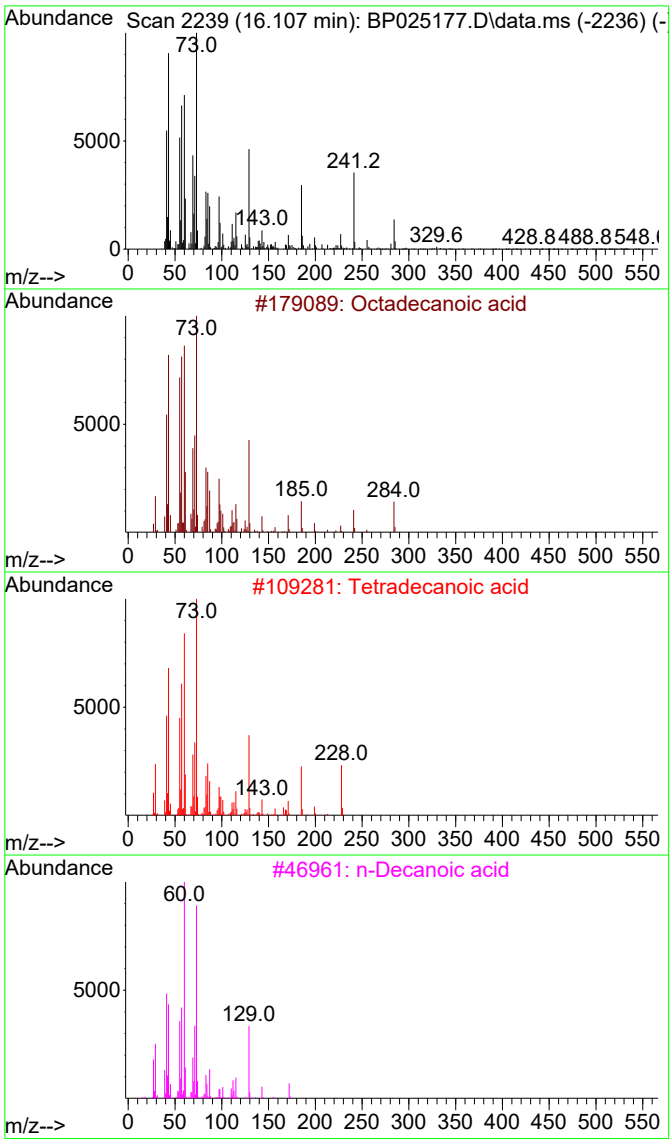
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

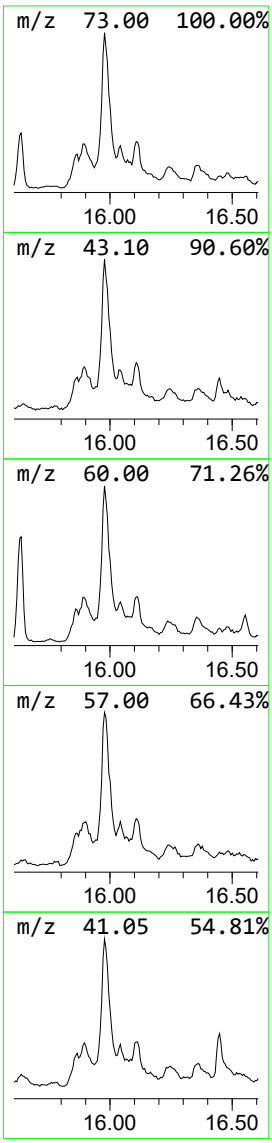
****

Peak Number 6 Tetradecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.107	2.04 ng	706147	Phenanthrene-d10	16.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	n-Decanoic acid	172	C10H20O2	000334-48-5	55
4	Dodecanoic acid	200	C12H24O2	000143-07-7	53
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025177.D
Acq On : 17 Jul 2025 14:16
Operator : CG/JU
Sample : Q2602-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-266380

