LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061025\
Data File : BP024901.D
Acq On : 10 Jun 2025 19:51
Operator : RC/JU
Sample : Q2176-04 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-26

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: BP024901.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.426	76	83	106	rBV	3926262	6147675	84.56%	8.161%
2	4.772	307	312	322	rBV	193629	284824	3.92%	0.378%
3	5.237	385	391	406	rBV	2119428	3270267	44.98%	4.341%
4	6.814	653	659	676	rBV	1960056	3493069	48.05%	4.637%
5	7.608	785	794	804	rBV	1219646	1886328	25.95%	2.504%
6	8.761	983	990	1010	rBV	1294143	2317236	31.87%	3.076%
7	10.378	1253	1265	1280	rBV	1600893	2787734	38.34%	3.701%
8	12.854	1679	1686	1706	rBV	3667709	5737407	78.92%	7.616%
9	13.572	1801	1808	1812	rBV2	47230	88644	1.22%	0.118%
10	13.972	1869	1876	1882	rBV	61664	116204	1.60%	0.154%
11	14.154	1901	1907	1911	rBV	63458	89132	1.23%	0.118%
12	14.254	1914	1924	1931	rVV	2250499	3631237	49.95%	4.820%
13	14.319	1931	1935	1942	rVB	110683	183199	2.52%	0.243%
14	14.666	1990	1994	1998	rVB	65191	91564	1.26%	0.122%
15	15.119	2069	2071	2076	rVB2	63615	81897	1.13%	0.109%
16	15.325	2101	2106	2111	rBV	138469	208008	2.86%	0.276%
17	15.537	2138	2142	2148	rBV3	49303	78764	1.08%	0.105%
18	15.643	2154	2160	2167	rBV	752709	1099847	15.13%	1.460%
19	15.778	2176	2183	2197	rBV	2670381	4171232	57.37%	5.537%
20	16.007	2217	2222	2224	rBV3	113956	161577	2.22%	0.214%
21	16.219	2254	2258	2263	rBV	84484	110480	1.52%	0.147%
22	16.625	2324	2327	2338	rVB6	45526	77586	1.07%	0.103%
23	16.825	2358	2361	2365	rVV2	73923	89405	1.23%	0.119%
24	16.878	2366	2370	2380	rVB	131868	215177	2.96%	0.286%
25	17.060	2395	2401	2405	rBV2	2703760	3965103	54.54%	5.264%
26	17.101	2405	2408	2415	rVB	1363447	2026474	27.87%	2.690%
27	17.201	2420	2425	2431	rVB	320827	511377	7.03%	0.679%
28	17.589	2487	2491	2496	rVB2	119109	163077	2.24%	0.216%
29	17.660	2500	2503	2513	rVB2	65671	132970	1.83%	0.177%
30	17.966	2551	2555	2558	rBV	160292	219292	3.02%	0.291%
31	18.007	2558	2562	2571	rVB2	490484	981531	13.50%	1.303%
32	18.166	2585	2589	2594	rBV2	418051	718769	9.89%	0.954%
33	18.207	2594	2596	2602	rVB	197341	237400	3.27%	0.315%
34	18.307	2609	2613	2622	rVB2	139616	222649	3.06%	0.296%
35	18.495	2641	2645	2649	rBV	168355	238678	3.28%	0.317%
36	18.925	2715	2718	2722	rVB	140254	187674	2.58%	0.249%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061025\
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Acq On : 10 Jun 2025 19:51
Operator : RC/JU
Sample : Q2176-04 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-26

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

37	18.972	2723	2726	2732	rVB5	124007	203486	2.80%	0.270%
38	19.195	2759	2764	2773	rBV	3664535	4946953	68.04%	6.567%
39	19.578	2820	2829	2834	rBV	2686581	4427876	60.90%	5.878%
40	19.801	2862	2867	2871	rBV	6810878	7270345	100.00%	9.651%
41	20.101	2915	2918	2921	rVB	345796	364885	5.02%	0.484%
42	20.136	2921	2924	2928	rBV	188815	198663	2.73%	0.264%
43	20.201	2932	2935	2940	rVB	300220	398942	5.49%	0.530%
44	21.501	3149	3156	3161	rBV2	3011864	6004426	82.59%	7.971%
45	21.548	3161	3164	3169	rVB	983724	1392989	19.16%	1.849%
46	24.766	3705	3711	3719	rVB	1758441	4098997	56.38%	5.441%

