LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025594.D
Acq On : 26 Aug 2025 20:44
Operator : CG/JU
Sample : Q2928-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
27-BELL

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025594.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.031	11	16	21	rBV	1253559	1501700	19.13%	2.120%
2	3.072	21	23	33	rVB	77293	97618	1.24%	0.138%
3	4.937	334	340	347	rBV	289323	424958	5.41%	0.600%
4	5.408	413	420	429	rBV	2200497	3326946	42.39%	4.697%
5	6.972	676	686	701	rBV	2031346	3519759	44.85%	4.969%
6	7.778	815	823	831	rBV	765077	1205254	15.36%	1.702%
7	8.919	1009	1017	1035	rBV	1290344	2398051	30.55%	3.386%
8	10.549	1286	1294	1301	rBV	1052316	1699102	21.65%	2.399%
9	13.007	1705	1712	1723	rBV	3562465	5314218	67.71%	7.503%
10	14.113	1895	1900	1913	rBV	120764	212175	2.70%	0.300%
11	14.389	1940	1947	1954	rBV	1544383	2287392	29.14%	3.230%
12	15.778	2176	2183	2191	rBV	596254	875331	11.15%	1.236%
13	15.913	2199	2206	2212	rBV	3364828	4547269	57.94%	6.420%
14	17.195	2417	2424	2428	rBV2	1749918	2786776	35.51%	3.935%
15	17.236	2428	2431	2439	rVV	725447	1029312	13.12%	1.453%
16	17.336	2443	2448	2453	rVV	237764	382031	4.87%	0.539%
17	17.389	2453	2457	2464	rVB2	52856	80684	1.03%	0.114%
18	17.613	2492	2495	2500	rVB	65993	81961	1.04%	0.116%
19	18.101	2574	2578	2579	rBV	133690	163380	2.08%	0.231%
20	18.130	2579	2583	2592	rVB2	1439112	2151088	27.41%	3.037%
21	18.230	2597	2600	2605	rVB	81008	115586	1.47%	0.163%
22	18.295	2606	2611	2615	rBV2	213312	376738	4.80%	0.532%
23	18.613	2662	2665	2669	rBV	104766	144775	1.84%	0.204%
24	18.654	2669	2672	2677	rVB2	109930	151004	1.92%	0.213%
25	19.048	2736	2739	2742	rBV2	109766	135804	1.73%	0.192%
26	19.189	2759	2763	2771	rVB	148232	243506	3.10%	0.344%
27	19.319	2779	2785	2793	rBV	2272629	3720753	47.41%	5.253%
28	19.454	2805	2808	2815	rBV2	336959	590104	7.52%	0.833%
29	19.695	2839	2849	2853	rBV	2227516	4016612	51.18%	5.671%
30	19.907	2878	2885	2890	rBV	6156522	7848330	100.00%	11.081%
31	20.036	2903	2907	2909	rBV3	192904	320702	4.09%	0.453%
32	20.319	2952	2955	2958	rBV2	175109	204306	2.60%	0.288%
33	21.007	3069	3072	3080	rVB	281970	414093	5.28%	0.585%
34	21.295	3117	3121	3126	rBV3	825728	1231653	15.69%	1.739%
35	21.630	3171	3178	3184	rBV3	2428012	5889725	75.04%	8.316%
36	21.683	3184	3187	3195	rVB	1394100	2116321	26.97%	2.988%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025594.D
Acq On : 26 Aug 2025 20:44
Operator : CG/JU
Sample : Q2928-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
27-BELL

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	23.948	3567	3572	3581	rBV2	826376	2281207	29.07%	3.221%
38	24.701	3696	3700	3715	rVB	672567	1884438	24.01%	2.661%
39	24.854	3720	3726	3736	rVB	795651	2170749	27.66%	3.065%
40	25.018	3747	3754	3761	rBV	1110598	2886247	36.78%	4.075%