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

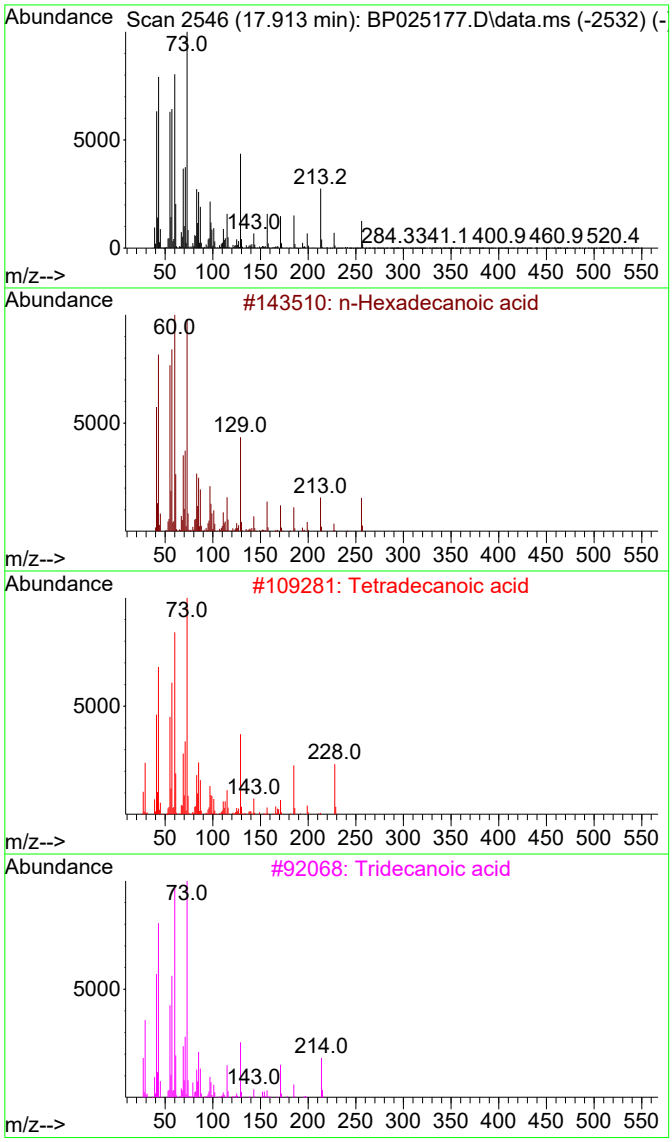
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

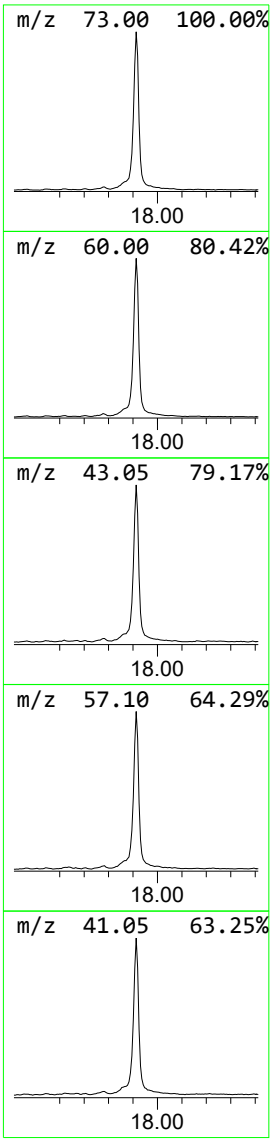
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.913	51.00 ng	17658600	Phenanthrene-d10	16.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025177.D
Acq On : 17 Jul 2025 14:16
Operator : CG/JU
Sample : Q2602-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-266380