Sum of corrected areas: 75331049

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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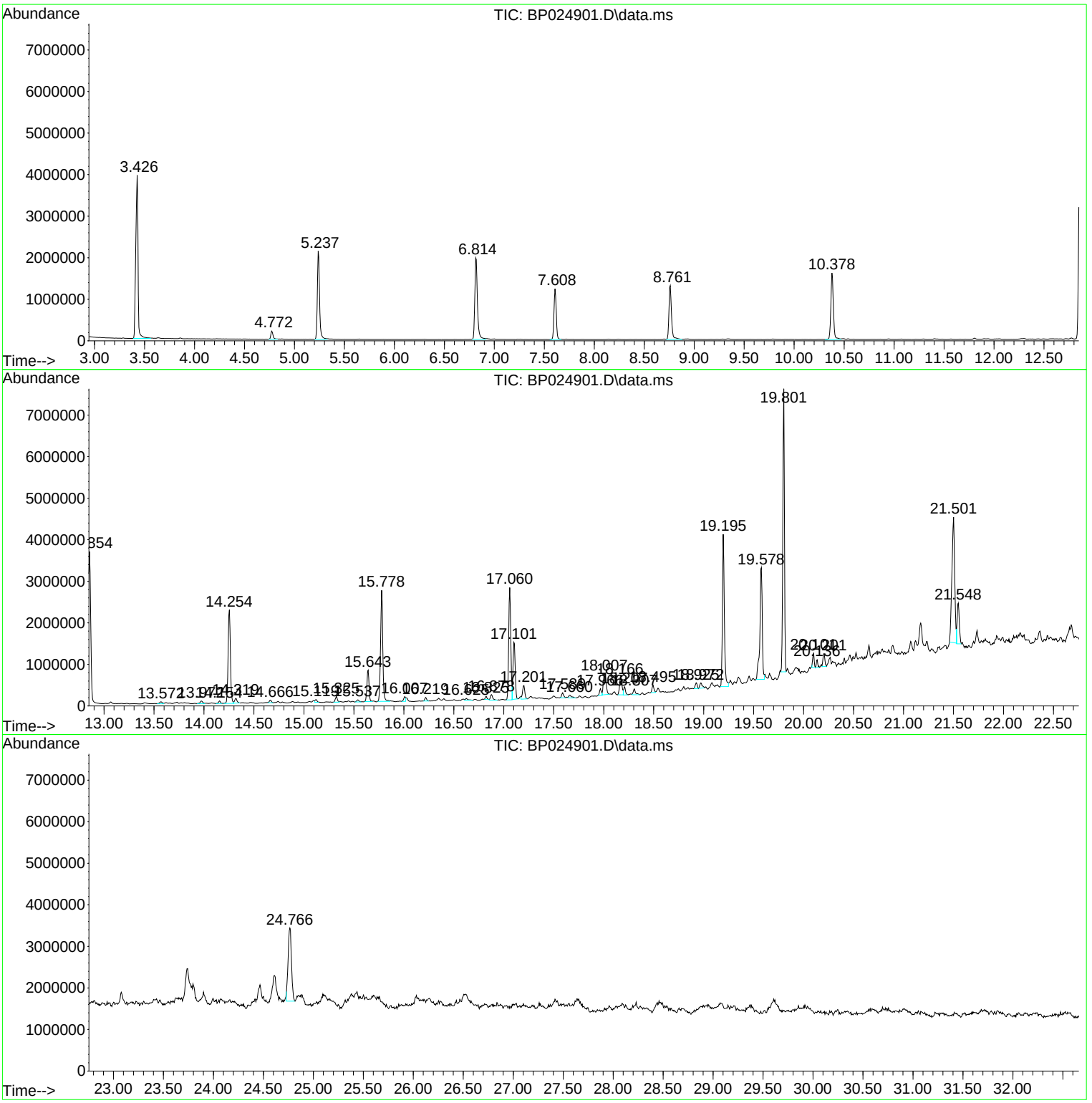
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061025\
Data File : BP024901.D
Acq On : 10 Jun 2025 19:51
Operator : RC/JU
Sample : Q2176-04 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-26

