LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025882.D
Acq On : 29 Sep 2025 15:45
Operator : CG/JU
Sample : Q3208-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-ESM-COMP-02

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-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025882.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.008	8	12	23	rVB	841589	1126757	17.69%	2.216%
2	5.384	409	416	431	rBV	1654814	2739639	43.00%	5.388%
3	6.949	676	682	703	rBV	1288864	2558061	40.15%	5.031%
4	7.743	809	817	831	rBV	647543	1084219	17.02%	2.132%
5	8.896	1005	1013	1030	rBV	852999	1735865	27.25%	3.414%
6	10.519	1279	1289	1303	rBV	786806	1406423	22.08%	2.766%
7	12.966	1698	1705	1730	rBV	2292104	3842330	60.31%	7.557%
8	14.090	1888	1896	1908	rBV	48916	100770	1.58%	0.198%
9	14.366	1936	1943	1950	rBV	1075650	1819530	28.56%	3.579%
10	15.743	2171	2177	2192	rVB	333504	575286	9.03%	1.131%
11	15.890	2195	2202	2219	rBV	1844214	3151645	49.47%	6.199%
12	16.572	2314	2318	2322	rBV2	63090	90996	1.43%	0.179%
13	17.172	2412	2420	2424	rBV2	1304709	2243131	35.21%	4.412%
14	17.219	2424	2428	2434	rVB	415236	666381	10.46%	1.311%
15	17.307	2439	2443	2448	rVV	144212	245445	3.85%	0.483%
16	17.360	2449	2452	2467	rVB7	57420	138067	2.17%	0.272%
17	17.707	2507	2511	2519	rVB7	29624	64887	1.02%	0.128%
18	17.984	2554	2558	2564	rBV4	78757	140529	2.21%	0.276%
19	18.042	2564	2568	2571	rBV	184277	245213	3.85%	0.482%
20	18.107	2574	2579	2594	rVB	2237352	3382485	53.09%	6.653%
21	18.284	2604	2609	2613	rBV2	124207	224497	3.52%	0.442%
22	18.601	2659	2663	2667	rVB	64035	95936	1.51%	0.189%
23	18.654	2668	2672	2678	rBV	106584	174063	2.73%	0.342%
24	19.078	2739	2744	2749	rBV7	59336	148114	2.32%	0.291%
25	19.301	2776	2782	2792	rBV	1451227	2552751	40.07%	5.021%
26	19.436	2801	2805	2813	rBV2	1160629	1918468	30.11%	3.773%
27	19.501	2813	2816	2822	rVB2	180621	305806	4.80%	0.601%
28	19.648	2837	2841	2842	rBV	178157	215261	3.38%	0.423%
