LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
Data File : BP025022.D
Acq On : 20 Jun 2025 17:44
Operator : RC/JU
Sample : Q2367-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EP-5

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-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025022.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.772	306	312	323	rBV	294424	459121	4.43%	0.717%
2	5.237	385	391	419	rBV	3064261	5168211	49.87%	8.075%
3	6.813	651	659	687	rBV	2507750	5019116	48.43%	7.842%
4	7.602	785	793	806	rBV	1035759	1754800	16.93%	2.742%
5	8.760	982	990	1010	rBV	1630221	3242118	31.28%	5.065%
6	10.372	1255	1264	1280	rBV	1186823	2175059	20.99%	3.398%
7	12.854	1677	1686	1705	rBV	4661087	7215779	69.63%	11.274%
8	14.248	1917	1923	1940	rBV	1702074	2641648	25.49%	4.127%
9	15.636	2153	2159	2174	rBV	605762	1029291	9.93%	1.608%
10	15.778	2177	2183	2208	rVV	3221784	5413740	52.24%	8.458%
11	16.213	2252	2257	2267	rVB	162477	258279	2.49%	0.404%
12	17.060	2395	2401	2406	rBV	2080055	2963822	28.60%	4.631%
13	18.001	2555	2561	2576	rBV2	769384	1393161	13.44%	2.177%
14	18.889	2704	2712	2721	rBV4	224084	473415	4.57%	0.740%
15	19.201	2760	2765	2771	rBV	207977	319213	3.08%	0.499%
16	19.330	2783	2787	2793	rBV	225371	377957	3.65%	0.591%
17	19.571	2824	2828	2837	rVB	159602	330486	3.19%	0.516%
18	19.783	2858	2864	2873	rBV	9412978	10363342	100.00%	16.191%
19	20.089	2912	2916	2919	rBV3	199640	291276	2.81%	0.455%
20	20.260	2942	2945	2950	rBV6	135778	218843	2.11%	0.342%
21	20.460	2977	2979	2983	rVB	139916	136068	1.31%	0.213%
22	20.518	2983	2989	3000	rBV	1618047	2361072	22.78%	3.689%
23	21.148	3092	3096	3105	rVB	673942	1115317	10.76%	1.743%
24	21.495	3148	3155	3167	rBV	2515334	4307214	41.56%	6.729%
25	23.224	3445	3449	3456	rVB	359526	661007	6.38%	1.033%
26	24.765	3702	3711	3721	rBV	1455568	4316023	41.65%	6.743%