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

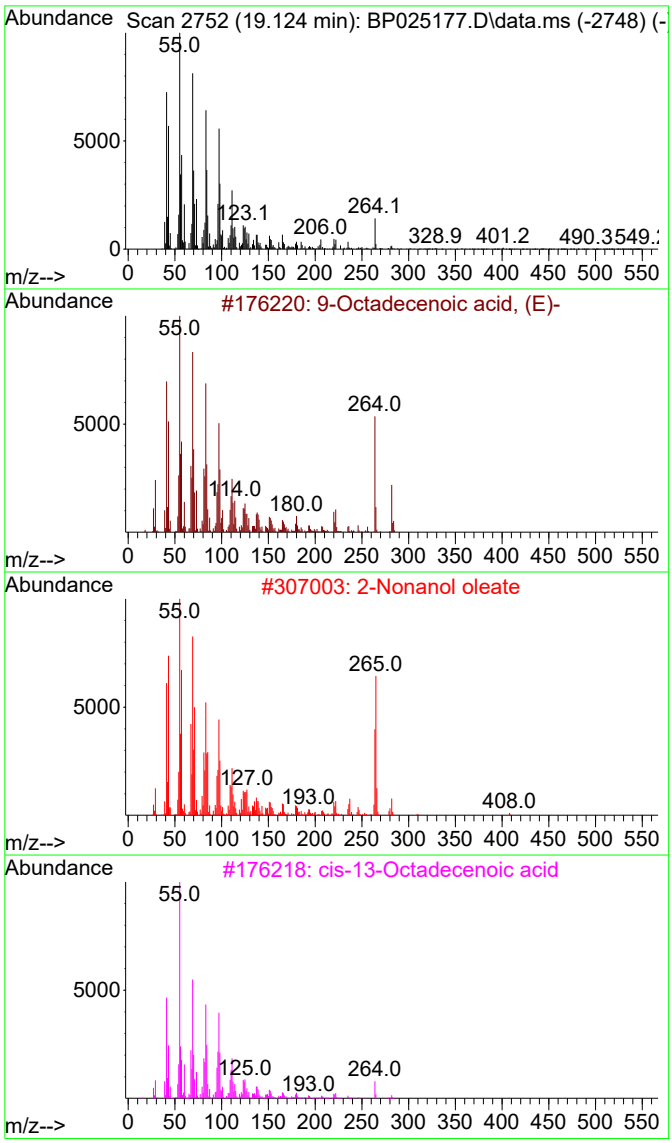
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

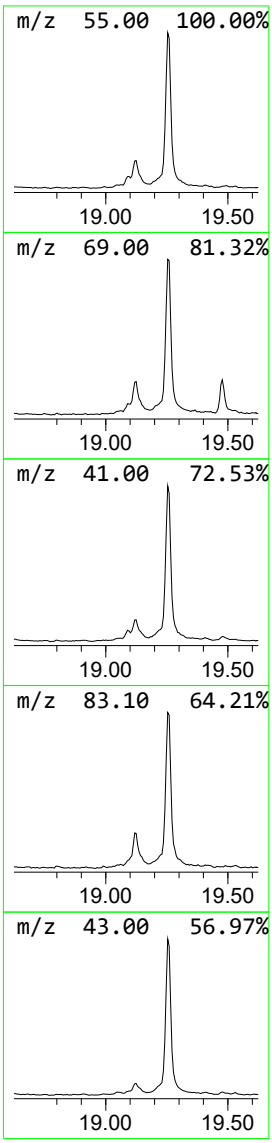
****

Peak Number 8 9-Octadecenoic acid, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.124	4.48 ng	1551190	Phenanthrene-d10	16.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	96
2	2-Nonanol oleate	408	C27H52O2	1096360-61-0	80
3	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	78
4	Oleic Acid	282	C18H34O2	000112-80-1	78
5	Oleyl alcohol, trifluoroacetate	364	C20H35F3O2	1000352-68-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025177.D
Acq On : 17 Jul 2025 14:16
Operator : CG/JU
Sample : Q2602-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-266380