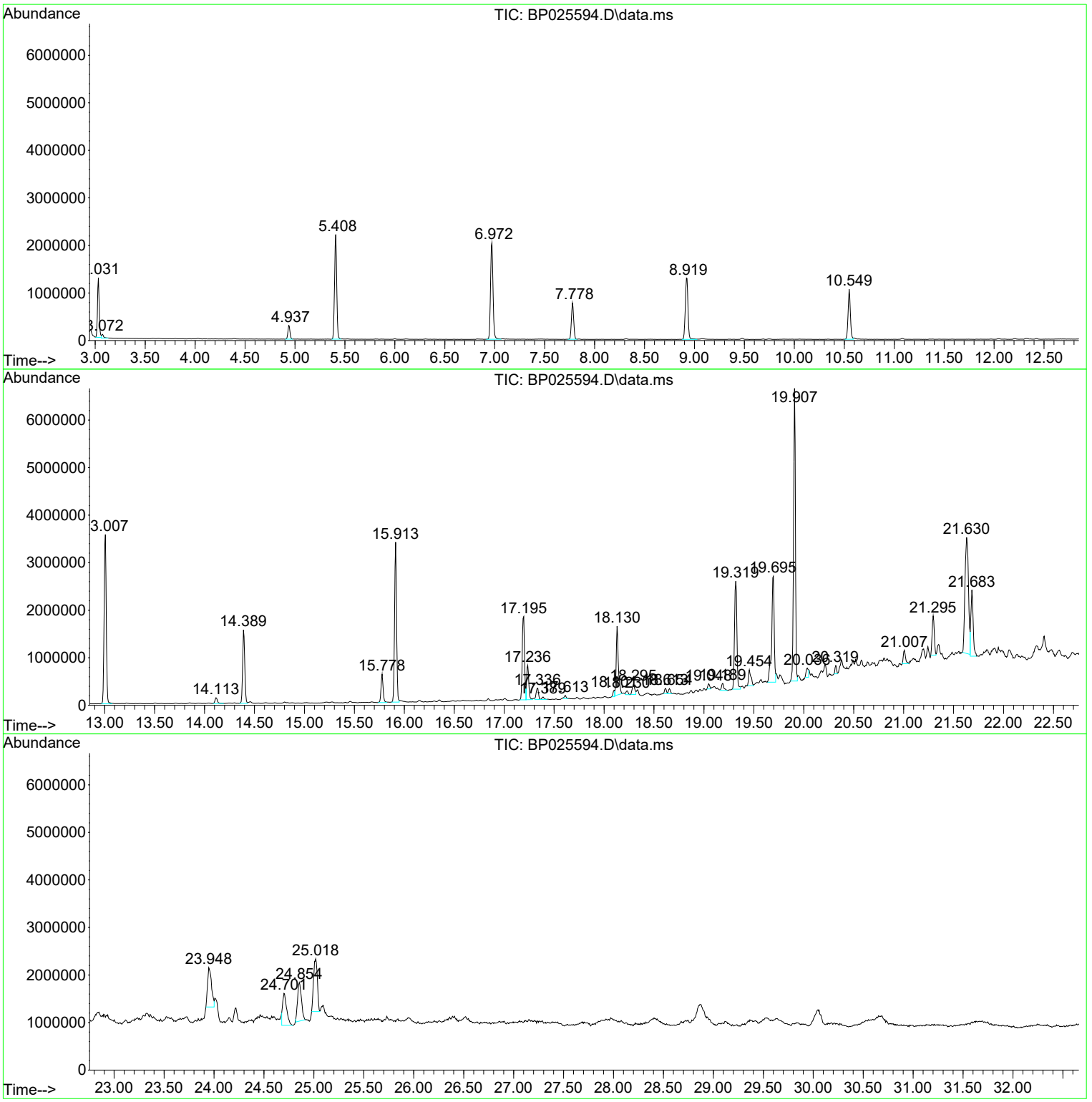
Sum of corrected areas: 70827658

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025594.D
Acq On : 26 Aug 2025 20:44
Operator : CG/JU
Sample : Q2928-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
27-BELL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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\BP082625\
Data File : BP025594.D
Acq On : 26 Aug 2025 20:44
Operator : CG/JU
Sample : Q2928-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
27-BELL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

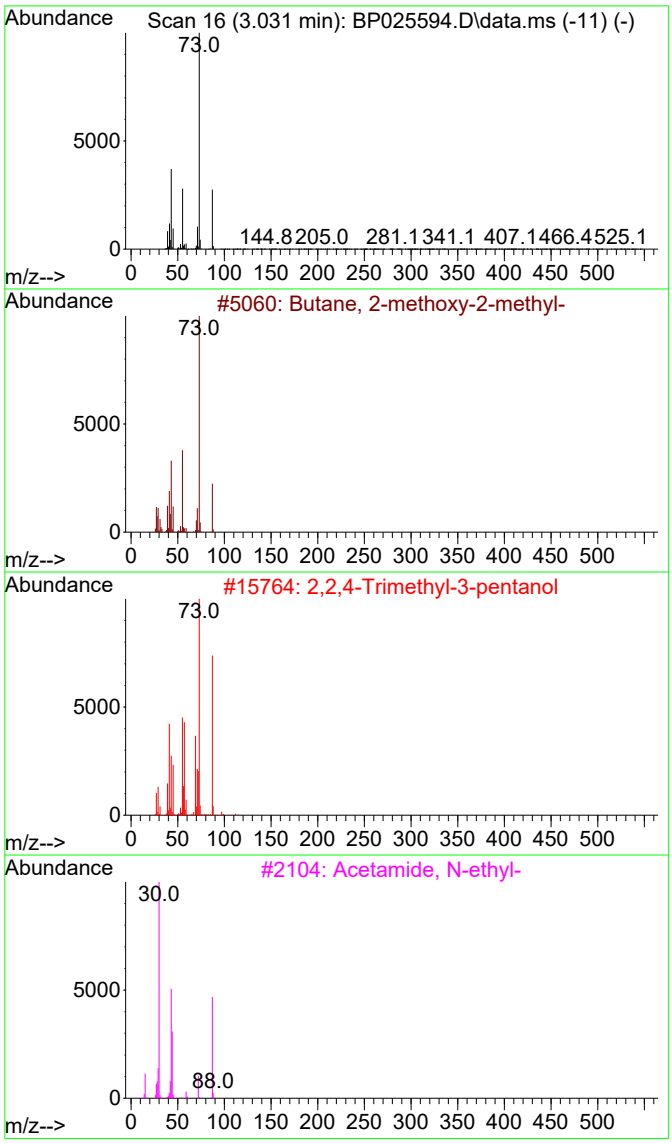
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