29	19.678	2842	2846	2855	rVB	1219145	1835915	28.82%	3.611%
30	19.895	2877	2883	2888	rBV	4943738	6370791	100.00%	12.530%
31	20.013	2900	2903	2912	rVB2	136080	289228	4.54%	0.569%
32	20.995	3068	3070	3075	rBV	145379	202647	3.18%	0.399%
33	21.278	3114	3118	3124	rVB3	550316	890112	13.97%	1.751%
34	21.525	3157	3160	3164	rVB	370402	500211	7.85%	0.984%
35	21.625	3170	3177	3182	rBV2	1764287	3842124	60.31%	7.557%
36	21.678	3182	3186	3198	rVB	737430	1436278	22.54%	2.825%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025882.D
Acq On : 29 Sep 2025 15:45
Operator : CG/JU
Sample : Q3208-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-ESM-COMP-02

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-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	24.983	3741	3748	3756	rBV2	870589	2484568	39.00%	4.887%

Sum of corrected areas: 50844429

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
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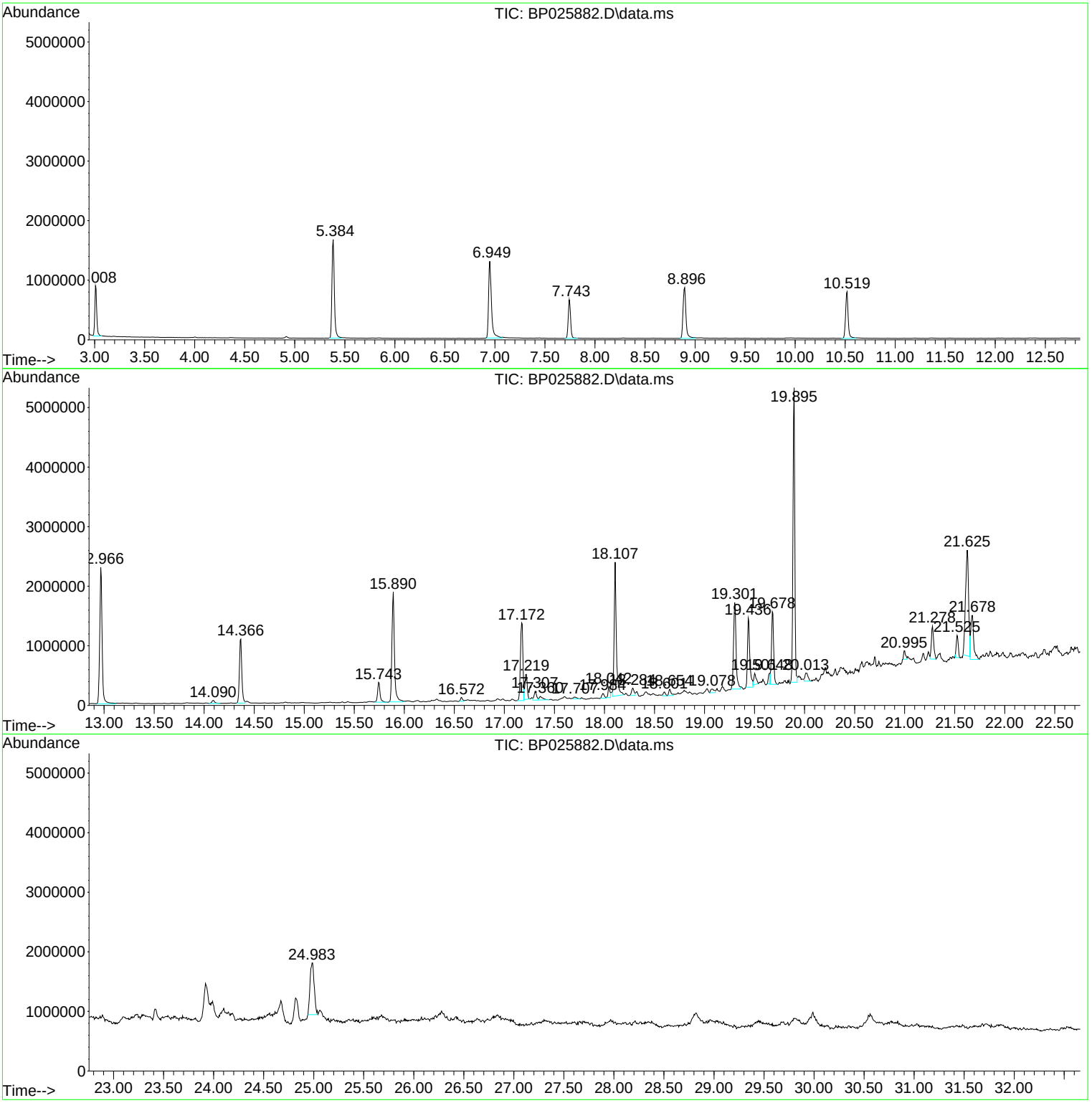