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

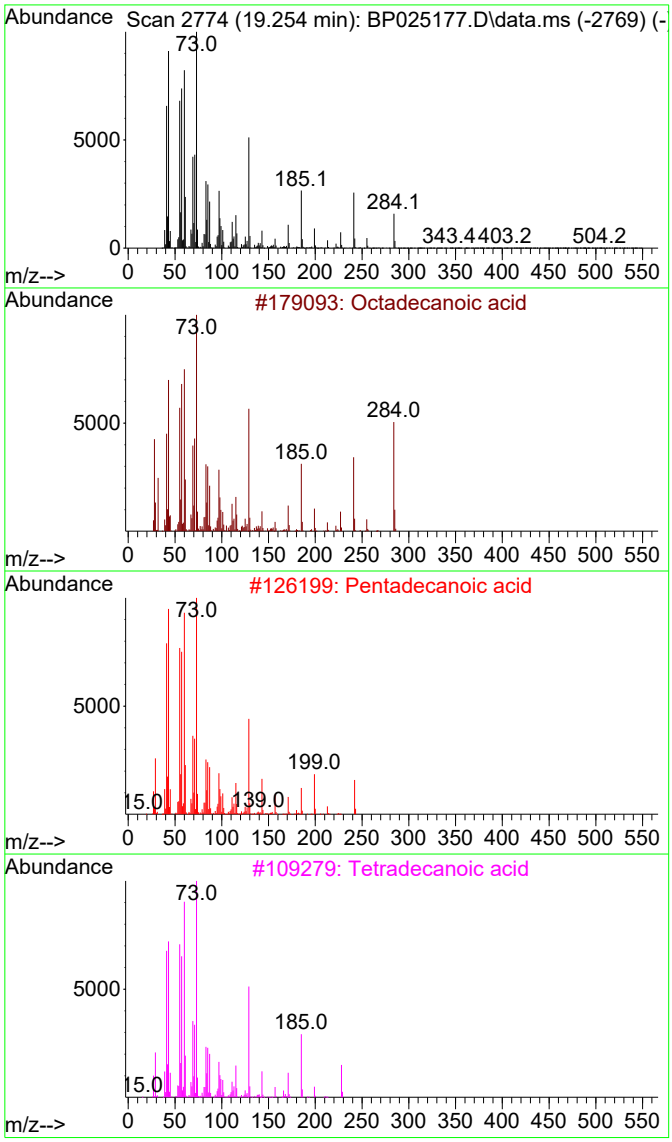
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

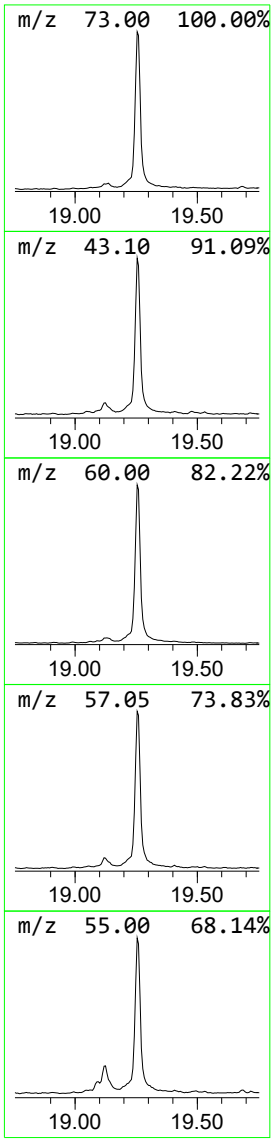
****

Peak Number 9 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.254	30.23 ng	12069300	Chrysene-d12	21.354

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	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025177.D
Acq On : 17 Jul 2025 14:16
Operator : CG/JU
Sample : Q2602-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-266380

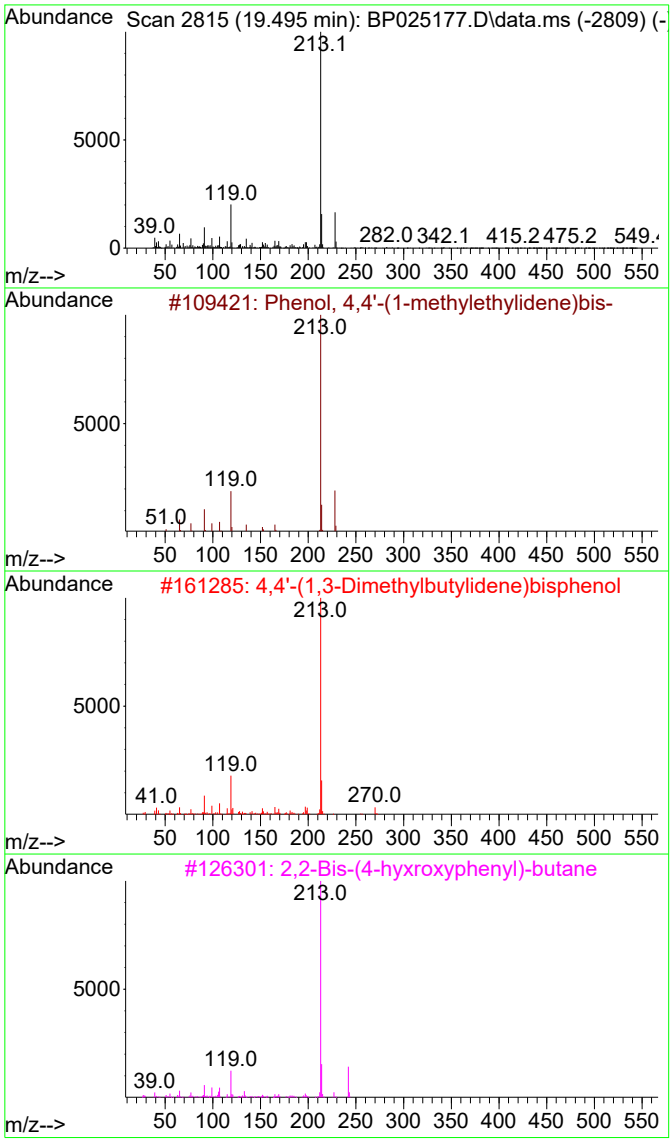
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

