LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025152.D
Acq On : 15 Jul 2025 19:25
Operator : CG/JU
Sample : Q2539-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HACKENSACK

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-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025152.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.108	362	369	379	rBV	552732	790087	8.65%	0.925%
2	6.643	622	630	638	rVB	585052	983470	10.76%	1.152%
3	7.443	760	766	773	rVB	2290264	3532692	38.66%	4.136%
4	8.002	848	861	866	rBV3	70937	140008	1.53%	0.164%
5	8.531	941	951	952	rBV9	49736	102021	1.12%	0.119%
6	8.572	952	958	965	rVB	330600	598374	6.55%	0.701%
7	8.784	984	994	999	rVB9	52127	153057	1.67%	0.179%
8	9.137	1049	1054	1060	rVB3	76713	127462	1.39%	0.149%
9	9.396	1093	1098	1107	rVB6	85909	177114	1.94%	0.207%
10	10.190	1225	1233	1246	rBV	3335189	5430352	59.42%	6.359%
11	10.884	1343	1351	1360	rVB	48463	150708	1.65%	0.176%
12	11.254	1407	1414	1419	rBV4	84122	194728	2.13%	0.228%
13	12.131	1559	1563	1569	rBV3	55473	105386	1.15%	0.123%
14	12.690	1653	1658	1664	rVB	1120619	1544552	16.90%	1.809%
15	13.025	1711	1715	1720	rVB4	75888	111420	1.22%	0.130%
16	13.460	1785	1789	1795	rVB6	70454	110941	1.21%	0.130%
17	13.519	1795	1799	1803	rBV2	93035	133395	1.46%	0.156%
18	13.613	1811	1815	1819	rBV2	108025	135577	1.48%	0.159%
19	14.048	1885	1889	1891	rBV	143436	172590	1.89%	0.202%
20	14.096	1891	1897	1904	rVV	4727157	7282070	79.69%	8.527%
21	14.501	1962	1966	1972	rVB6	82917	179626	1.97%	0.210%
22	14.684	1993	1997	2002	rVB5	108282	169935	1.86%	0.199%
23	14.748	2003	2008	2011	rBV5	95470	186087	2.04%	0.218%
24	14.784	2012	2014	2020	rVB4	86396	164662	1.80%	0.193%
25	14.913	2033	2036	2041	rVB6	84737	119487	1.31%	0.140%
26	15.019	2050	2054	2059	rVB	289823	372479	4.08%	0.436%
27	15.437	2118	2125	2129	rBV	202707	437595	4.79%	0.512%
28	15.501	2133	2136	2140	rVB	168789	241826	2.65%	0.283%
29	15.613	2151	2155	2167	rVB	800292	1361924	14.90%	1.595%
30	15.907	2202	2205	2208	rBV	508018	668217	7.31%	0.782%
31	15.937	2208	2210	2214	rVB	355640	360185	3.94%	0.422%
32	16.260	2261	2265	2269	rBV4	177481	291471	3.19%	0.341%
33	16.725	2340	2344	2349	rVB	626769	811730	8.88%	0.950%
34	16.784	2350	2354	2360	rVB	386997	526675	5.76%	0.617%
35	16.919	2371	2377	2381	rBV	6331316	8193003	89.65%	9.593%
36	16.954	2381	2383	2388	rVB	439838	506023	5.54%	0.593%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025152.D
Acq On : 15 Jul 2025 19:25
Operator : CG/JU
Sample : Q2539-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HACKENSACK