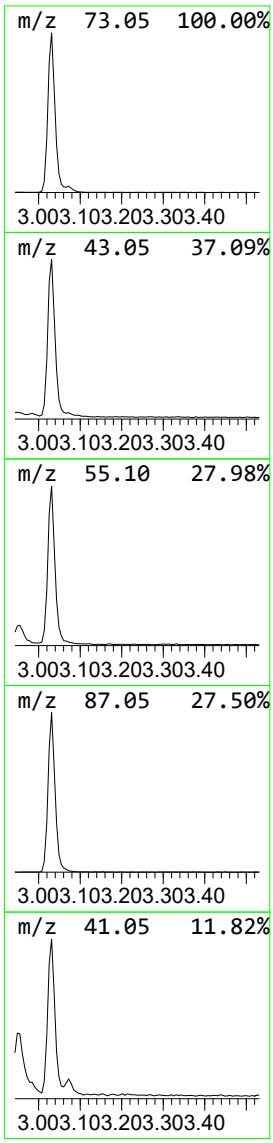
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	24.92 ng	1501700	1,4-Dichlorobenzene-d4	7.778

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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025594.D
Acq On : 26 Aug 2025 20:44
Operator : CG/JU
Sample : Q2928-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
27-BELL

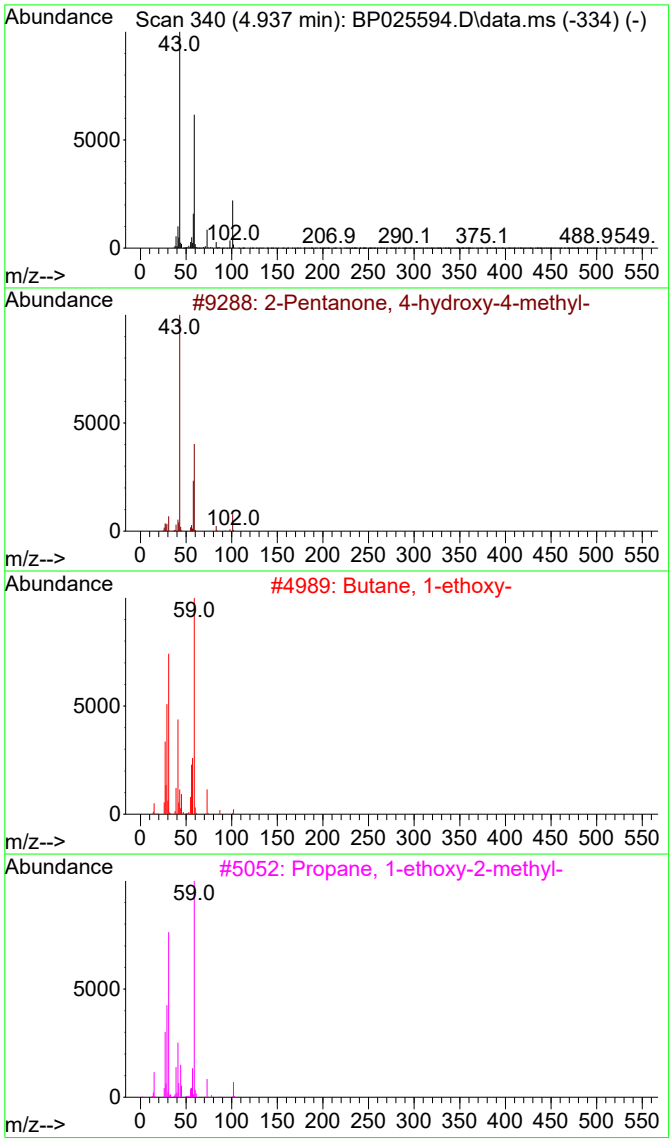
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