Sum of corrected areas: 64005378

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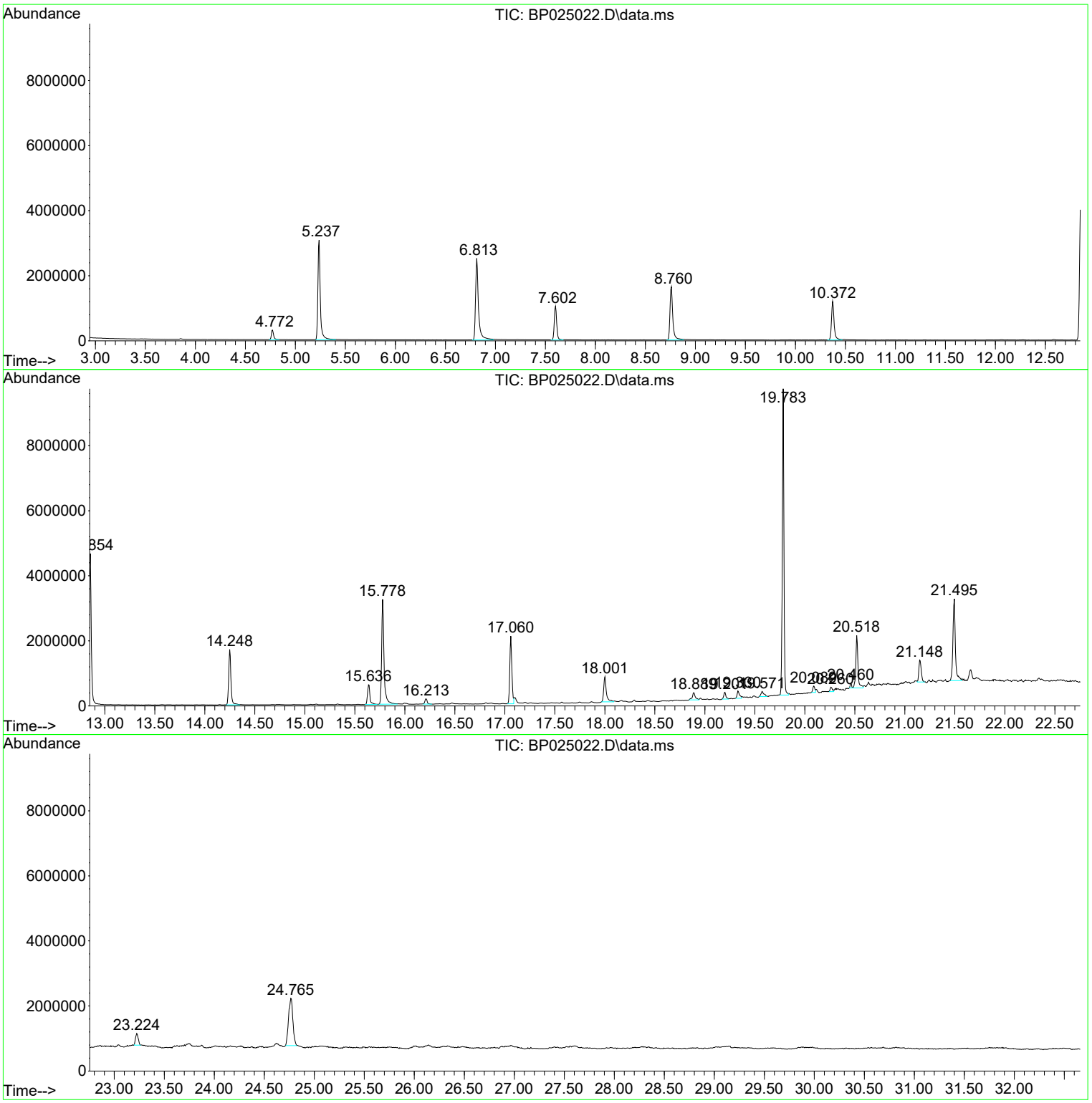
Operator : RC/JU
Sample : Q2367-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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\BP062025\
Data File : BP025022.D
Acq On : 20 Jun 2025 17:44
Operator : RC/JU
Sample : Q2367-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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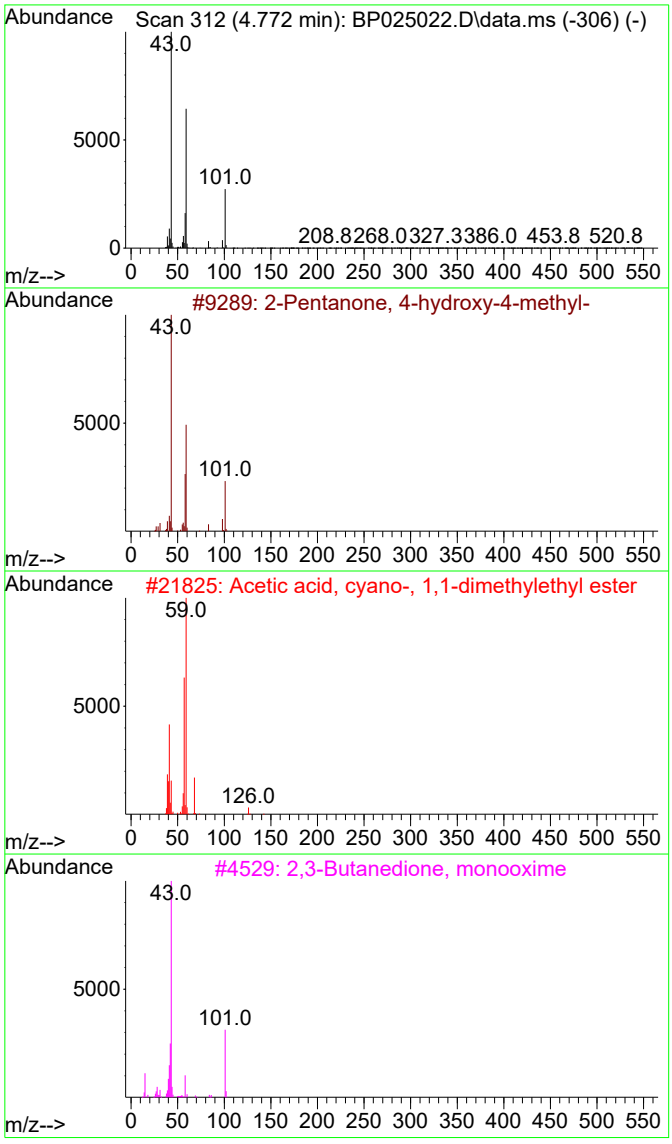
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

