LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025548.D
Acq On : 22 Aug 2025 14:13
Operator : CG/JU
Sample : Q2832-03 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S02

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: BP025548.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	27	rVB	203605	267809	6.79%	0.867%
2	3.561	102	106	115	rBV	50357	73653	1.87%	0.239%
3	4.943	336	341	350	rVB	34703	55510	1.41%	0.180%
4	5.396	411	418	426	rBV	337644	511085	12.96%	1.655%
5	6.961	676	684	692	rBV	327168	536536	13.61%	1.738%
6	7.778	816	823	833	rBV	654776	1078810	27.36%	3.494%
7	8.919	1010	1017	1027	rBV	207164	356523	9.04%	1.155%
8	10.549	1286	1294	1301	rBV	828213	1489578	37.78%	4.824%
9	13.007	1705	1712	1724	rBV	585739	884687	22.44%	2.865%
10	14.113	1892	1900	1911	rVB2	44957	83026	2.11%	0.269%
11	14.401	1939	1949	1955	rBV	1271381	2019414	51.22%	6.540%
12	14.460	1955	1959	1966	rVB	47659	72167	1.83%	0.234%
13	14.796	2011	2016	2023	rVB2	37736	62102	1.58%	0.201%
14	15.460	2123	2129	2133	rBV2	53771	83965	2.13%	0.272%
15	15.778	2176	2183	2189	rVB2	103217	159130	4.04%	0.515%
16	15.901	2198	2204	2214	rBV	496536	703590	17.84%	2.279%
17	16.154	2241	2247	2249	rBV4	27539	47301	1.20%	0.153%
18	16.478	2293	2302	2304	rBV6	19749	44120	1.12%	0.143%
19	16.837	2359	2363	2372	rVB2	37711	66944	1.70%	0.217%
20	16.919	2372	2377	2382	rBV4	21502	55258	1.40%	0.179%
21	17.013	2388	2393	2402	rVB	34683	66260	1.68%	0.215%
22	17.190	2416	2423	2427	rBV	1626754	2449708	62.13%	7.934%
23	17.231	2427	2430	2438	rVB	601542	910594	23.09%	2.949%
24	17.331	2443	2447	2453	rVV	174997	271842	6.89%	0.880%
25	17.607	2489	2494	2498	rBV	43271	60607	1.54%	0.196%
26	18.101	2573	2578	2580	rBV	117308	174949	4.44%	0.567%
27	18.131	2580	2583	2591	rVV2	233914	493538	12.52%	1.598%
28	18.231	2595	2600	2604	rVV	66119	117559	2.98%	0.381%
29	18.295	2605	2611	2615	rVV2	167451	347285	8.81%	1.125%
30	18.331	2615	2617	2626	rVB	95137	136092	3.45%	0.441%
31	18.613	2661	2665	2669	rBV	77453	117225	2.97%	0.380%
32	18.654	2669	2672	2683	rVB3	59387	109264	2.77%	0.354%
33	18.866	2705	2708	2712	rVB2	43374	48792	1.24%	0.158%
34	18.919	2713	2717	2721	rVV	35516	53170	1.35%	0.172%
35	19.048	2734	2739	2743	rBV	114709	171098	4.34%	0.554%
36	19.107	2744	2749	2752	rBV4	53566	106550	2.70%	0.345%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025548.D
Acq On : 22 Aug 2025 14:13
Operator : CG/JU
Sample : Q2832-03 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S02