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

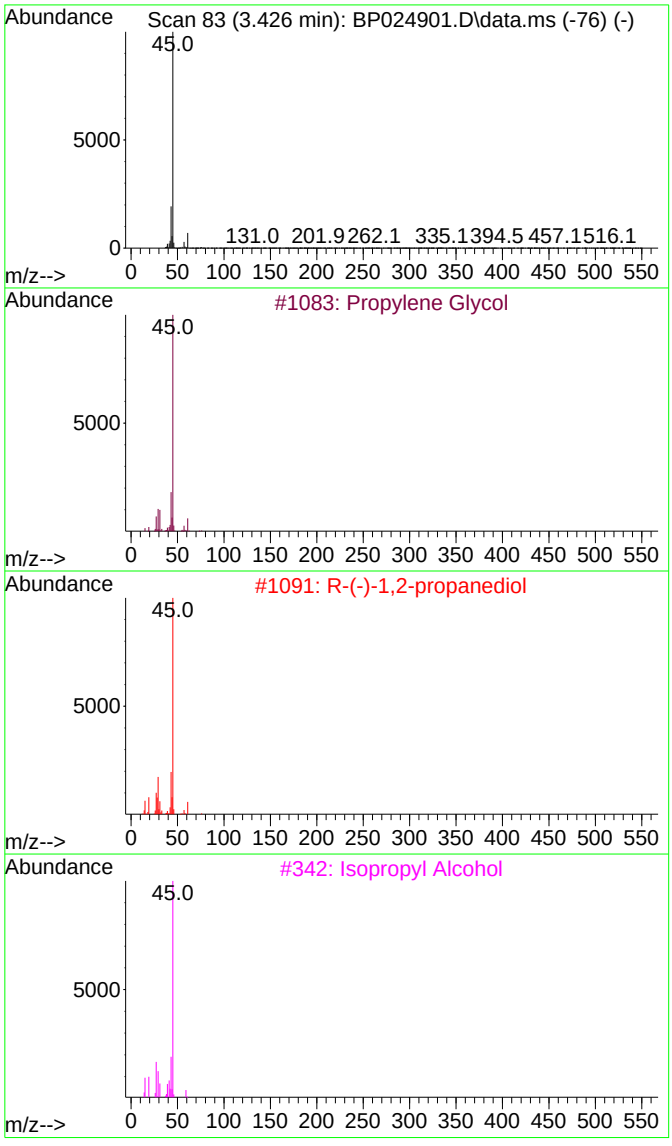
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

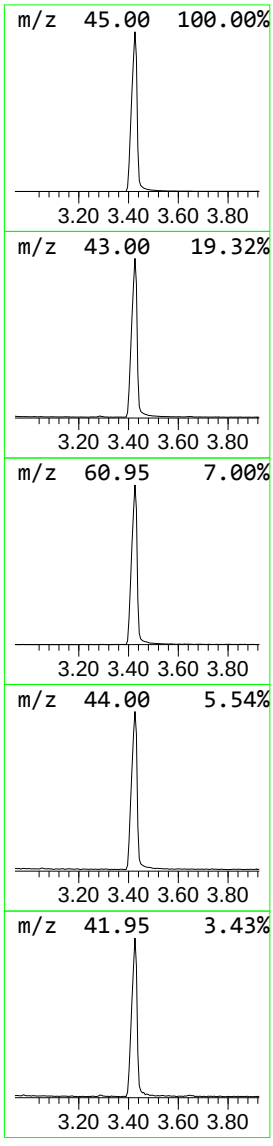
****

Peak Number 1 Propylene Glycol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.426	65.18 ng	6147680	1,4-Dichlorobenzene-d4	7.608