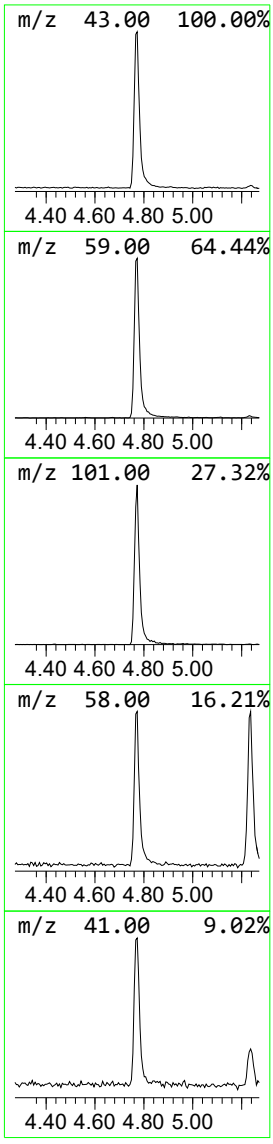
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.772	5.23 ng	459121	1,4-Dichlorobenzene-d4	7.602

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Data File : BP025022.D
Acq On : 20 Jun 2025 17:44
Operator : RC/JU
Sample : Q2367-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

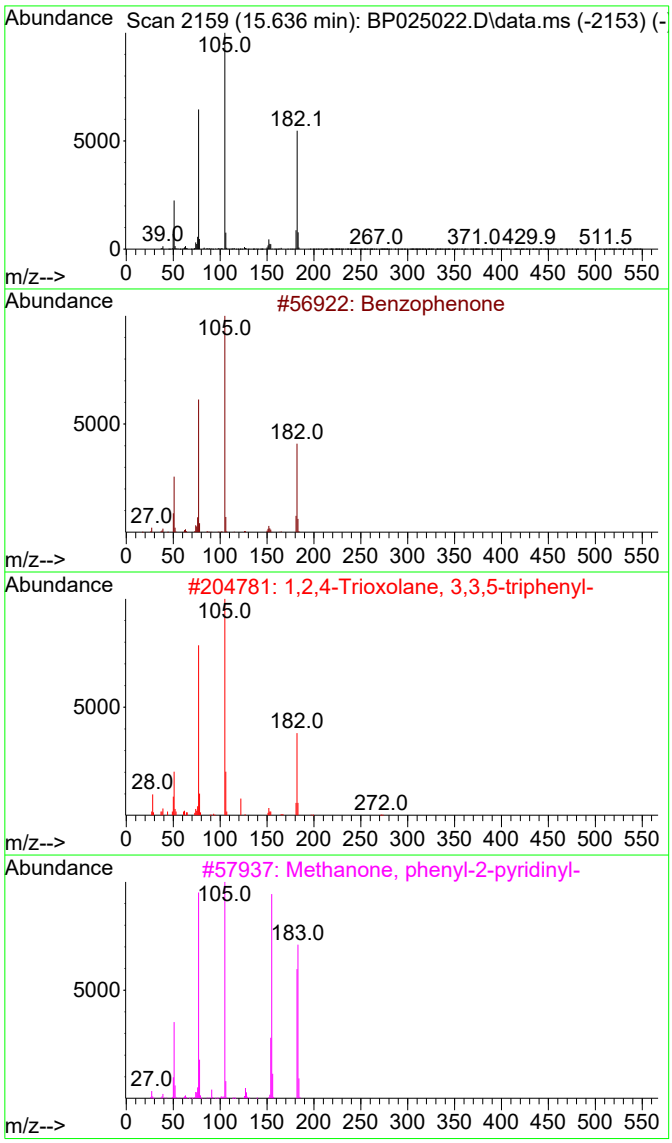
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