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-ESM-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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\BP092925\
Data File : BP025882.D
Acq On : 29 Sep 2025 15:45
Operator : CG/JU
Sample : Q3208-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-ESM-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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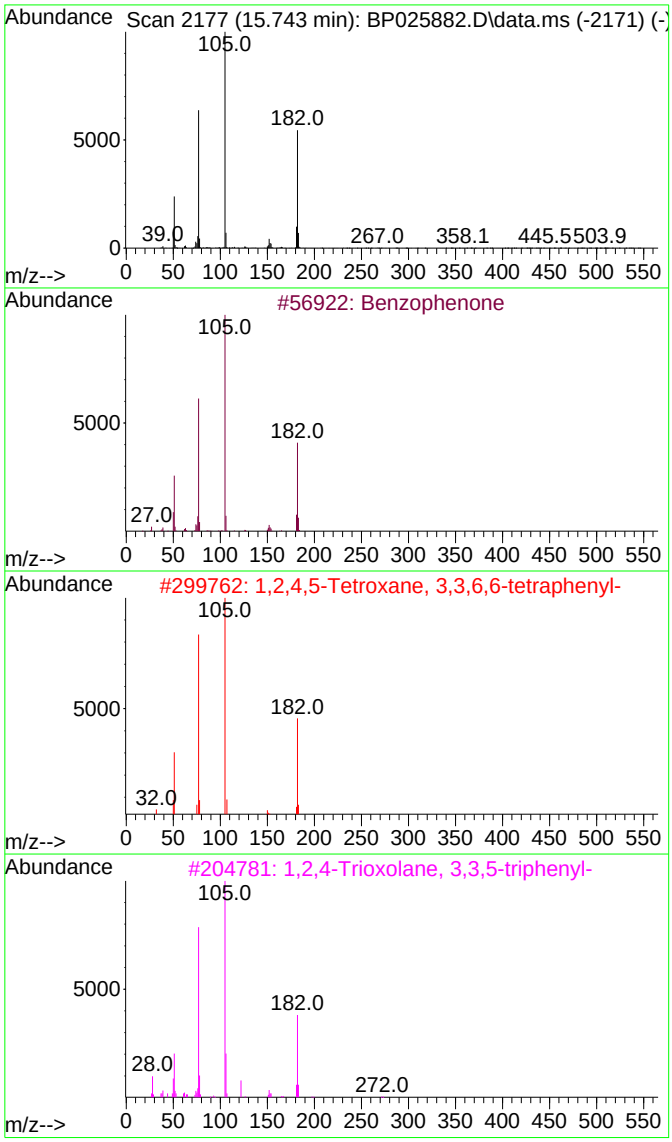
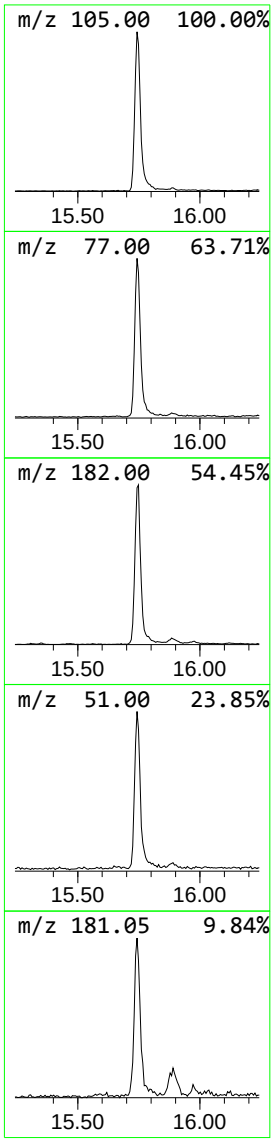
Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.743	6.32 ng	575286	Acenaphthene-d10	14.366

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	56
3	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	50
4	Azobenzene	182	C12H10N2	000103-33-3	45
5	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025882.D
Acq On : 29 Sep 2025 15:45
Operator : CG/JU