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	90
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40
5	2-Pentanol	88	C5H12O	006032-29-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061025\
Data File : BP024901.D
Acq On : 10 Jun 2025 19:51
Operator : RC/JU
Sample : Q2176-04 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-26

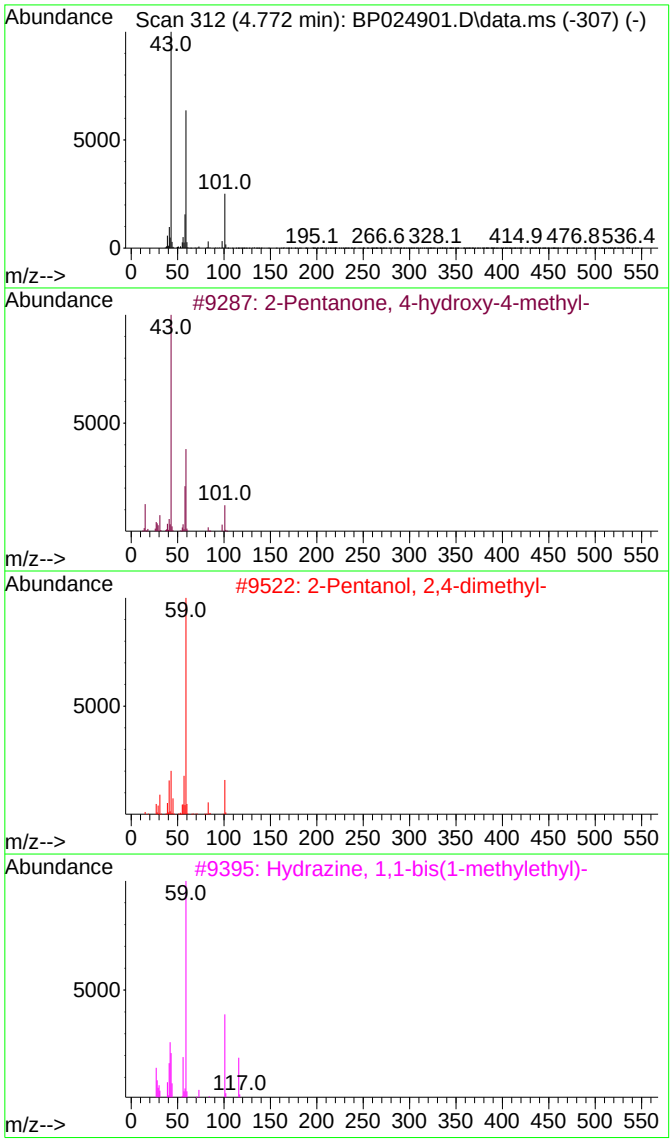
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

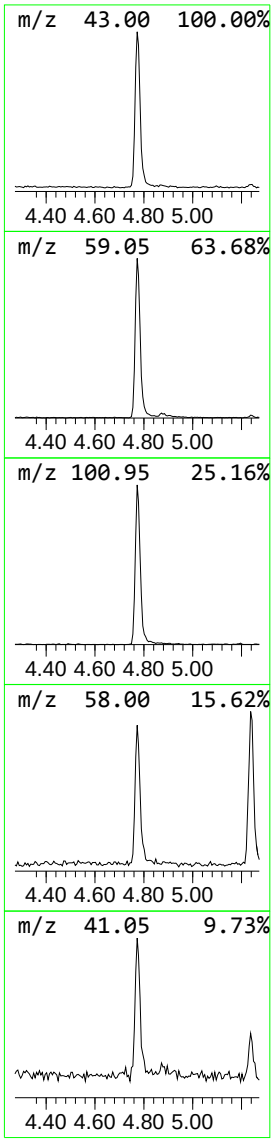
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.772	3.02 ng	284824	1,4-Dichlorobenzene-d4	7.608