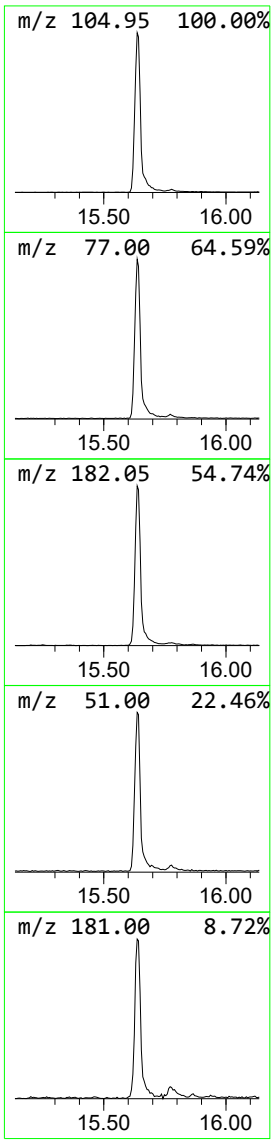
****

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.636	7.79 ng	1029290	Acenaphthene-d10	14.248

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	64
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	50
4	Azobenzene	182	C12H10N2	000103-33-3	45
5	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
Data File : BP025022.D
Acq On : 20 Jun 2025 17:44
Operator : RC/JU
Sample : Q2367-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

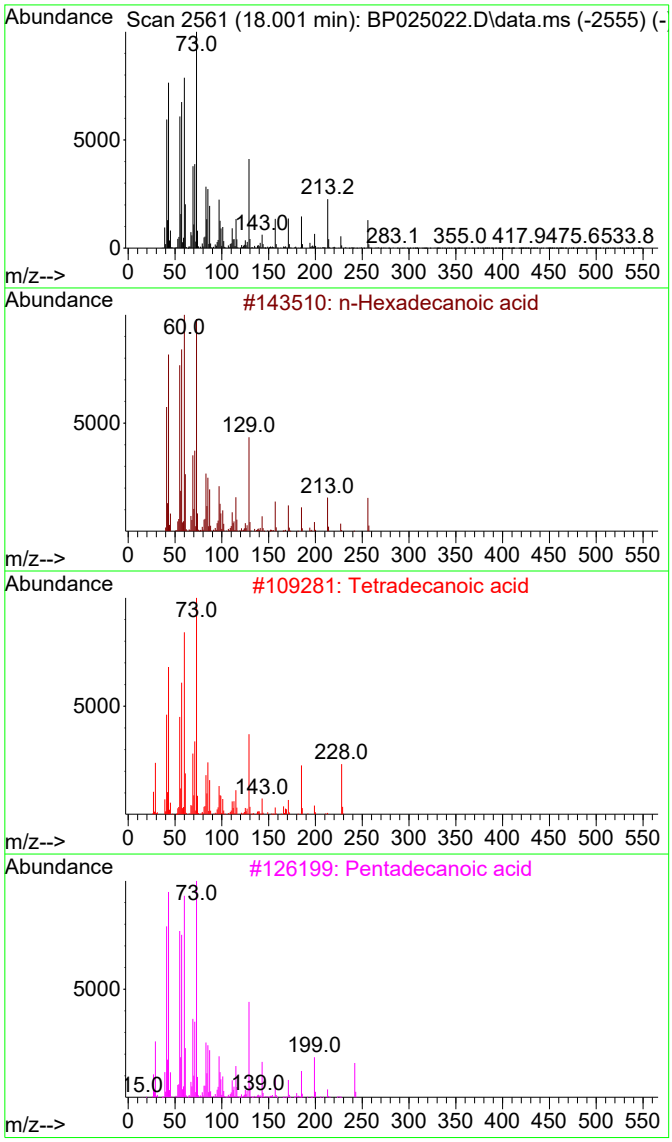
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