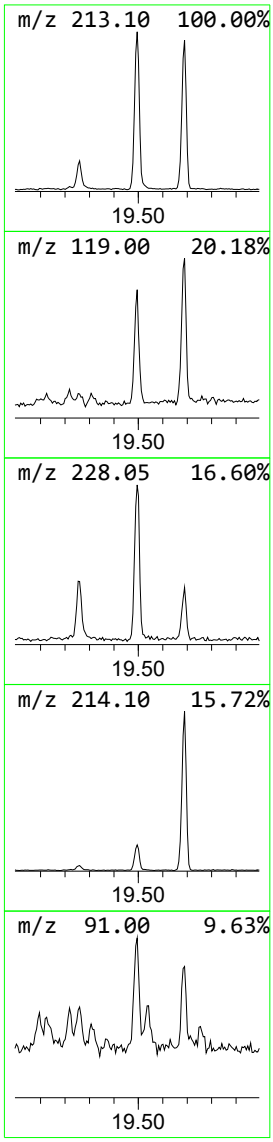
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenol, 4,4'-(1-methylethyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.495	2.20 ng	880039	Chrysene-d12	21.354

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	98
2	4,4'-(1,3-Dimethylbutylidene)bis...	270	C18H22O2	006807-17-6	72
3	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	72
4	Diphenolic acid	286	C17H18O4	000126-00-1	59
5	2,5-bis(Trimethylsilyl)thiophene	228	C10H20SSi2	017906-71-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025177.D
Acq On : 17 Jul 2025 14:16
Operator : CG/JU
Sample : Q2602-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-266380

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

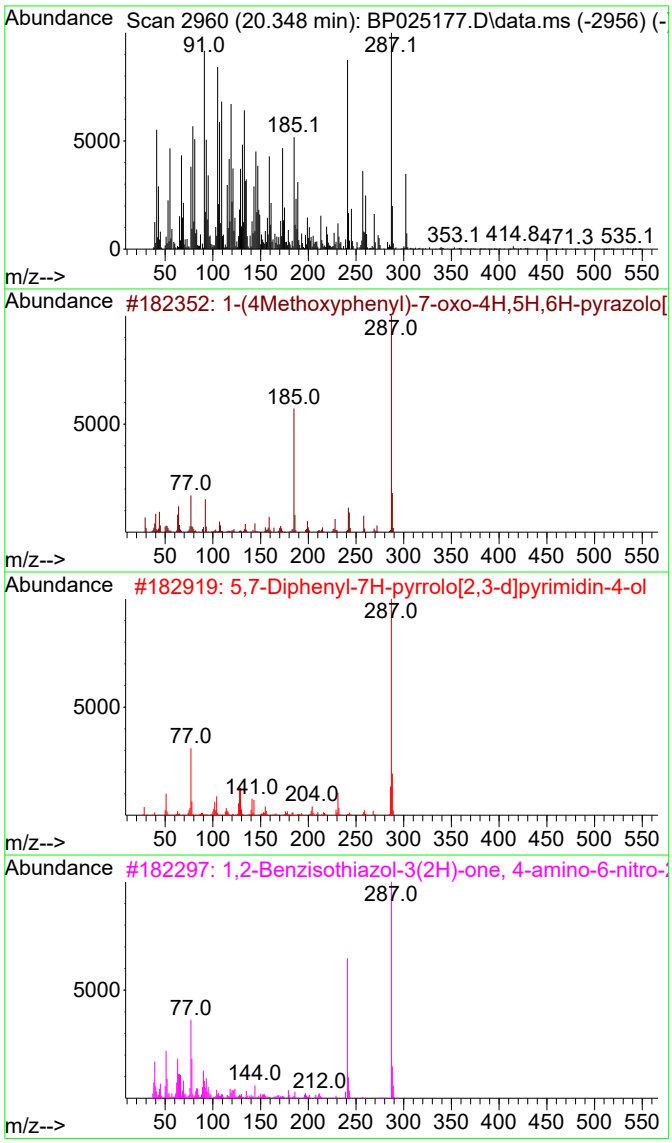
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