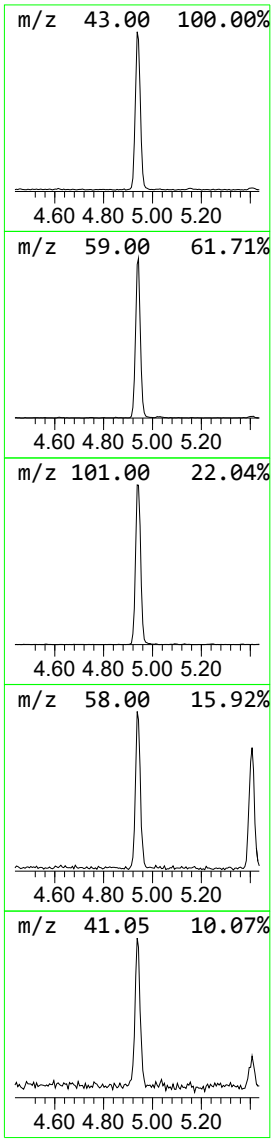
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.937	7.05 ng	424958	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	25
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025594.D
Acq On : 26 Aug 2025 20:44
Operator : CG/JU
Sample : Q2928-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
27-BELL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

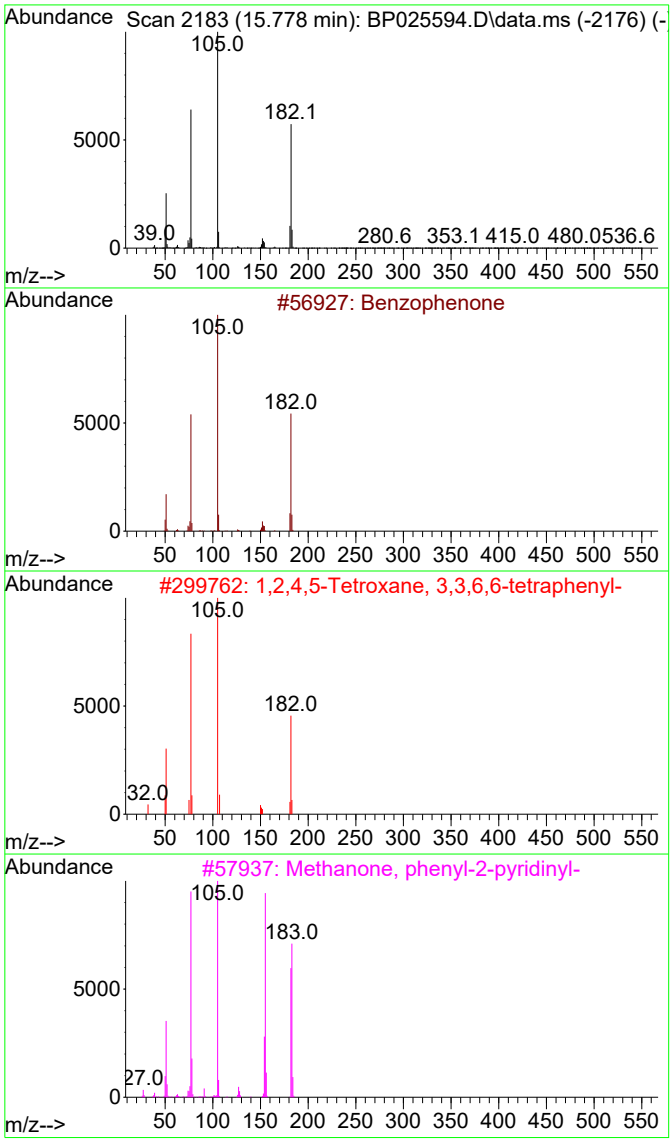
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

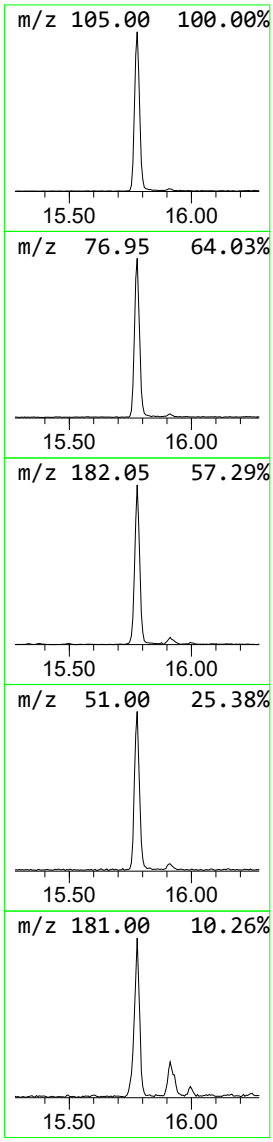
****

Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.778	7.65 ng	875331	Acenaphthene-d10	14.390

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
4	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	45
5	Azobenzene	182	C12H10N2	000103-33-3	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025594.D
Acq On : 26 Aug 2025 20:44
Operator : CG/JU
Sample : Q2928-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
27-BELL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