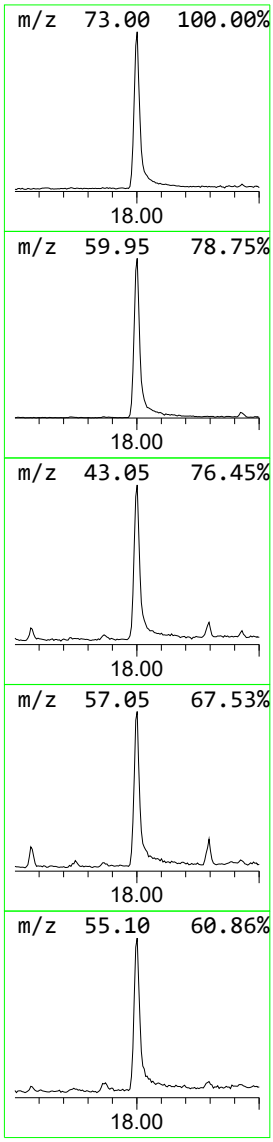
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.001	9.40 ng	1393160	Phenanthrene-d10	17.060

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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
Data File : BP025022.D
Acq On : 20 Jun 2025 17:44
Operator : RC/JU
Sample : Q2367-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

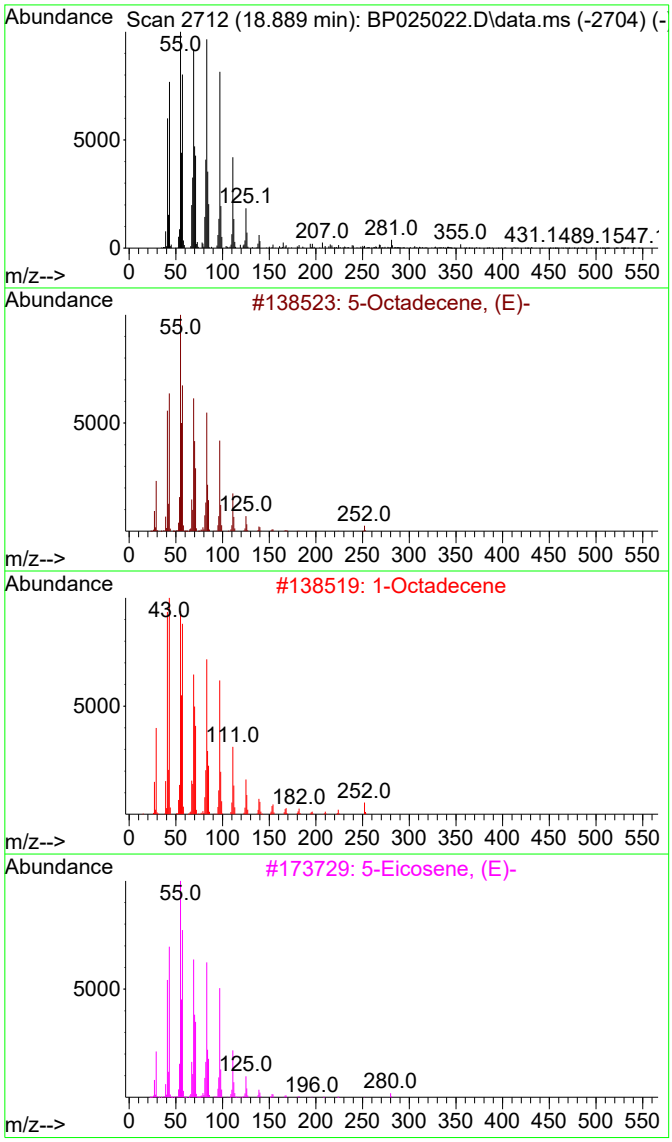
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

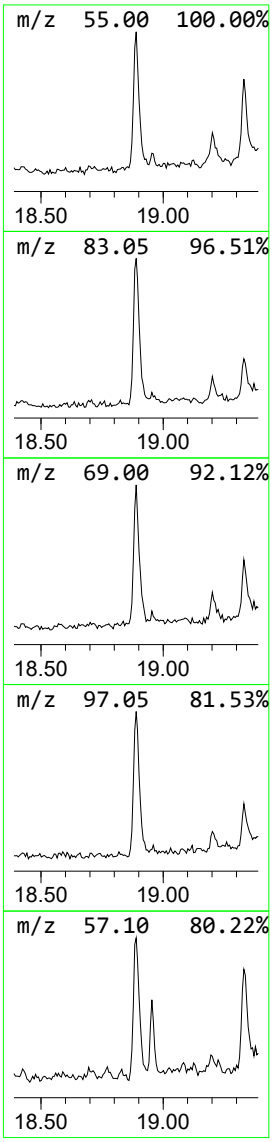
****

Peak Number 4 5-Octadecene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.889	3.19 ng	473415	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	99
2	1-Octadecene	252	C18H36	000112-88-9	99
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
4	Cyclohexadecane	224	C16H32	000295-65-8	97
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
Data File : BP025022.D
Acq On : 20 Jun 2025 17:44
Operator : RC/JU
Sample : Q2367-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