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	42
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061025\
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Sample : Q2176-04 2X
Misc :
ALS Vial : 15 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

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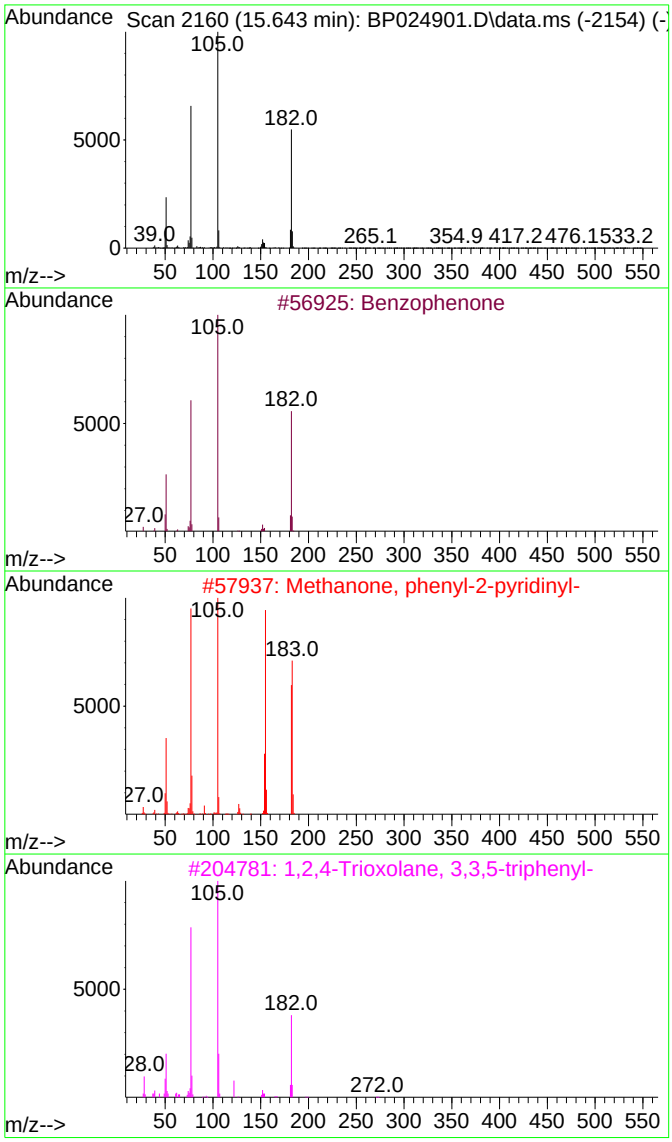
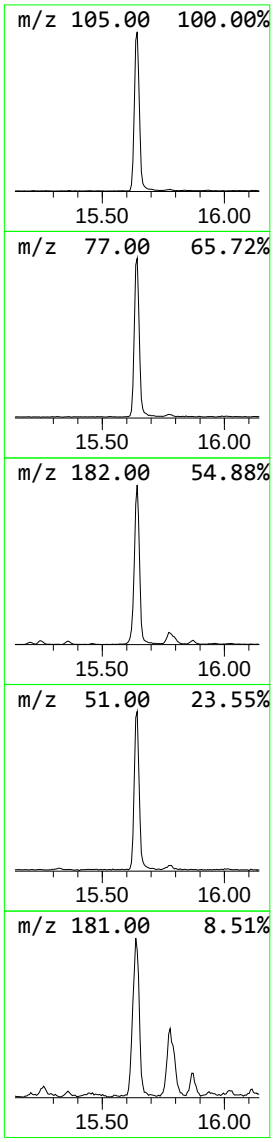
Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.643	6.06 ng	1099850	Acenaphthene-d10	14.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
3	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	50
4	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45
5	Azobenzene	182	C12H10N2	000103-33-3	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061025\
Data File : BP024901.D
Acq On : 10 Jun 2025 19:51
Operator : RC/JU
Sample : Q2176-04 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-26