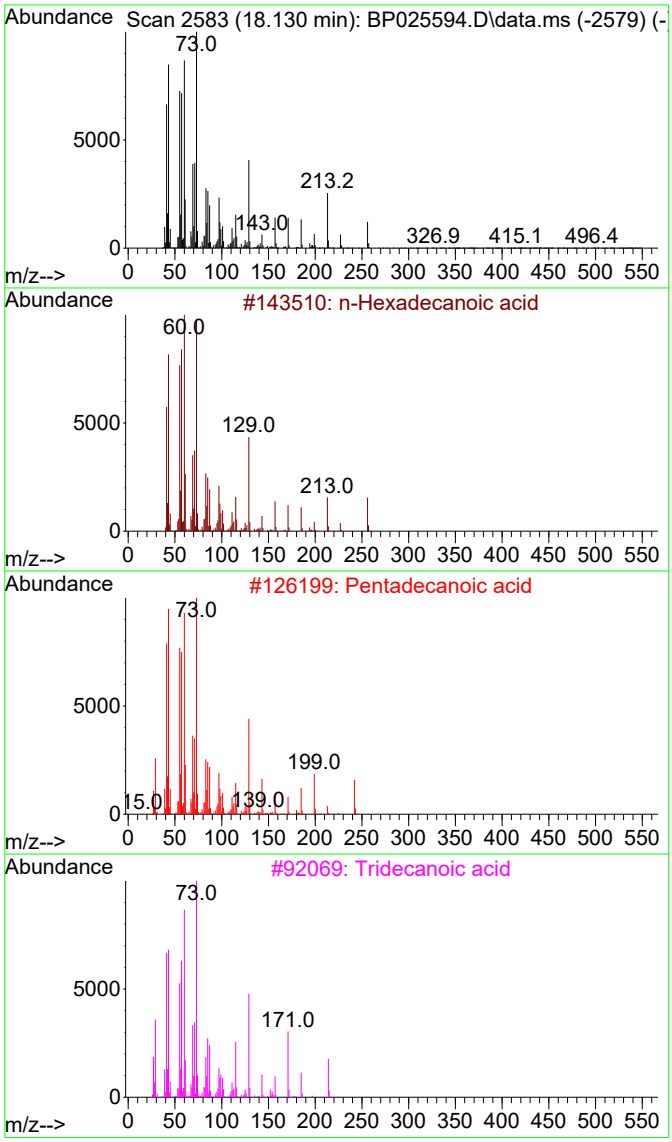
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

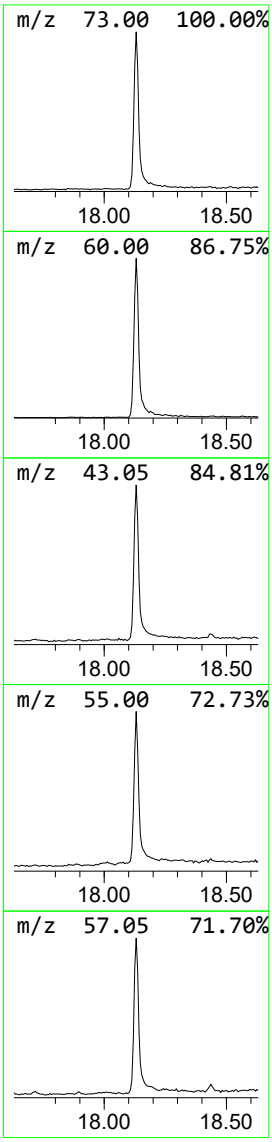
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.131	15.44 ng	2151090	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025594.D
Acq On : 26 Aug 2025 20:44
Operator : CG/JU
Sample : Q2928-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
27-BELL