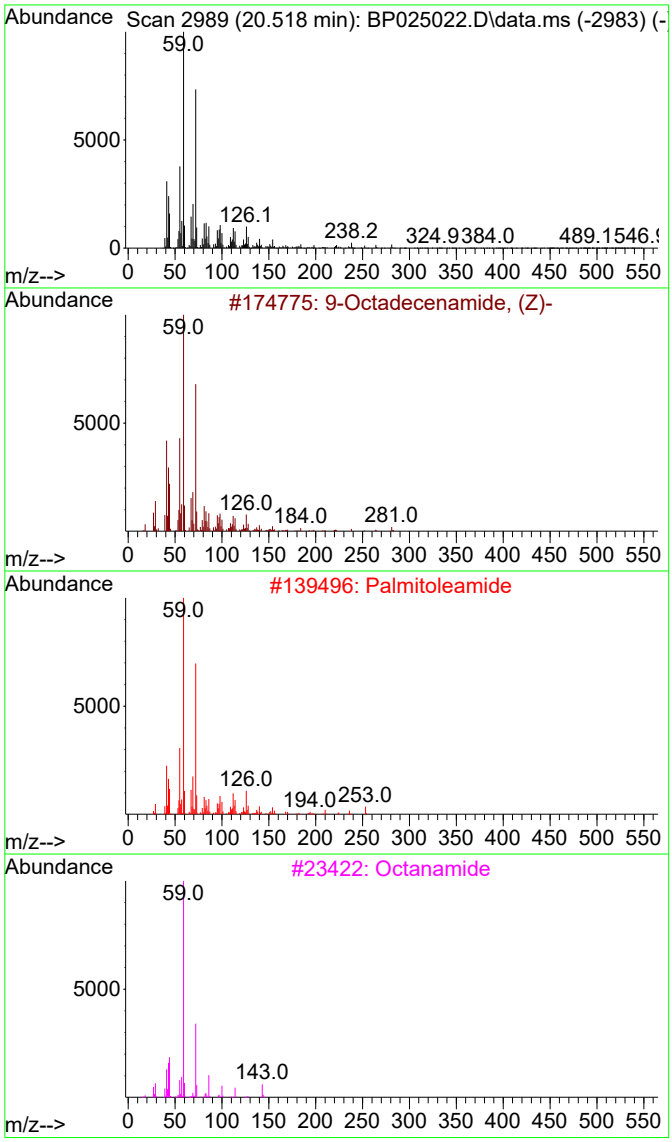
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

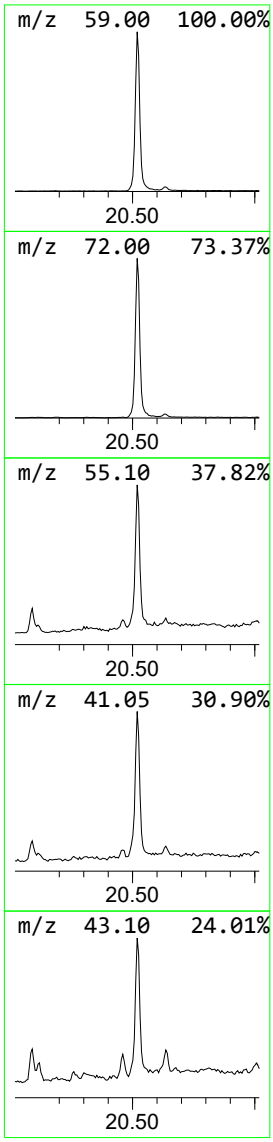
****

Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.519	10.96 ng	2361070	Chrysene-d12	21.495