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	19.189	2758	2763	2772	rBV2	84084	166359	4.22%	0.539%
38	19.307	2778	2783	2790	rBV	1221253	1723053	43.70%	5.580%
39	19.419	2799	2802	2805	rBV4	32106	47155	1.20%	0.153%
40	19.454	2805	2808	2810	rBV3	54215	61525	1.56%	0.199%
41	19.684	2838	2847	2858	rBV	1205251	2022510	51.30%	6.550%
42	19.772	2858	2862	2868	rVB3	86685	137109	3.48%	0.444%
43	19.872	2876	2879	2881	rBV	72949	82834	2.10%	0.268%
44	19.907	2881	2885	2897	rVB	1229542	1563929	39.66%	5.065%
45	20.031	2902	2906	2907	rBV3	70996	92363	2.34%	0.299%
46	20.172	2927	2930	2931	rBV2	50968	61258	1.55%	0.198%
47	20.201	2933	2935	2940	rVB2	172847	205453	5.21%	0.665%
48	20.313	2952	2954	2957	rVB	87813	81702	2.07%	0.265%
49	20.366	2959	2963	2968	rBV3	136207	245583	6.23%	0.795%
50	20.519	2986	2989	2992	rVB	93252	95637	2.43%	0.310%
51	20.560	2994	2996	3001	rVB	94240	106550	2.70%	0.345%
52	20.719	3019	3023	3028	rVB	260523	344561	8.74%	1.116%
53	20.989	3066	3069	3079	rBV	121357	197874	5.02%	0.641%
54	21.619	3168	3176	3181	rBV3	2057203	3942848	100.00%	12.769%
55	21.666	3181	3184	3190	rVB	596009	783892	19.88%	2.539%
56	23.936	3563	3570	3575	rBV	335161	911944	23.13%	2.953%
57	24.824	3717	3721	3729	rVB	306604	696016	17.65%	2.254%
58	24.971	3738	3746	3756	rBV	1135734	3021442	76.63%	9.785%

Sum of corrected areas: 30877338

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Data File : BP025548.D
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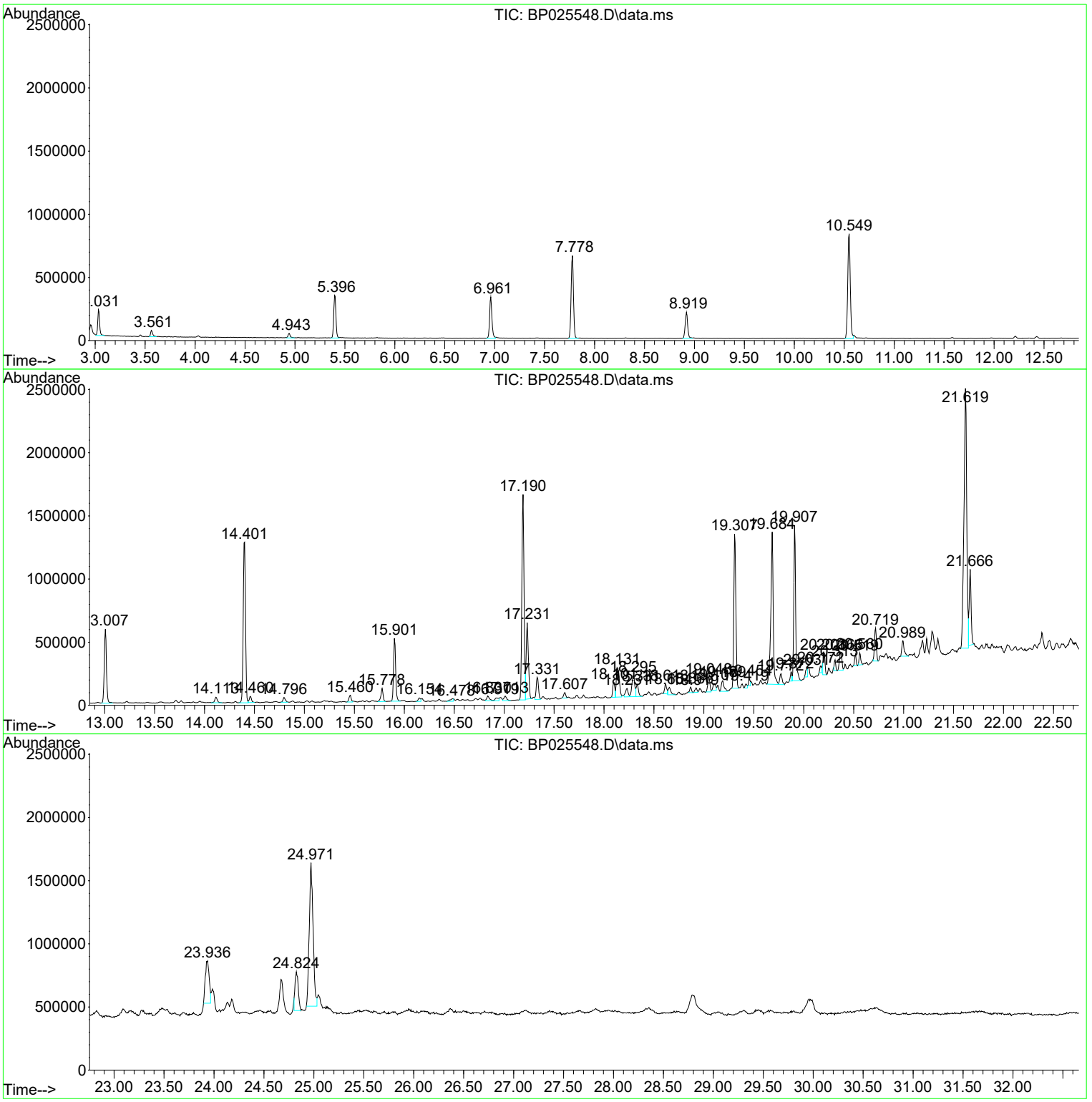
Sample : Q2832-03 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S02

