LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025557.D
Acq On : 22 Aug 2025 20:24
Operator : CG/JU
Sample : Q2917-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-082025

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: BP025557.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	12	16	22	rBV	221372	263772	6.44%	0.760%
2	4.943	336	341	350	rBV2	35281	54806	1.34%	0.158%
3	5.396	411	418	427	rBV	331288	501160	12.24%	1.445%
4	6.960	676	684	699	rBV	308869	532611	13.01%	1.535%
5	7.778	815	823	832	rBV	683204	1159624	28.33%	3.343%
6	8.919	1010	1017	1028	rBV	177065	328048	8.02%	0.946%
7	10.543	1284	1293	1300	rBV	901005	1607262	39.27%	4.633%
8	12.201	1566	1575	1584	rVB	34995	63438	1.55%	0.183%
9	12.425	1607	1613	1621	rVB	41505	75487	1.84%	0.218%
10	13.001	1703	1711	1722	rBV	487800	857788	20.96%	2.473%
11	13.548	1799	1804	1811	rBV5	20959	54690	1.34%	0.158%
12	13.707	1825	1831	1837	rBV2	37545	74502	1.82%	0.215%
13	13.842	1848	1854	1858	rBV2	22488	41192	1.01%	0.119%
14	14.113	1894	1900	1908	rBV	116894	221585	5.41%	0.639%
15	14.395	1936	1948	1954	rBV	1359439	2186771	53.43%	6.304%
16	14.460	1954	1959	1967	rVB	110271	181976	4.45%	0.525%
17	14.801	2011	2017	2026	rVB	65721	111791	2.73%	0.322%
18	15.013	2047	2053	2058	rBV4	25154	55957	1.37%	0.161%
19	15.272	2093	2097	2103	rVB2	41456	61621	1.51%	0.178%
20	15.460	2123	2129	2142	rBV2	111974	218913	5.35%	0.631%
21	15.772	2176	2182	2191	rVB2	85437	162084	3.96%	0.467%
22	15.907	2199	2205	2213	rBV	458164	686656	16.78%	1.979%
23	16.148	2241	2246	2254	rBV2	65896	138610	3.39%	0.400%
24	16.842	2360	2364	2370	rVB3	33254	57800	1.41%	0.167%
25	16.966	2381	2385	2388	rVV2	58692	87586	2.14%	0.252%
26	17.001	2388	2391	2401	rVB2	67435	140553	3.43%	0.405%
27	17.195	2417	2424	2428	rBV2	1642200	2611009	63.79%	7.527%
28	17.236	2428	2431	2437	rVV	707020	935189	22.85%	2.696%
29	17.325	2441	2446	2453	rVV	208202	341180	8.34%	0.984%
30	17.395	2453	2458	2463	rVB3	35347	75616	1.85%	0.218%
31	17.725	2510	2514	2519	rVB2	76059	93916	2.29%	0.271%
32	17.789	2521	2525	2530	rVB	51908	70380	1.72%	0.203%
33	17.942	2547	2551	2556	rVB2	38119	60416	1.48%	0.174%
34	18.095	2572	2577	2579	rBV	130988	207020	5.06%	0.597%
35	18.130	2579	2583	2591	rVB2	319951	679611	16.60%	1.959%
36	18.230	2596	2600	2605	rVV	83676	131194	3.21%	0.378%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
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Acq On : 22 Aug 2025 20:24
Operator : CG/JU
Sample : Q2917-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-082025