Sample : Q3208-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-ESM-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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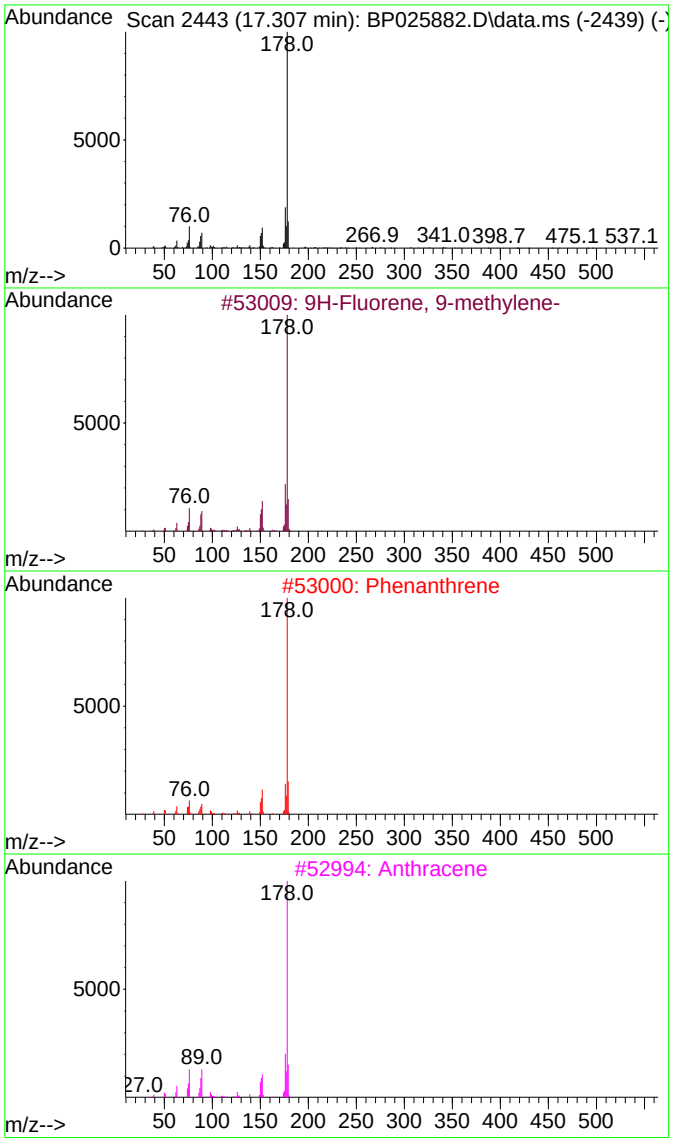
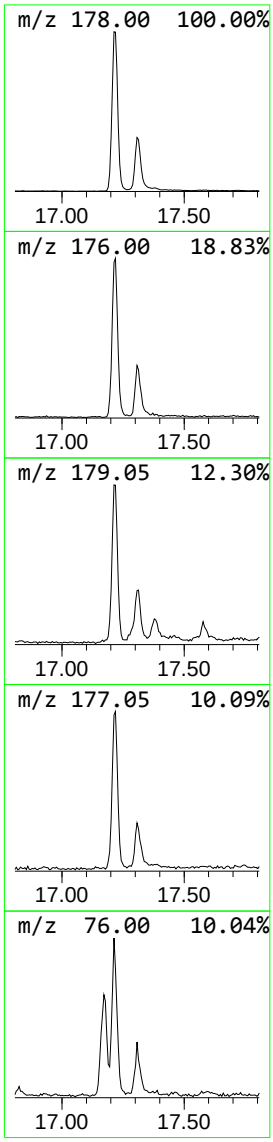
Peak Number 3 9H-Fluorene, 9-methylene- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.307	2.19 ng	245445	Phenanthrene-d10	17.172

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methylene-	178	C14H10	004425-82-5	93
2	Phenanthrene	178	C14H10	000085-01-8	93
3	Anthracene	178	C14H10	000120-12-7	93
4	Diphenylacetylene	178	C14H10	000501-65-5	90
5	4-Ethynyl-1,1'-biphenyl	178	C14H10	029079-00-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025882.D
Acq On : 29 Sep 2025 15:45
Operator : CG/JU
Sample : Q3208-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-ESM-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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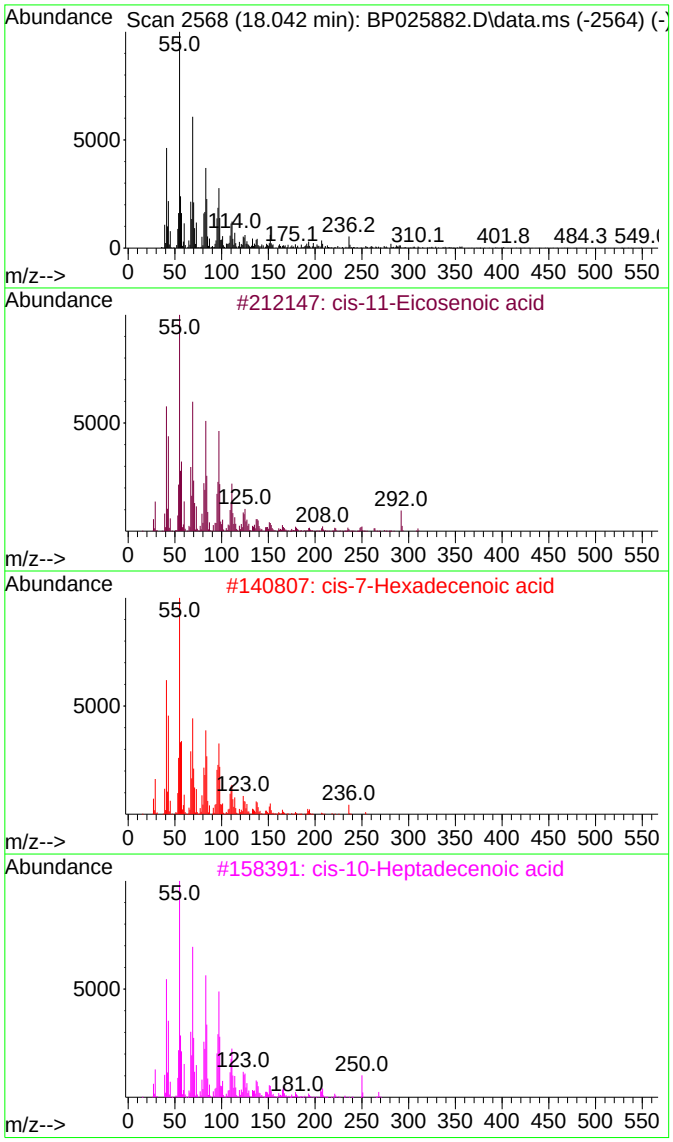
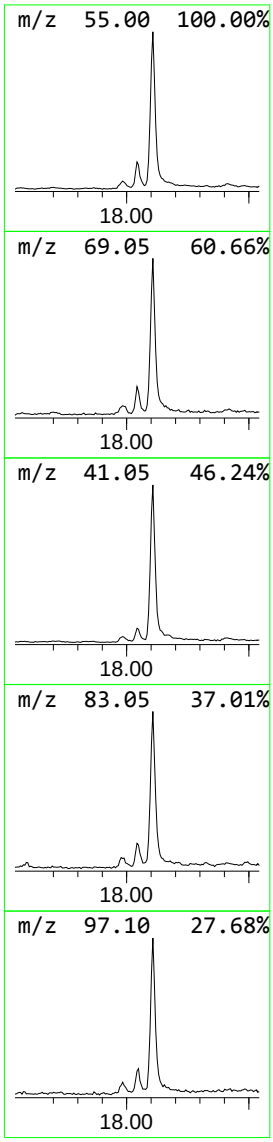