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

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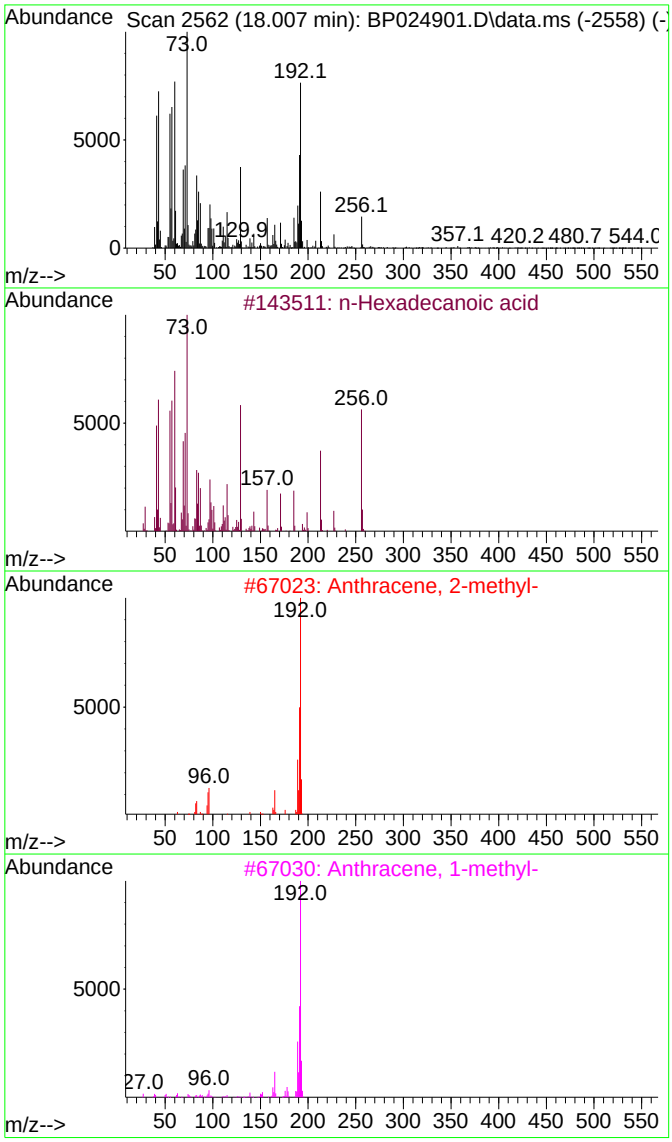
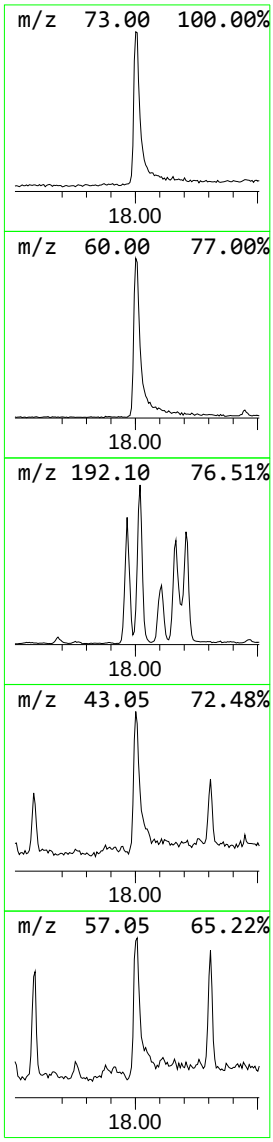
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.007	4.95 ng	981531	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	74
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061025\
Data File : BP024901.D
Acq On : 10 Jun 2025 19:51
Operator : RC/JU
Sample : Q2176-04 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-26