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	18.301	2606	2612	2615	rVV3	242152	467461	11.42%	1.348%
38	18.330	2615	2617	2623	rVB	137113	191057	4.67%	0.551%
39	18.436	2632	2635	2643	rVB	70102	99743	2.44%	0.288%
40	18.613	2661	2665	2669	rBV	83478	109607	2.68%	0.316%
41	18.648	2669	2671	2677	rVB6	43471	76073	1.86%	0.219%
42	18.866	2706	2708	2713	rVB2	49362	60723	1.48%	0.175%
43	18.919	2714	2717	2721	rVV	80023	101952	2.49%	0.294%
44	18.960	2722	2724	2728	rVB2	56991	66723	1.63%	0.192%
45	19.042	2734	2738	2743	rBV2	152534	256985	6.28%	0.741%
46	19.095	2743	2747	2753	rVV7	125403	271650	6.64%	0.783%
47	19.189	2760	2763	2771	rVB6	67819	110013	2.69%	0.317%
48	19.324	2779	2786	2796	rBV	1670992	3011186	73.57%	8.680%
49	19.460	2805	2809	2817	rVB2	196927	344795	8.42%	0.994%
50	19.666	2840	2844	2845	rBV	190318	228759	5.59%	0.659%
51	19.701	2845	2850	2858	rVB	1414055	2021157	49.38%	5.826%
52	19.907	2880	2885	2889	rVB	1045019	1334195	32.60%	3.846%
53	20.036	2902	2907	2912	rBV3	130196	270173	6.60%	0.779%
54	20.213	2935	2937	2942	rVB	244833	296974	7.26%	0.856%
55	20.313	2951	2954	2958	rBV	161899	206421	5.04%	0.595%
56	20.377	2961	2965	2969	rVB	207363	253669	6.20%	0.731%
57	21.630	3171	3178	3184	rBV2	1875675	4092911	100.00%	11.799%
58	21.683	3184	3187	3199	rVB	594555	964112	23.56%	2.779%
59	23.930	3564	3569	3577	rBV	347469	919770	22.47%	2.651%
60	24.830	3716	3722	3734	rVB	362582	1040349	25.42%	2.999%
61	25.001	3745	3751	3760	rVB	1156340	2760854	67.45%	7.959%