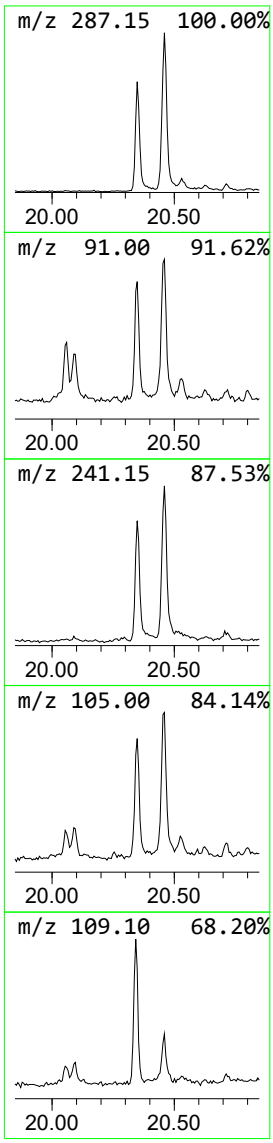
****

Peak Number 11 unknown20.348 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.348	3.82 ng	1525760	Chrysene-d12	21.354

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4Methoxyphenyl)-7-oxo-4H,5H,6...	287	C14H13N3O4	1000444-27-3	47
2	5,7-Diphenyl-7H-pyrrolo[2,3-d]py...	287	C18H13N3O	287177-12-2	45
3	1,2-Benzisothiazol-3(2H)-one, 4-...	287	C13H9N3O3S	1000277-42-1	38
4	2,4-Diethyl-4,4A-dihydro-1H-(1,3...	287	C15H17N3O3	1000433-50-9	30
5	3-Amino-4-(2-thienyl)thieno[2,3-...	287	C12H5N3S3	1000266-35-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025177.D
Acq On : 17 Jul 2025 14:16
Operator : CG/JU
Sample : Q2602-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-266380