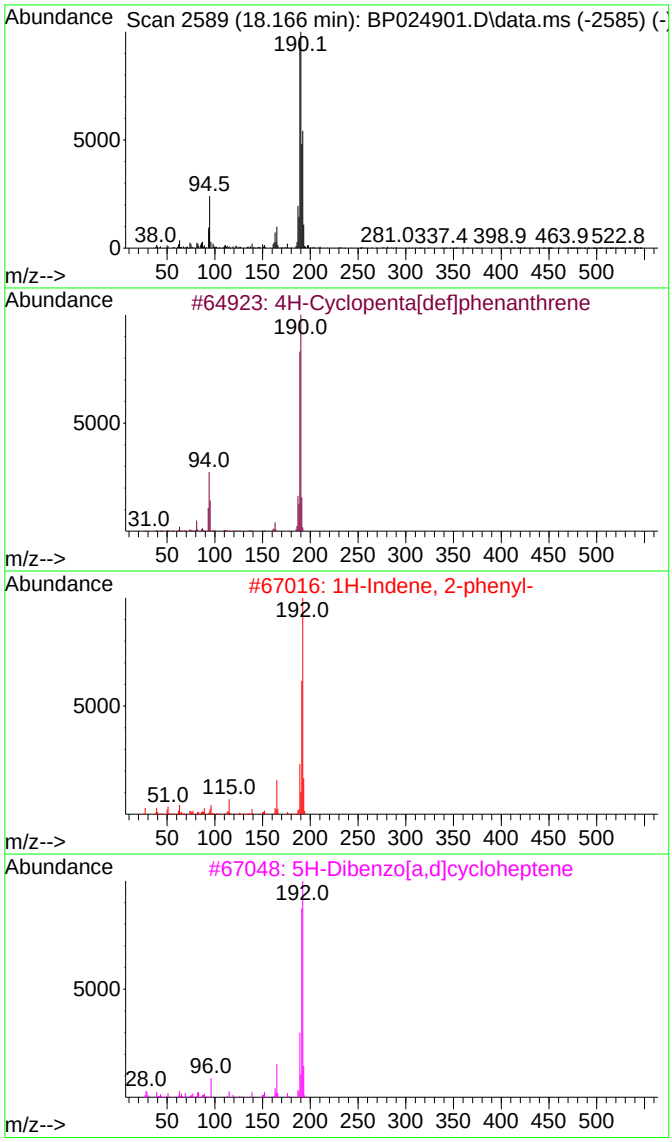
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

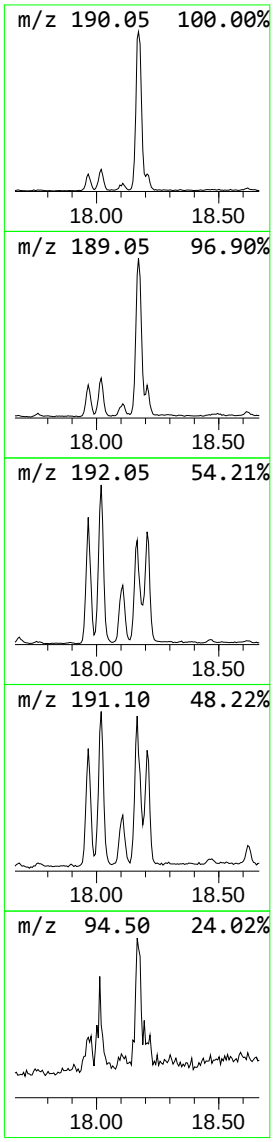
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.166	3.63 ng	718769	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	20





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061025\
Data File : BP024901.D
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Sample : Q2176-04 2X
Misc :
ALS Vial : 15 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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propylene Glycol	3.426	65.2	ng	6147680	1	7.608	1886330	20.0
2-Pentanone, 4-...	4.772	3.0	ng	284824	1	7.608	1886330	20.0
Benzophenone	15.643	6.1	ng	1099850	3	14.254	3631240	20.0
n-Hexadecanoic ...	18.007	5.0	ng	981531	4	17.060	3965100	20.0
4H-Cyclopenta[d...	18.166	3.6	ng	718769	4	17.060	3965100	20.0