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 : BP025548.D
Acq On : 22 Aug 2025 14:13
Operator : CG/JU
Sample : Q2832-03 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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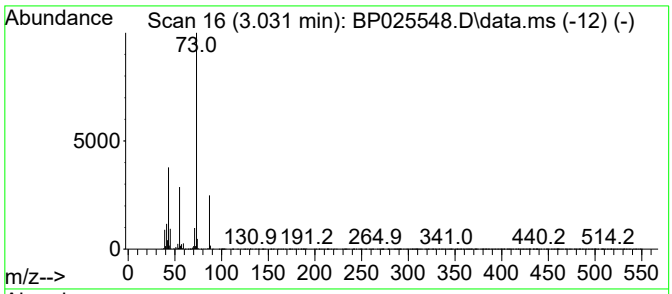
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

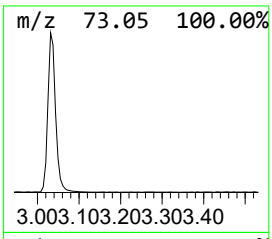
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

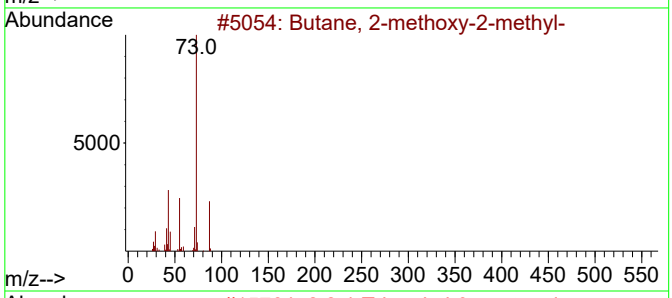
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

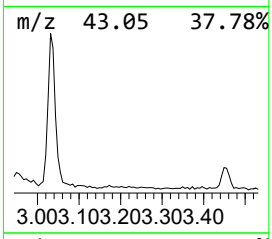
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	4.96 ng	267809	1,4-Dichlorobenzene-d4	7.778

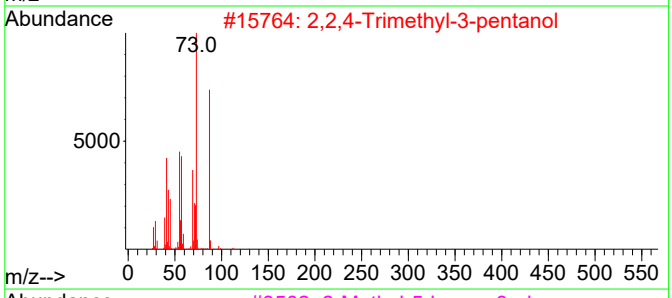
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17