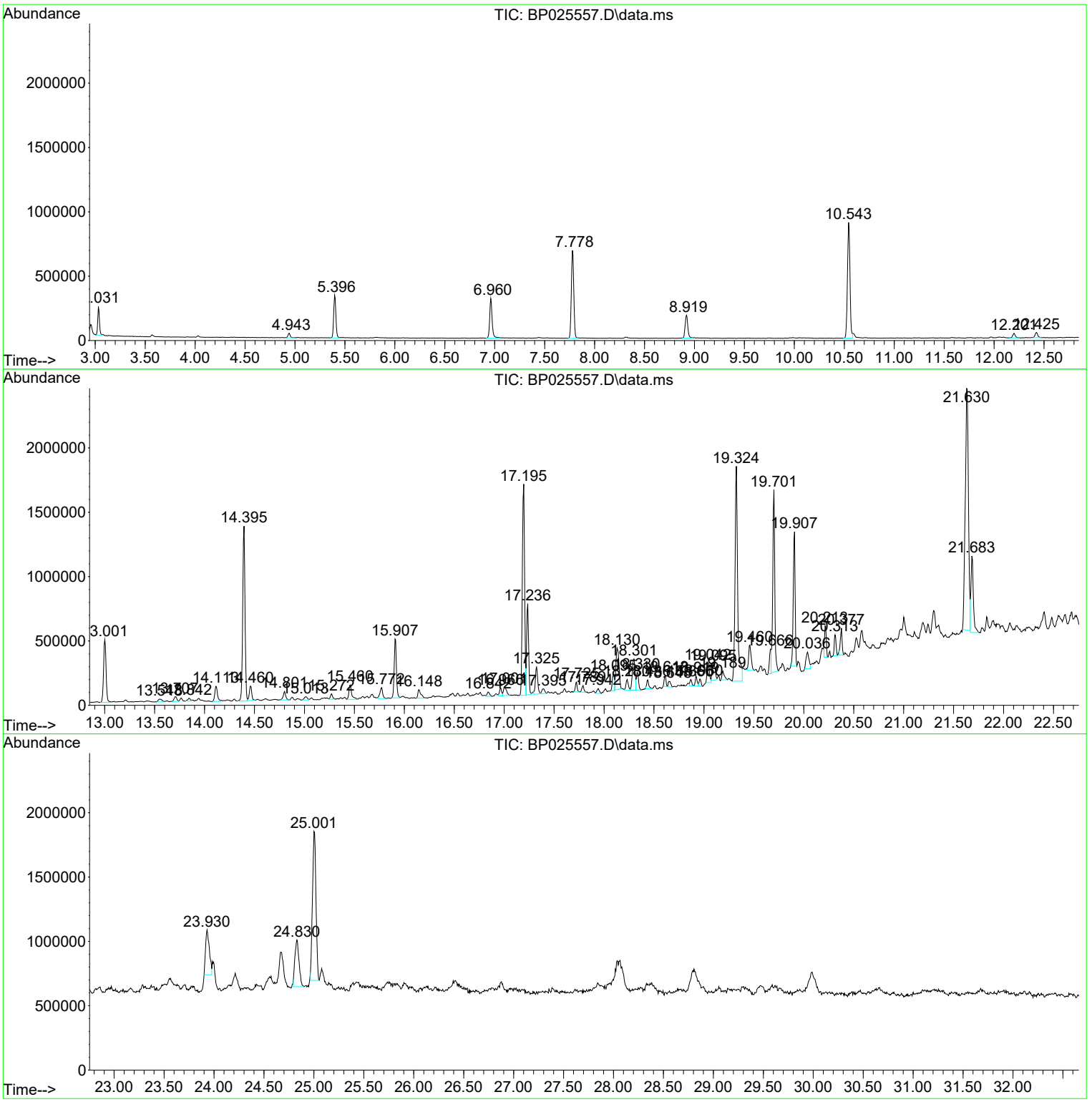
Sum of corrected areas: 34689126

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025557.D
Acq On : 22 Aug 2025 20:24
Operator : CG/JU
Sample : Q2917-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-082025

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\BP082225\
Data File : BP025557.D
Acq On : 22 Aug 2025 20:24
Operator : CG/JU
Sample : Q2917-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-082025

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

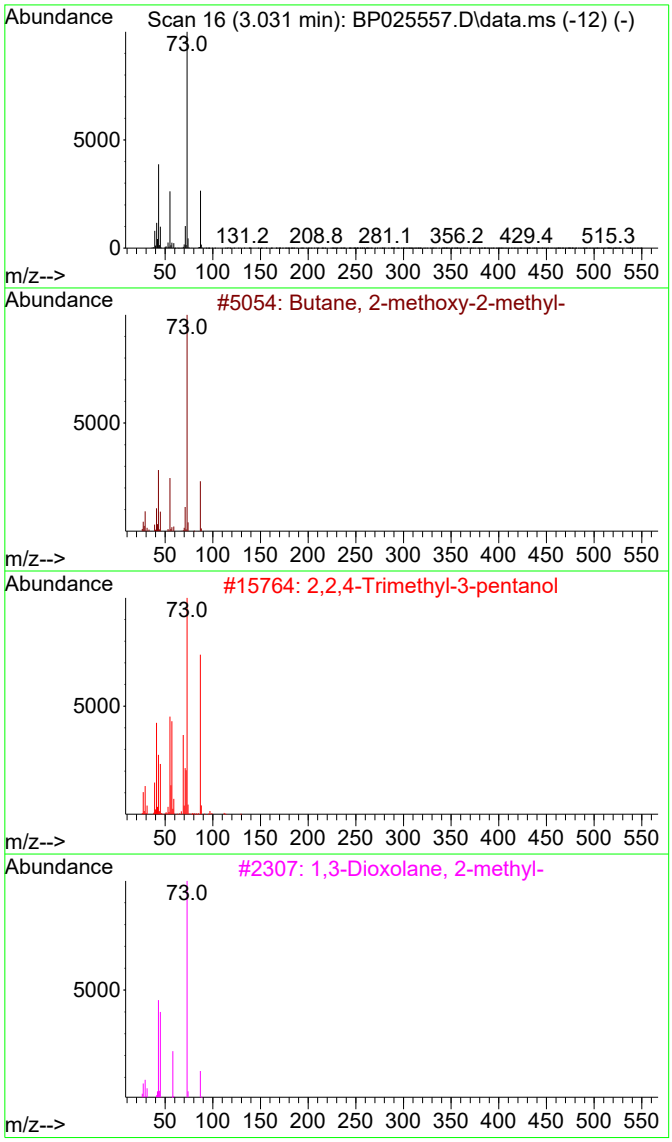
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