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-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.042	2395	2398	2403	rVB	188415	257359	2.82%	0.301%
38	17.489	2470	2474	2479	rBV	718683	972169	10.64%	1.138%
39	17.666	2500	2504	2510	rBV	1023107	1314624	14.39%	1.539%
40	17.895	2538	2543	2550	rBV	1965041	2816869	30.82%	3.298%
41	18.025	2561	2565	2569	rBV2	322559	537270	5.88%	0.629%
42	18.207	2593	2596	2601	rVB	623373	752280	8.23%	0.881%
43	18.860	2703	2707	2709	rBV	1340513	1786150	19.55%	2.091%
44	18.889	2709	2712	2716	rVB2	2490658	3127488	34.22%	3.662%
45	19.054	2735	2740	2743	rBV2	1783572	2986759	32.68%	3.497%
46	19.089	2743	2746	2748	rVV	2042956	2637592	28.86%	3.088%
47	19.119	2748	2751	2763	rVB2	4630588	7949017	86.98%	9.308%
48	19.242	2768	2772	2776	rBV2	849656	1146879	12.55%	1.343%
49	19.436	2801	2805	2809	rVB	1286856	1578854	17.28%	1.849%
50	19.489	2811	2814	2818	rBV	504536	565776	6.19%	0.662%
51	19.666	2840	2844	2848	rBV	1954623	2414074	26.42%	2.827%
52	21.342	3124	3129	3134	rVB2	5107060	9138464	100.00%	10.700%
53	24.489	3659	3664	3673	rVB	3760846	8854434	96.89%	10.368%