Peak Number 4 cis-11-Eicosenoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.042	2.19 ng	245213	Phenanthrene-d10	17.172

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-11-Eicosenoic acid	310	C20H38O2	005561-99-9	98
2	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	95
3	cis-10-Heptadecenoic acid	268	C17H32O2	029743-97-3	95
4	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	95
5	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025882.D
Acq On : 29 Sep 2025 15:45
Operator : CG/JU
Sample : Q3208-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-ESM-COMP-02

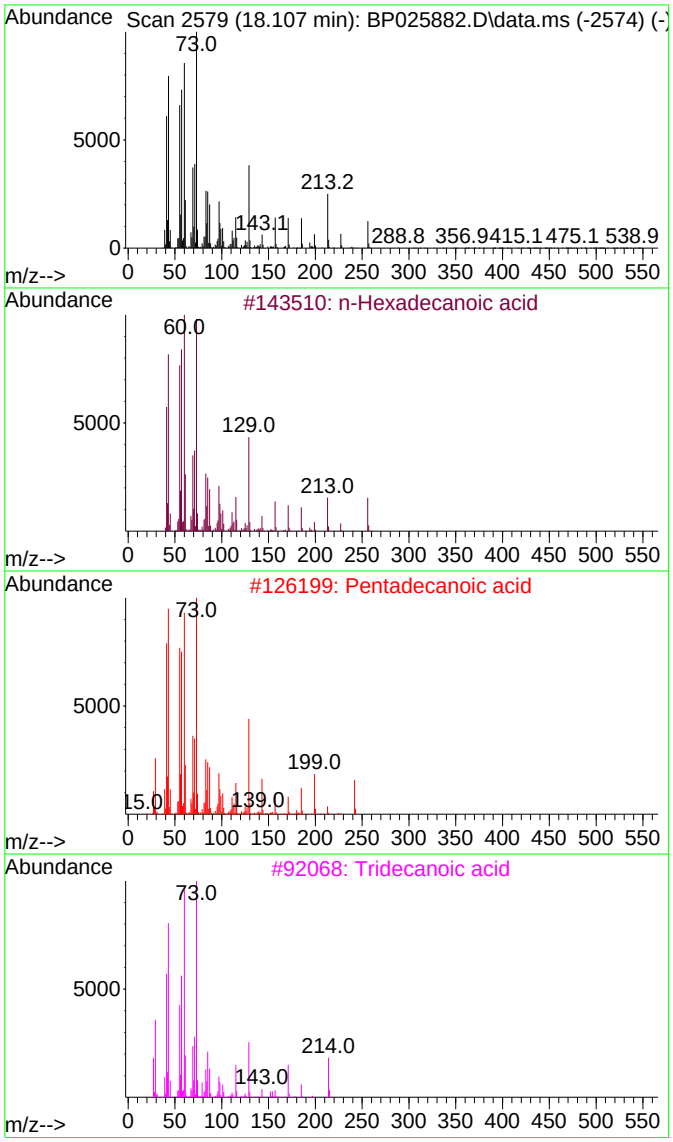
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

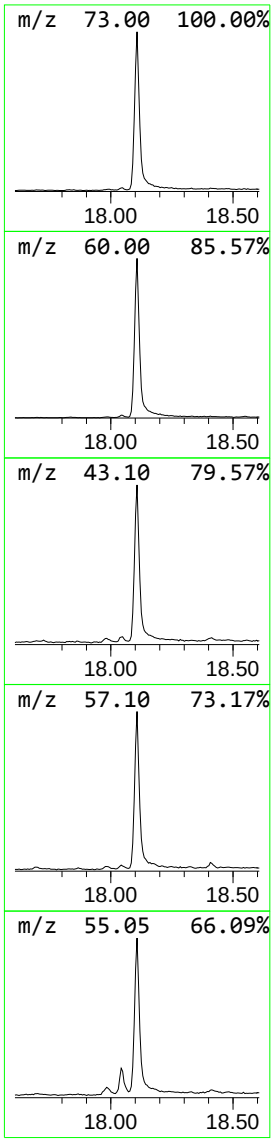
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.107	30.16 ng	3382490	Phenanthrene-d10	17.172

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	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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Sample : Q3208-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-ESM-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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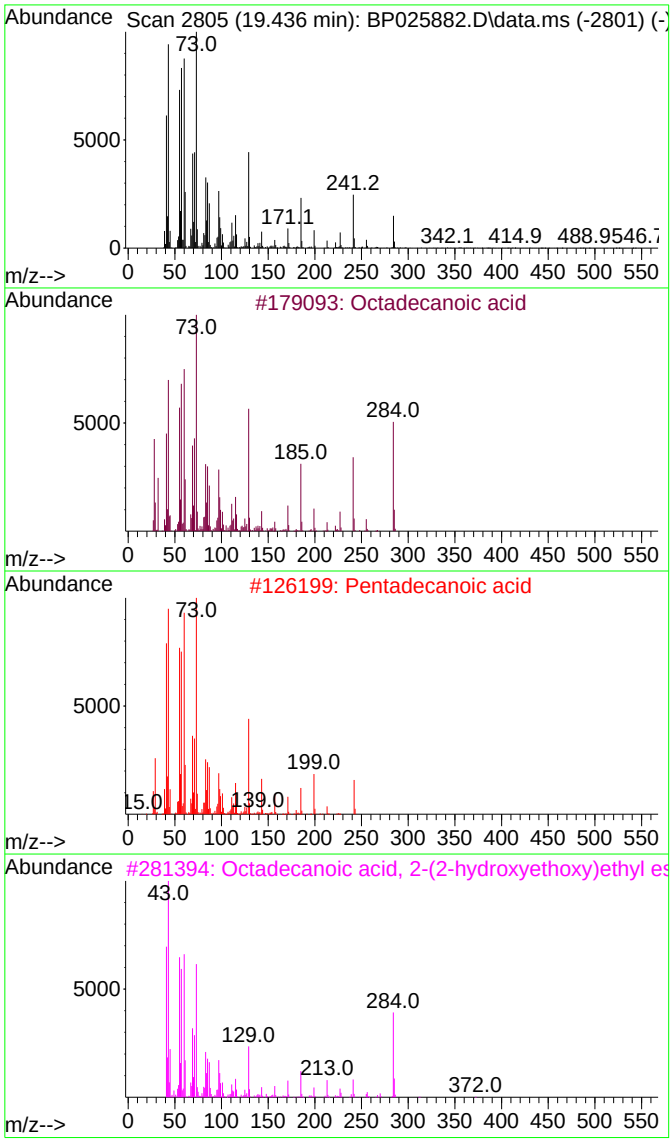
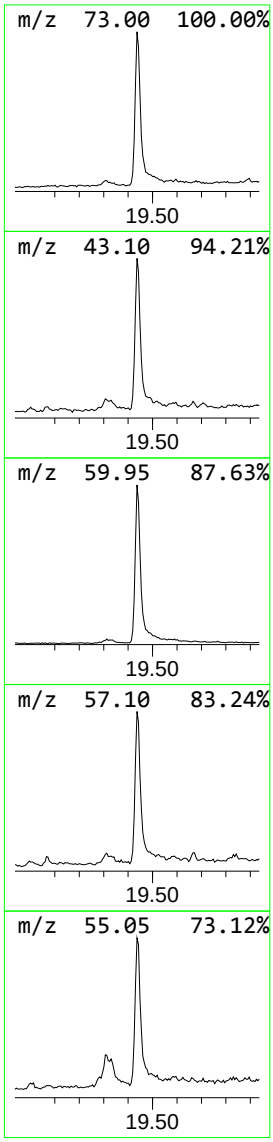
Peak Number 7 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.436	9.99 ng	1918470	Chrysene-d12	21.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025882.D
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Operator : CG/JU
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Misc :
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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
Benzophenone	15.743	6.3	ng	575286	3	14.366	1819530	20.0
9H-Fluorene, 9-...	17.307	2.2	ng	245445	4	17.172	2243130	20.0
cis-11-Eicoseno...	18.042	2.2	ng	245213	4	17.172	2243130	20.0
n-Hexadecanoic ...	18.107	30.2	ng	3382490	4	17.172	2243130	20.0
Octadecanoic acid	19.436	10.0	ng	1918470	5	21.625	3842120	20.0