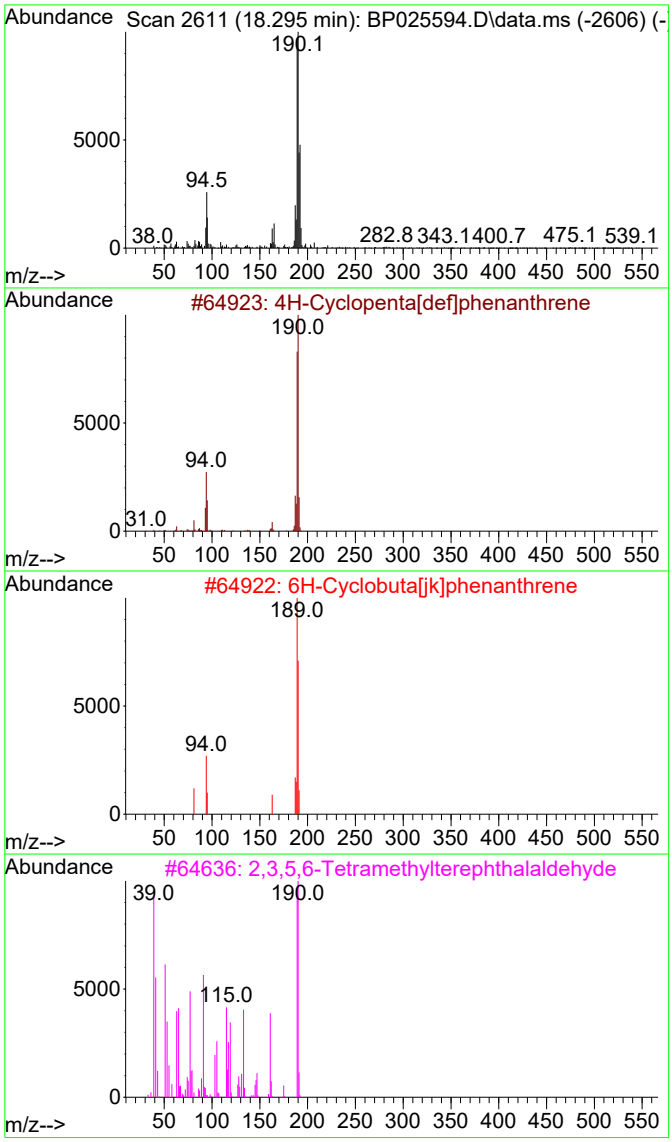
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

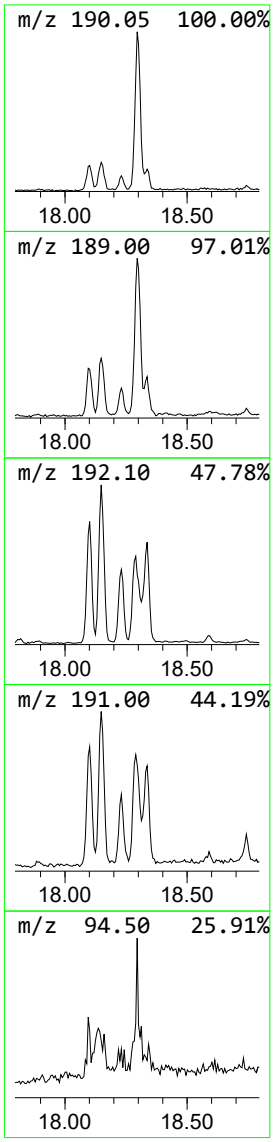
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.295	2.70 ng	376738	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	43
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025594.D
Acq On : 26 Aug 2025 20:44
Operator : CG/JU
Sample : Q2928-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
27-BELL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

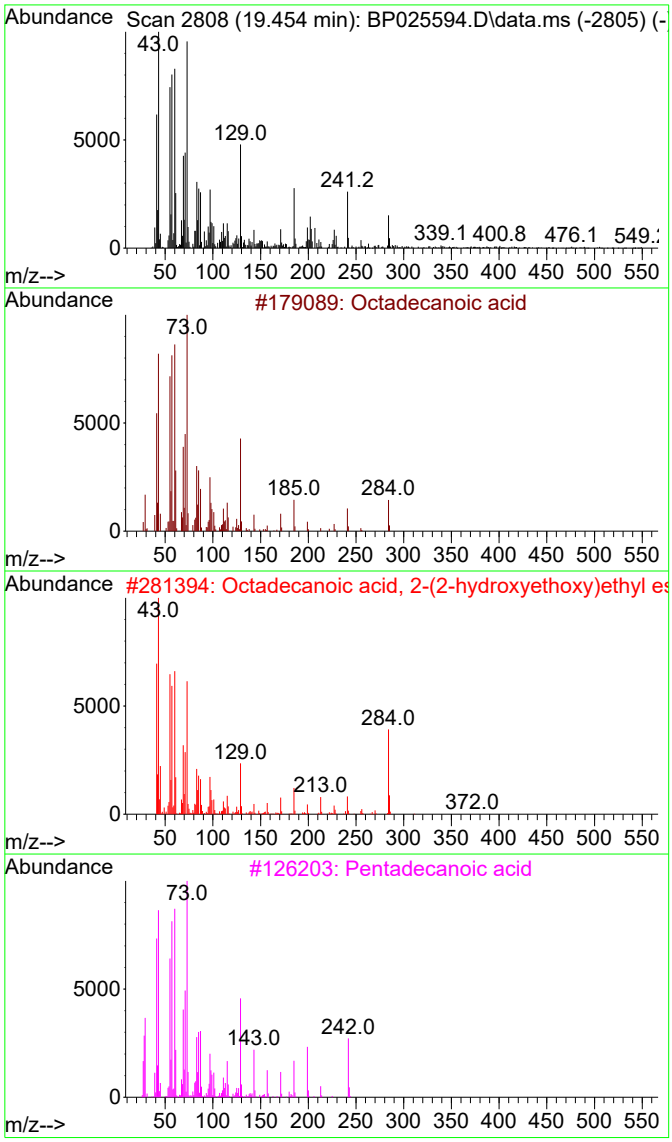
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