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	99
2	Palmitoleamide	253	C16H31NO	106010-22-4	78
3	Octanamide	143	C8H17NO	000629-01-6	47
4	Dodecanamide	199	C12H25NO	001120-16-7	47
5	Octadecanamide	283	C18H37NO	000124-26-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
Data File : BP025022.D
Acq On : 20 Jun 2025 17:44
Operator : RC/JU
Sample : Q2367-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

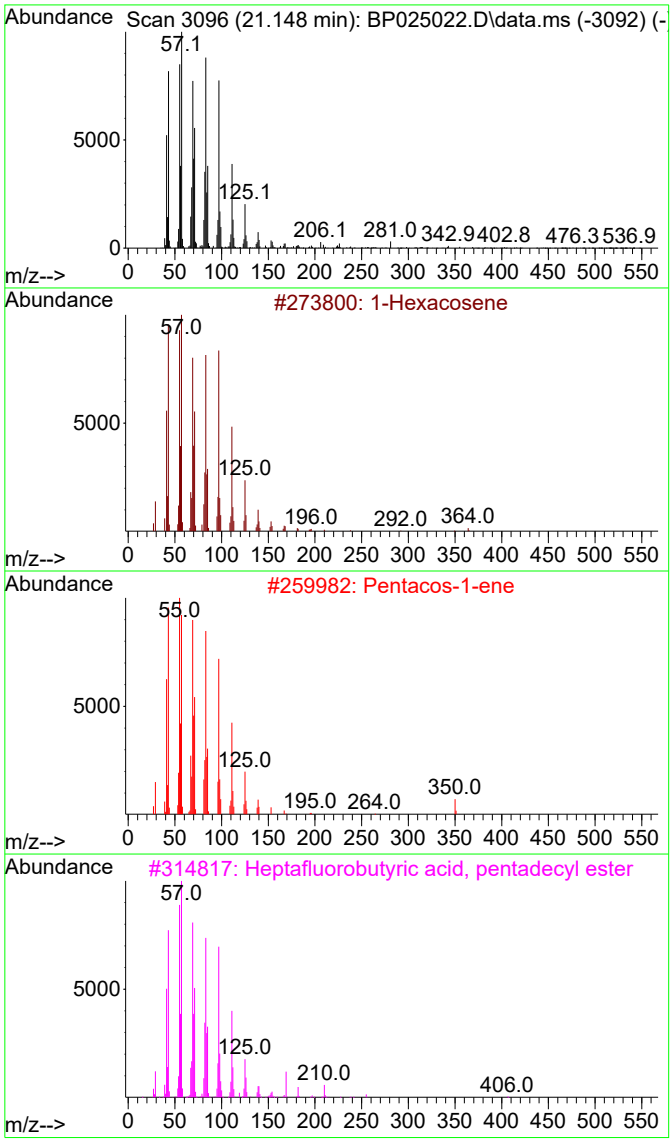
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

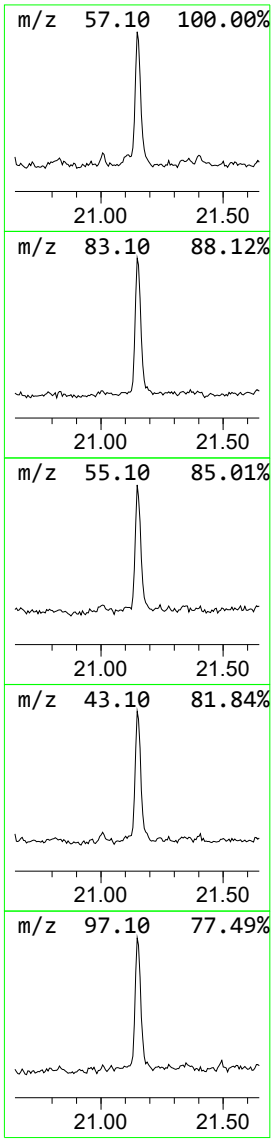
****

Peak Number 7 1-Hexacosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.148	5.18 ng	1115320	Chrysene-d12	21.495

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	95
2	Pentacos-1-ene	350	C25H50	016980-85-1	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





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Operator : RC/JU
Sample : Q2367-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