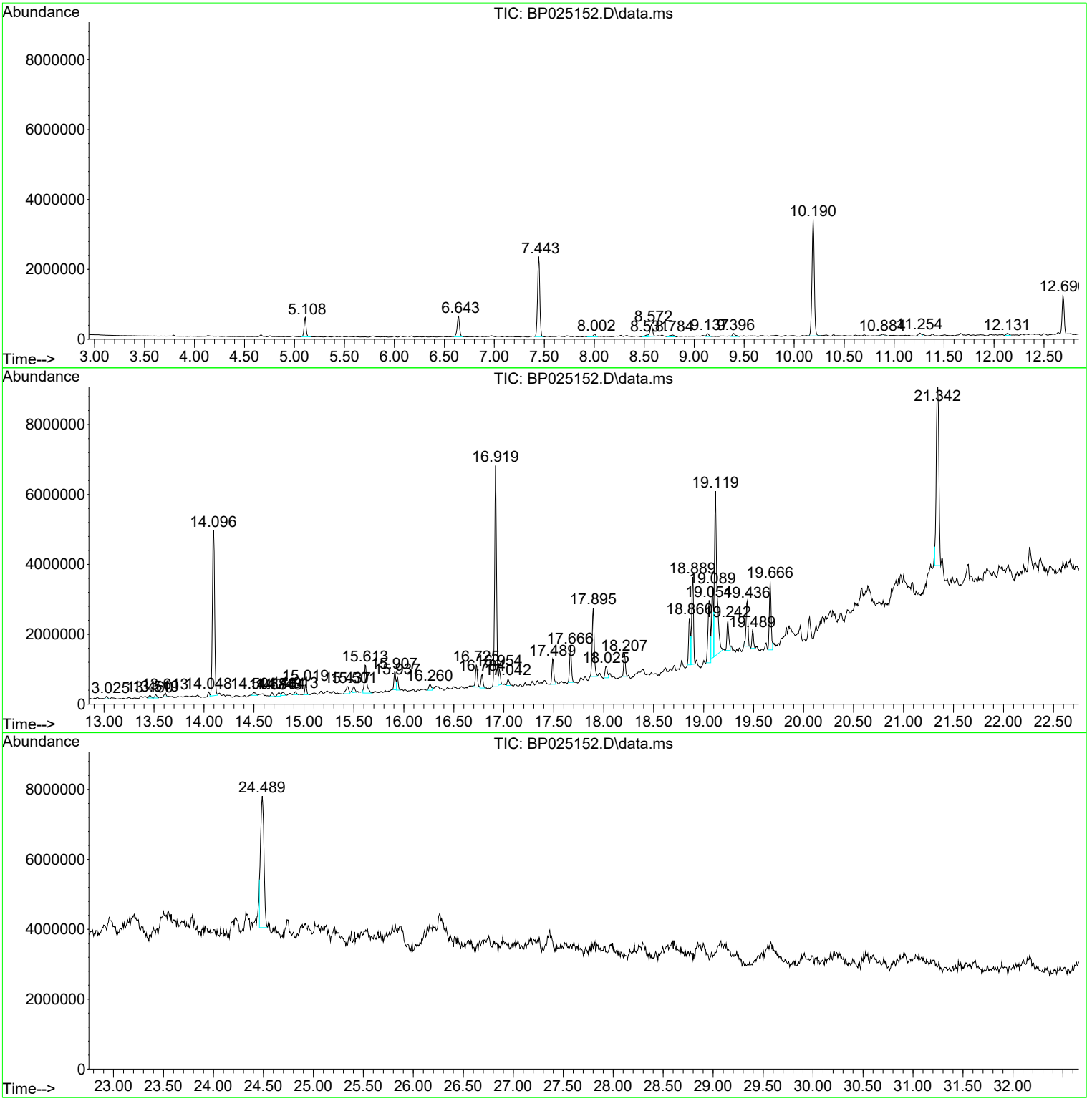
Sum of corrected areas: 85402987

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025152.D
Acq On : 15 Jul 2025 19:25
Operator : CG/JU
Sample : Q2539-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HACKENSACK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.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\BP071525\
Data File : BP025152.D
Acq On : 15 Jul 2025 19:25
Operator : CG/JU
Sample : Q2539-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HACKENSACK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

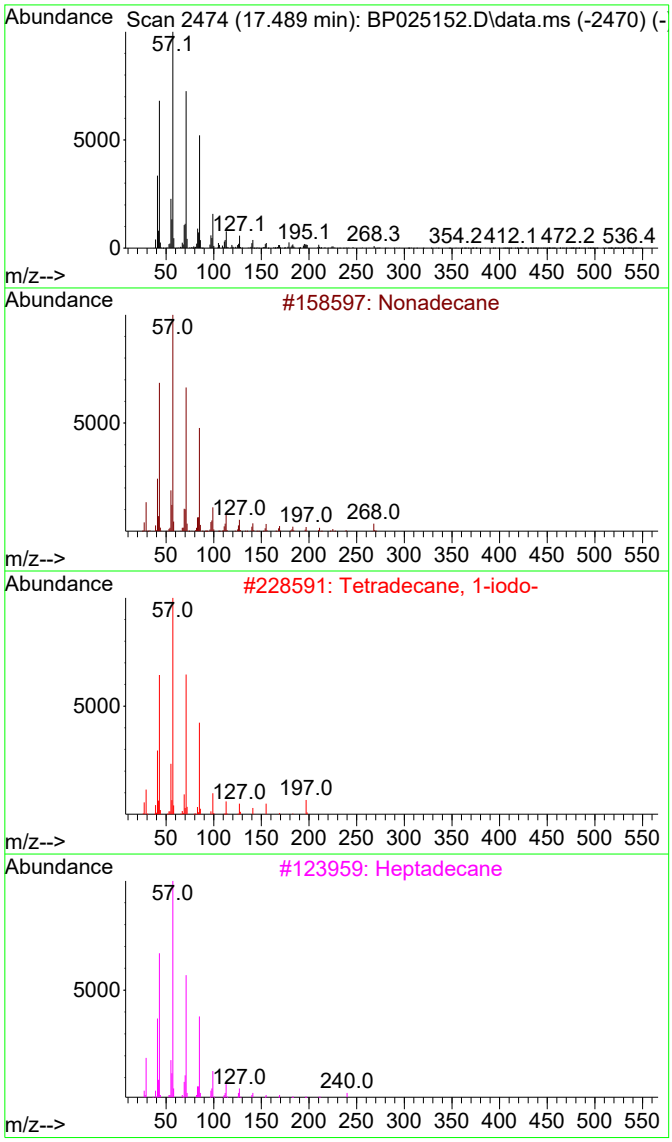
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

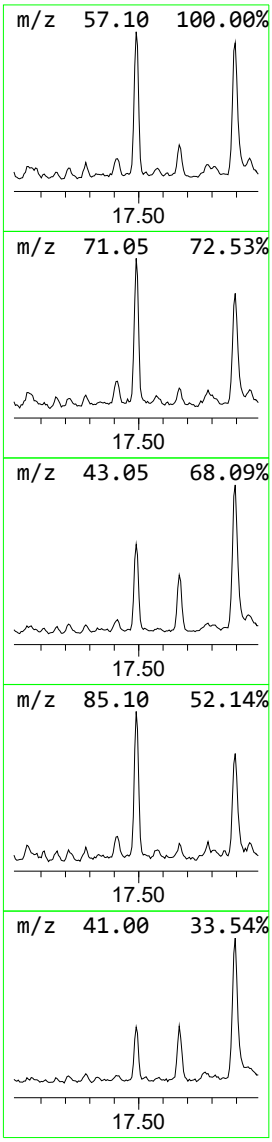
****

Peak Number 1 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.490	2.37 ng	972169	Phenanthrene-d10	16.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025152.D
Acq On : 15 Jul 2025 19:25
Operator : CG/JU
Sample : Q2539-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HACKENSACK