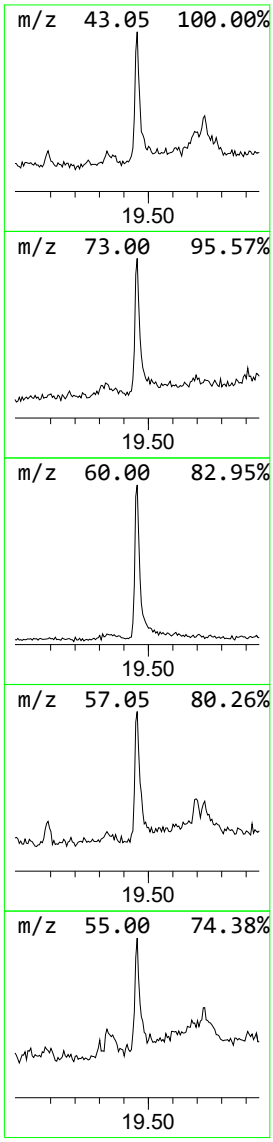
****

Peak Number 6 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.454	2.00 ng	590104	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025594.D
Acq On : 26 Aug 2025 20:44
Operator : CG/JU
Sample : Q2928-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
27-BELL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

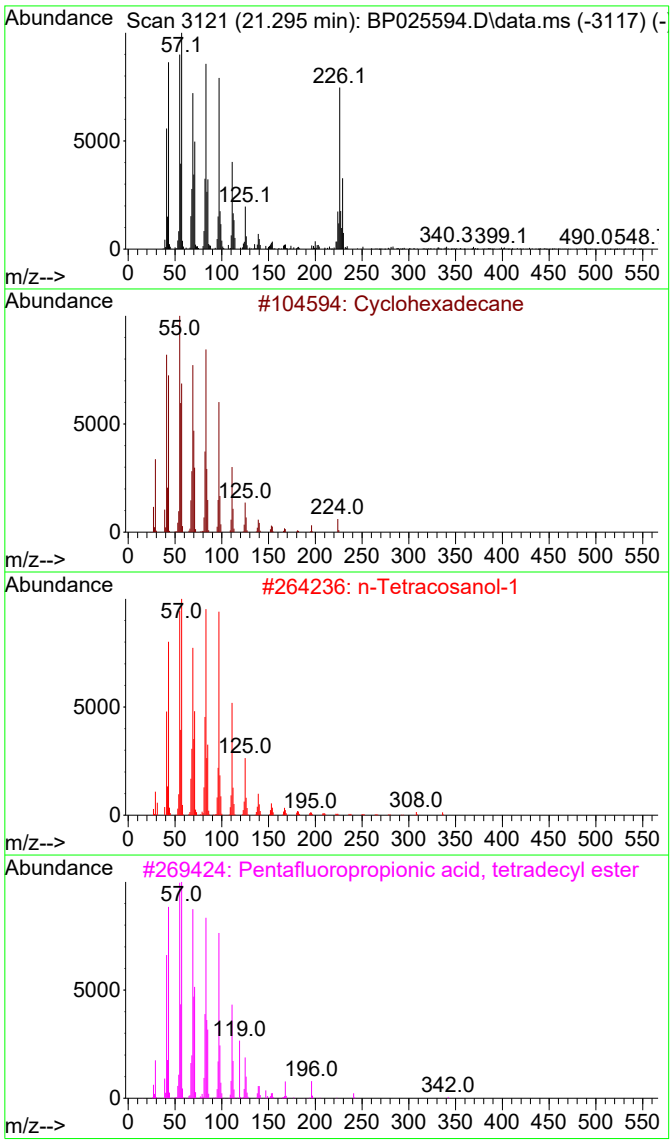
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

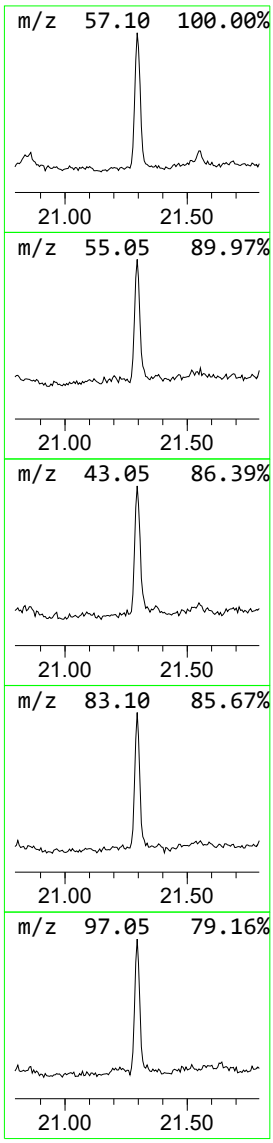
****

Peak Number 7 Cyclohexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.295	4.18 ng	1231650	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	93
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	86
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	86
5	1-Heneicosanol	312	C21H44O	015594-90-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025594.D
Acq On : 26 Aug 2025 20:44
Operator : CG/JU
Sample : Q2928-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
27-BELL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