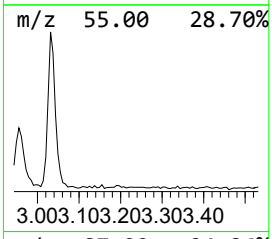


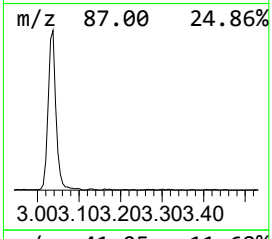


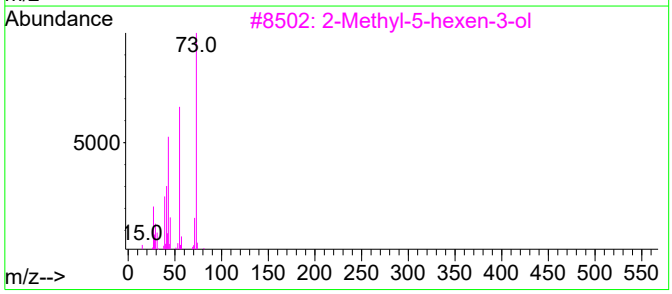


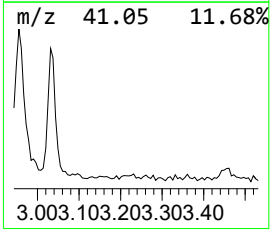












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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S02

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

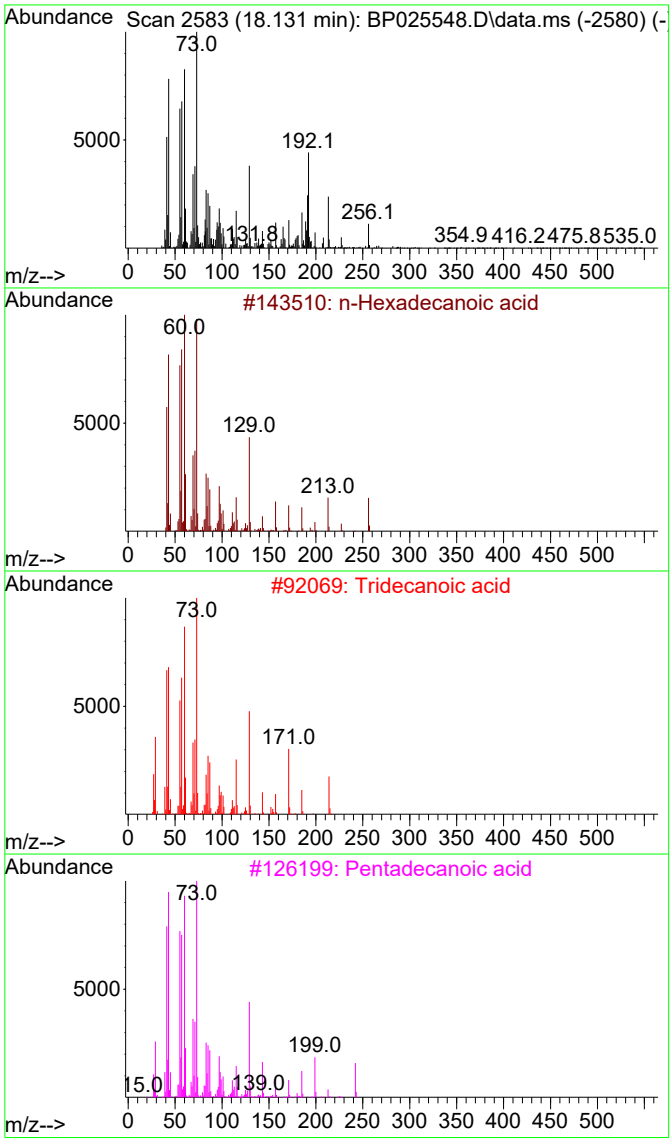
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

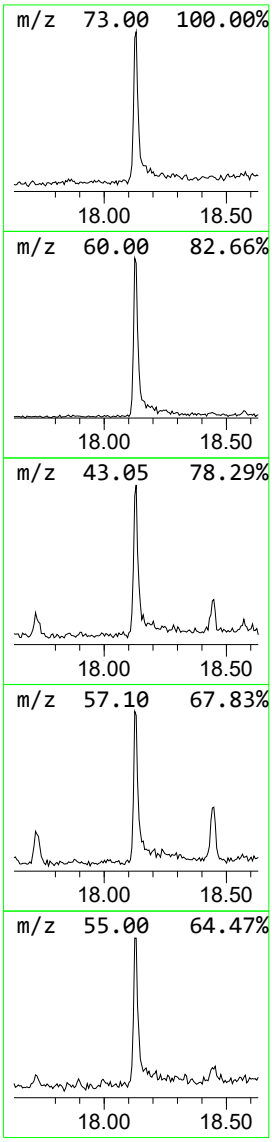
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.131	4.03 ng	493538	Phenanthrene-d10	17.189