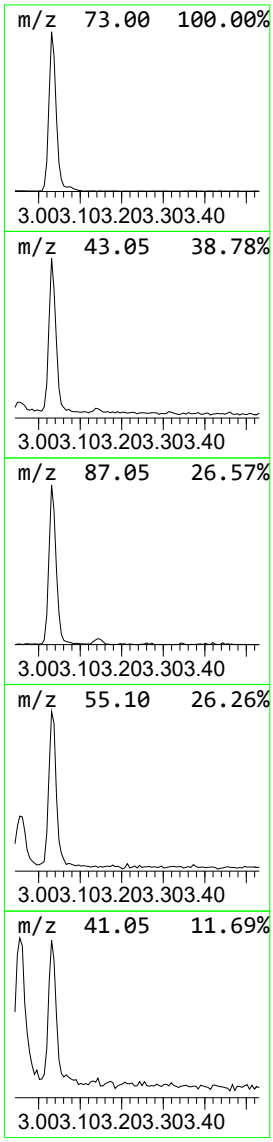
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	4.55 ng	263772	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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025557.D
Acq On : 22 Aug 2025 20:24
Operator : CG/JU
Sample : Q2917-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-082025

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

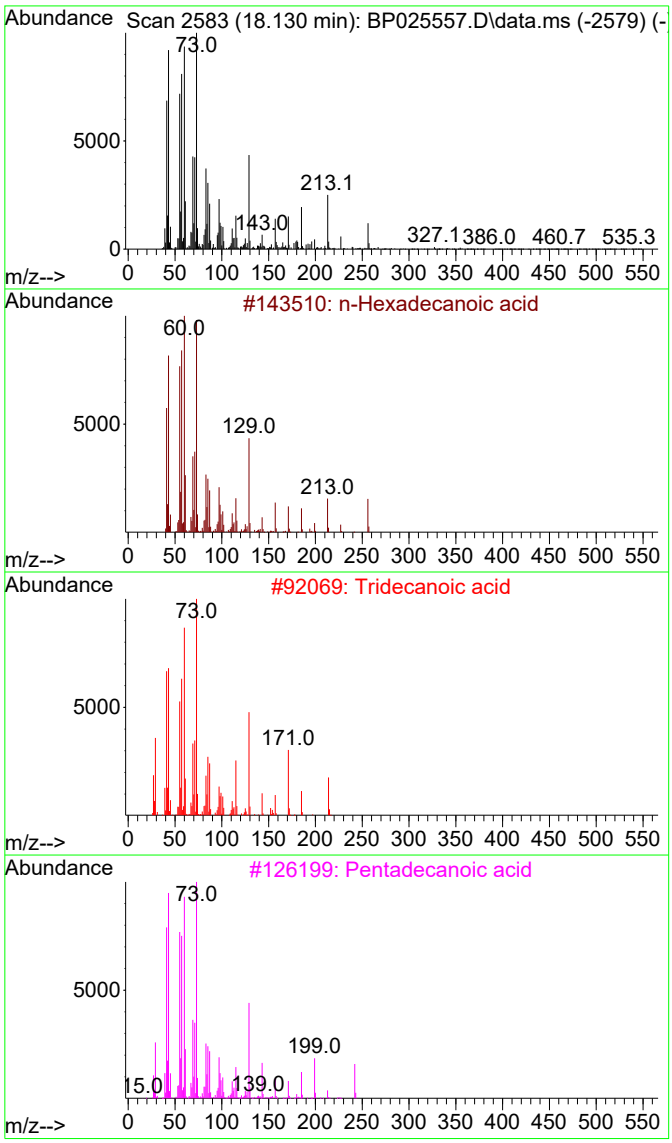
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

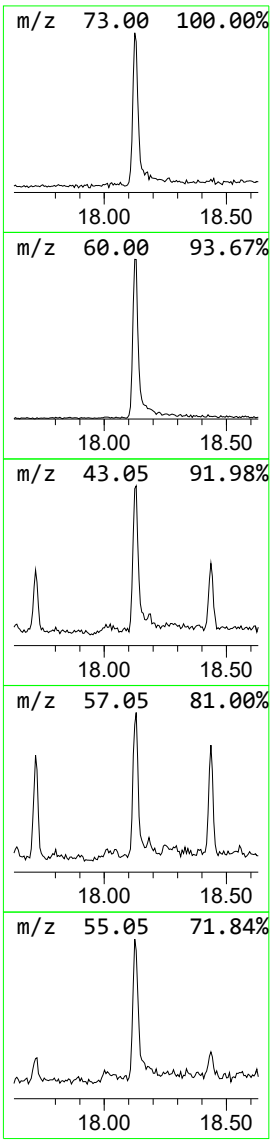
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.130	5.21 ng	679611	Phenanthrene-d10	17.195