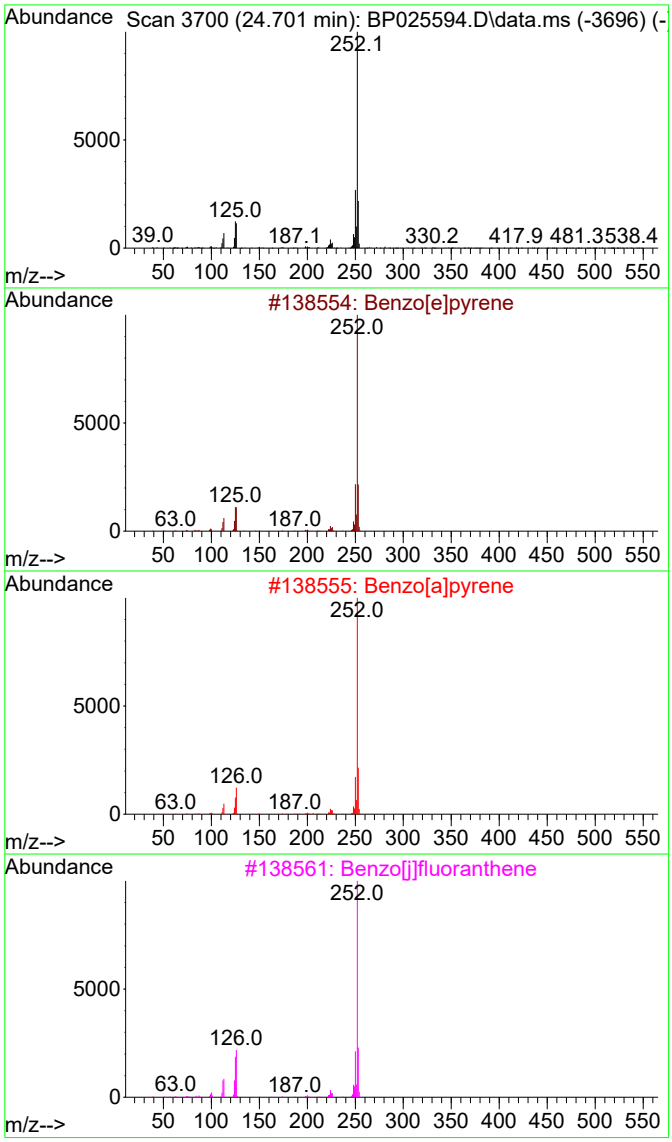
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

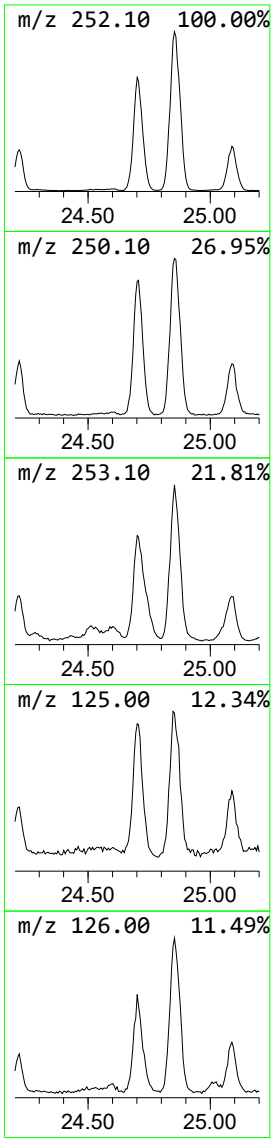
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.701	13.06 ng	1884440	Perylene-d12	25.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025594.D
Acq On : 26 Aug 2025 20:44
Operator : CG/JU
Sample : Q2928-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
27-BELL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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...	3.031	24.9	ng	1501700	1	7.778	1205250	20.0
2-Pentanone, 4-...	4.937	7.0	ng	424958	1	7.778	1205250	20.0
Benzophenone	15.778	7.7	ng	875331	3	14.390	2287390	20.0
n-Hexadecanoic ...	18.131	15.4	ng	2151090	4	17.195	2786780	20.0
4H-Cyclopenta[d...	18.295	2.7	ng	376738	4	17.195	2786780	20.0
Octadecanoic acid	19.454	2.0	ng	590104	5	21.636	5889730	20.0
Cyclohexadecane	21.295	4.2	ng	1231650	5	21.636	5889730	20.0
Benzo[e]pyrene	24.701	13.1	ng	1884440	6	25.018	2886250	20.0