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	96
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025548.D
Acq On : 22 Aug 2025 14:13
Operator : CG/JU
Sample : Q2832-03 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S02

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

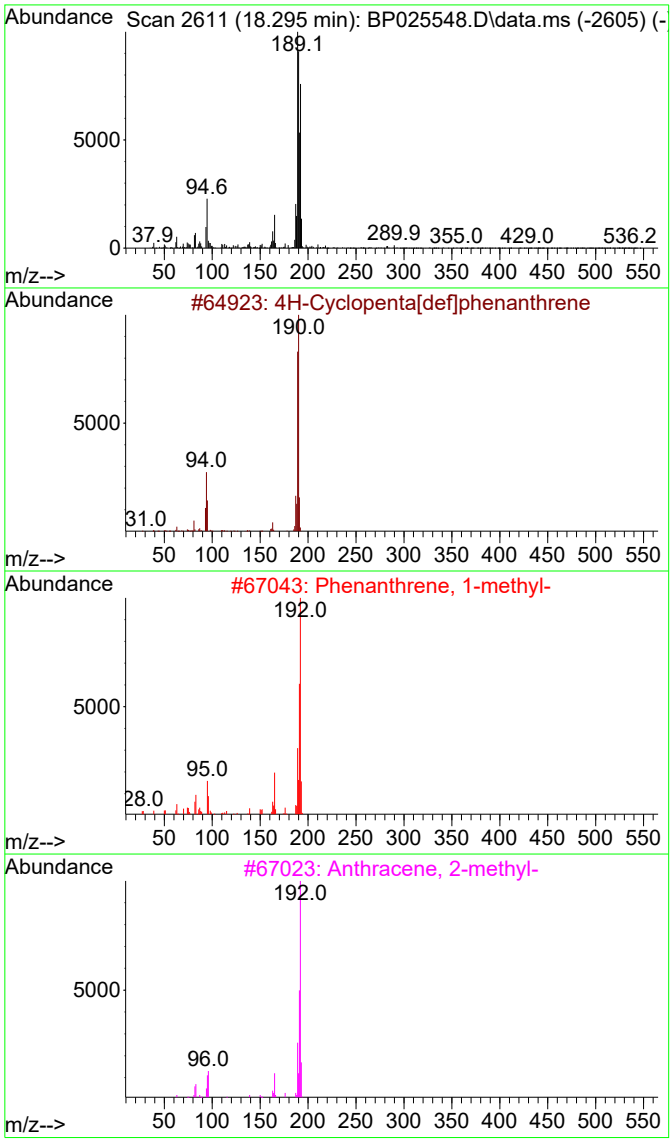
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

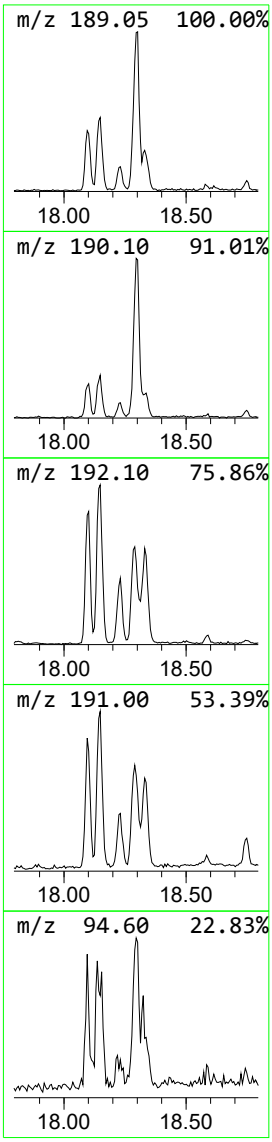
****

Peak Number 3 unknown18.295 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.295	2.84 ng	347285	Phenanthrene-d10	17.189

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025548.D
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Sample : Q2832-03 5X
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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	5.0	ng	267809	1	7.778	1078810	20.0
n-Hexadecanoic ...	18.131	4.0	ng	493538	4	17.189	2449710	20.0
unknown18.295	18.295	2.8	ng	347285	4	17.189	2449710	20.0