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	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	83
5	Octadecanoic acid	284	C18H36O2	000057-11-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025557.D
Acq On : 22 Aug 2025 20:24
Operator : CG/JU
Sample : Q2917-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-082025

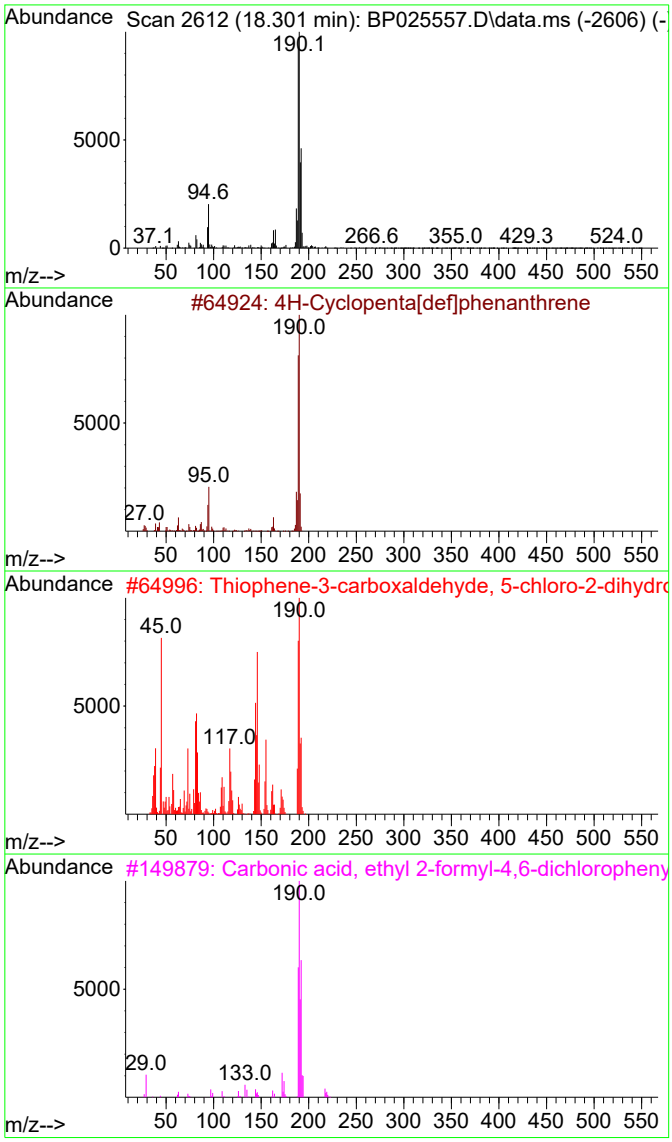
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

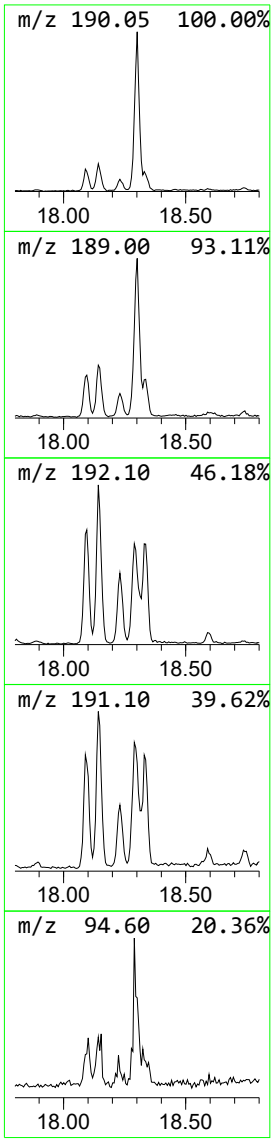
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.301	3.58 ng	467461	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	42
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025557.D
Acq On : 22 Aug 2025 20:24
Operator : CG/JU
Sample : Q2917-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-082025