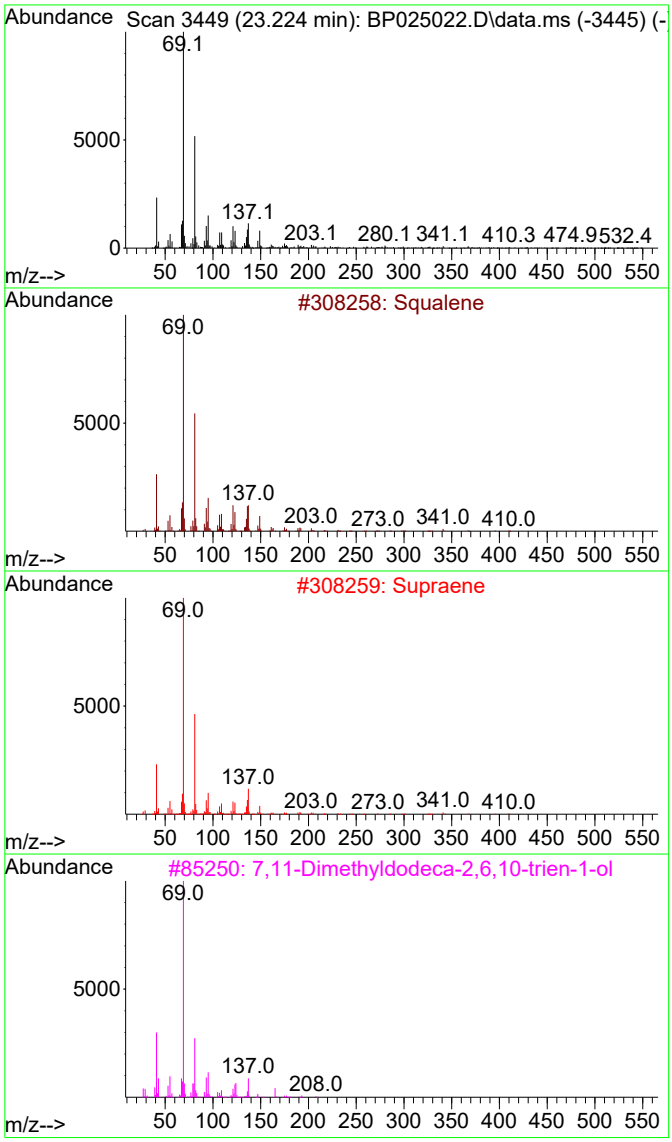
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

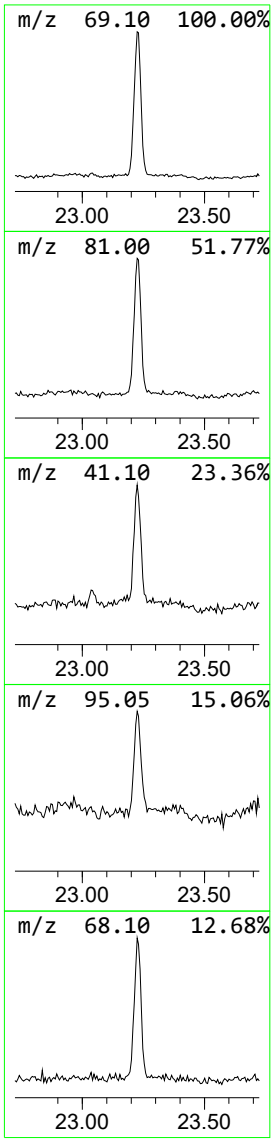
****

Peak Number 8 Squalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.224	3.06 ng	661007	Perylene-d12	24.765

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	99
2	Supraene	410	C30H50	007683-64-9	98
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	74
4	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64
5	5,9,13-Pentadecatrien-2-one, 6,1...	262	C18H30O	000762-29-8	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
Data File : BP025022.D
Acq On : 20 Jun 2025 17:44
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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-...	4.772	5.2	ng	459121	1	7.602	1754800	20.0
Benzophenone	15.636	7.8	ng	1029290	3	14.248	2641650	20.0
n-Hexadecanoic ...	18.001	9.4	ng	1393160	4	17.060	2963820	20.0
5-Octadecene, (E)-	18.889	3.2	ng	473415	4	17.060	2963820	20.0
9-Octadecenamid...	20.519	11.0	ng	2361070	5	21.495	4307210	20.0
1-Hexacosene	21.148	5.2	ng	1115320	5	21.495	4307210	20.0
Squalene	23.224	3.1	ng	661007	6	24.765	4316020	20.0