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

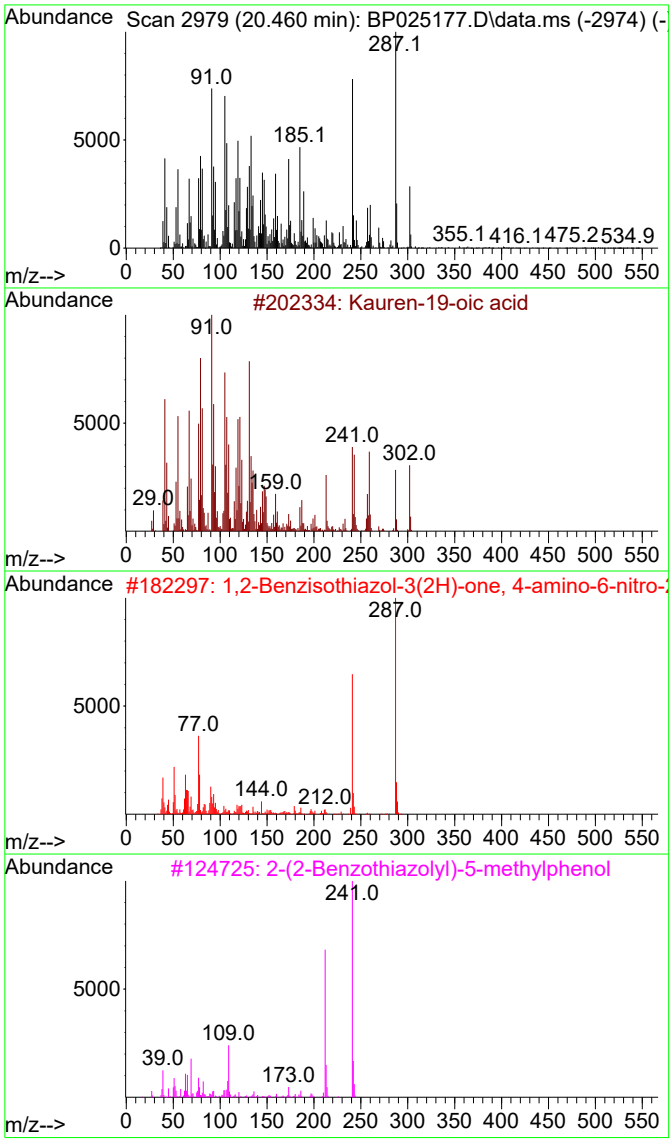
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

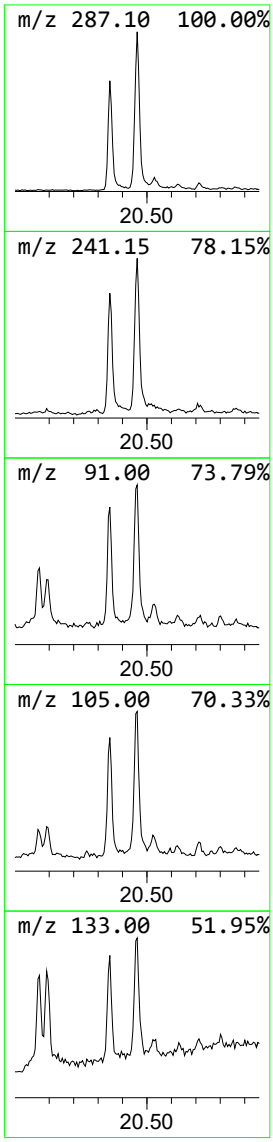
****

Peak Number 12 unknown20.460 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.460	4.87 ng	1945470	Chrysene-d12	21.354

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Kauren-19-oic acid	302	C20H30O2	006730-83-2	38
2	1,2-Benzisothiazol-3(2H)-one, 4-...	287	C13H9N3O3S	1000277-42-1	38
3	2-(2-Benzothiazolyl)-5-methylphenol	241	C14H11NOS	056048-54-5	25
4	5,7-Diphenyl-7H-pyrrolo[2,3-d]py...	287	C18H13N3O	287177-12-2	25
5	Isopimaric acid	302	C20H30O2	005835-26-7	20





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025177.D
Acq On : 17 Jul 2025 14:16
Operator : CG/JU
Sample : Q2602-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-266380

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.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-...	4.660	3.7	ng	544658	1	7.443	2956110	20.0
unknown11.878	11.878	2.1	ng	421357	2	10.190	4032240	20.0
Benzophenone	15.501	3.2	ng	995121	3	14.101	6283840	20.0
Octadecanoic acid	15.895	2.3	ng	808036	4	16.913	6925530	20.0
Pentadecanoic acid	15.977	9.6	ng	3311620	4	16.913	6925530	20.0
Tetradecanoic acid	16.107	2.0	ng	706147	4	16.913	6925530	20.0
n-Hexadecanoic ...	17.913	51.0	ng	17658600	4	16.913	6925530	20.0
9-Octadecenoic ...	19.124	4.5	ng	1551190	4	16.913	6925530	20.0
Tridecanoic acid	19.254	30.2	ng	12069300	5	21.354	7985300	20.0
Phenol, 4,4'-(1...	19.495	2.2	ng	880039	5	21.354	7985300	20.0
unknown20.348	20.348	3.8	ng	1525760	5	21.354	7985300	20.0
unknown20.460	20.460	4.9	ng	1945470	5	21.354	7985300	20.0