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

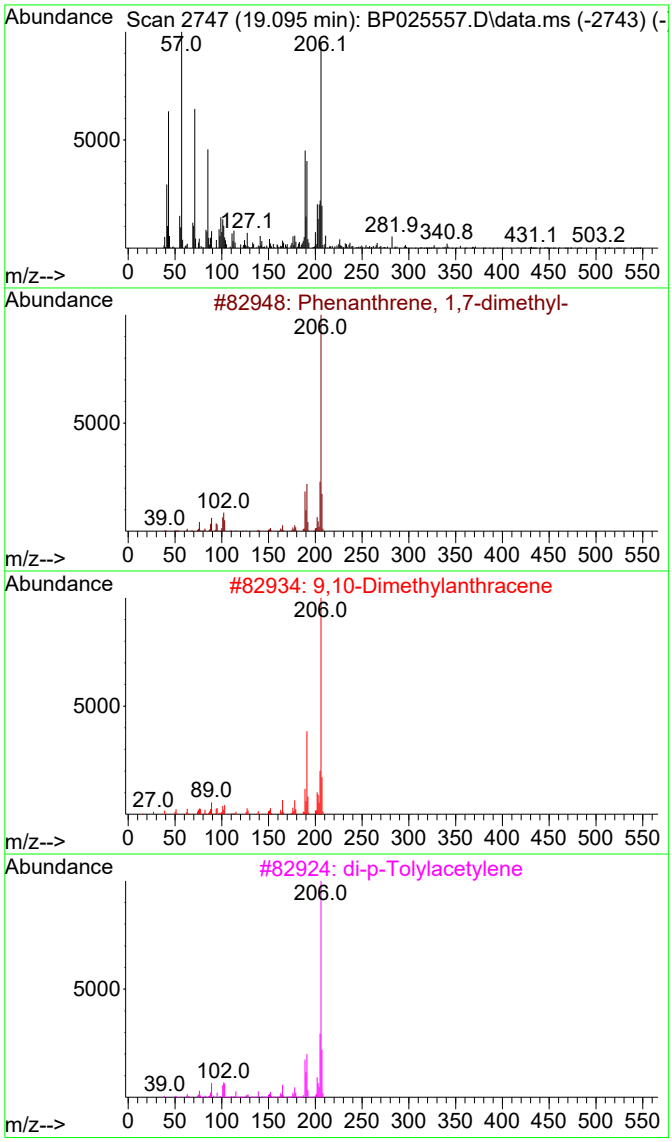
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

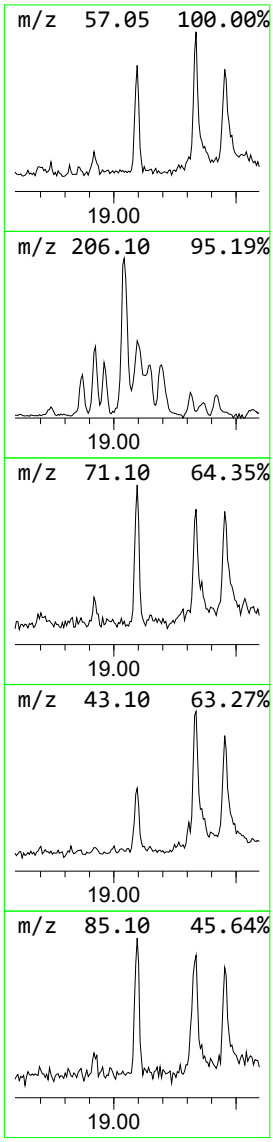
****

Peak Number 5 Phenanthrene, 1,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.095	2.08 ng	271650	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	55
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	55
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	55
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025557.D
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Sample : Q2917-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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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	4.5	ng	263772	1	7.778	1159620	20.0
n-Hexadecanoic ...	18.130	5.2	ng	679611	4	17.195	2611010	20.0
4H-Cyclopenta[d...	18.301	3.6	ng	467461	4	17.195	2611010	20.0
Phenanthrene, 1...	19.095	2.1	ng	271650	4	17.195	2611010	20.0