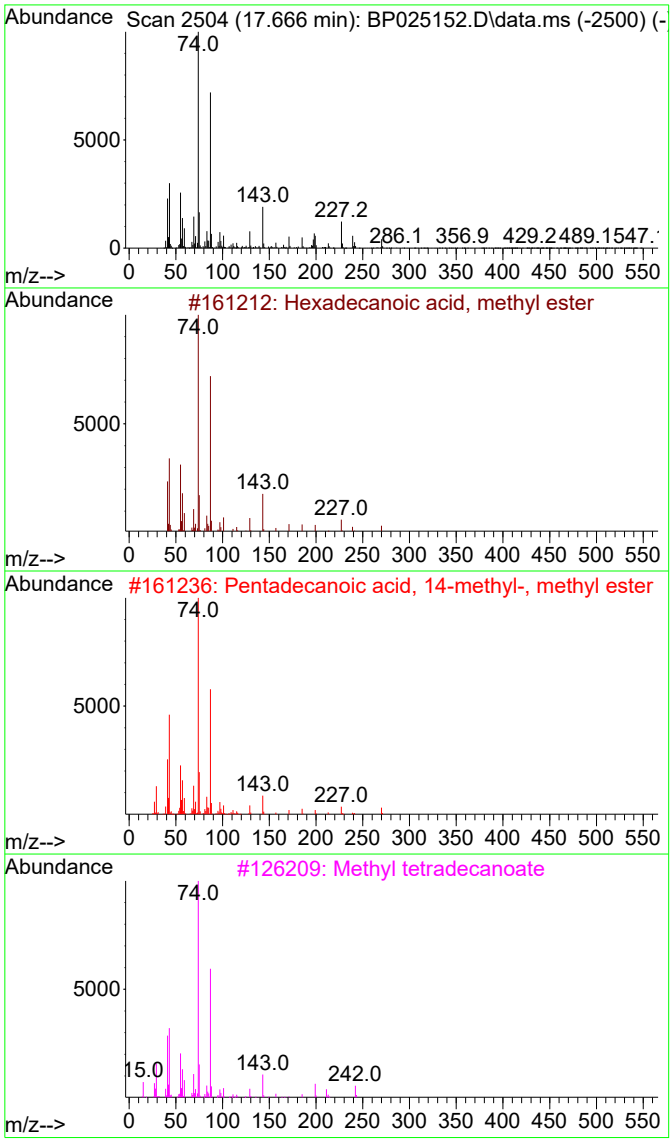
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

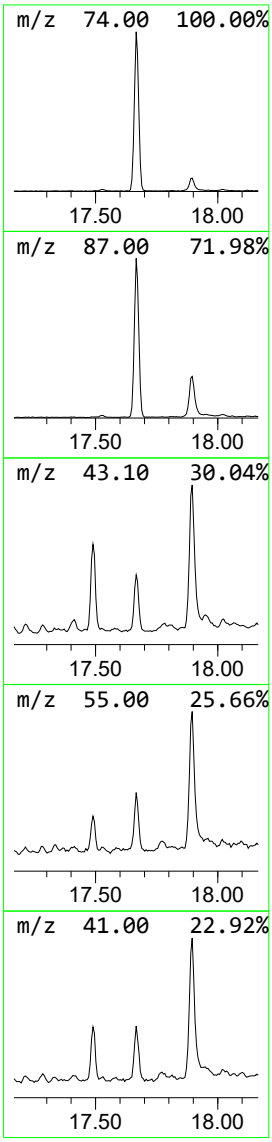
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.666	3.21 ng	1314620	Phenanthrene-d10	16.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025152.D
Acq On : 15 Jul 2025 19:25
Operator : CG/JU
Sample : Q2539-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HACKENSACK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

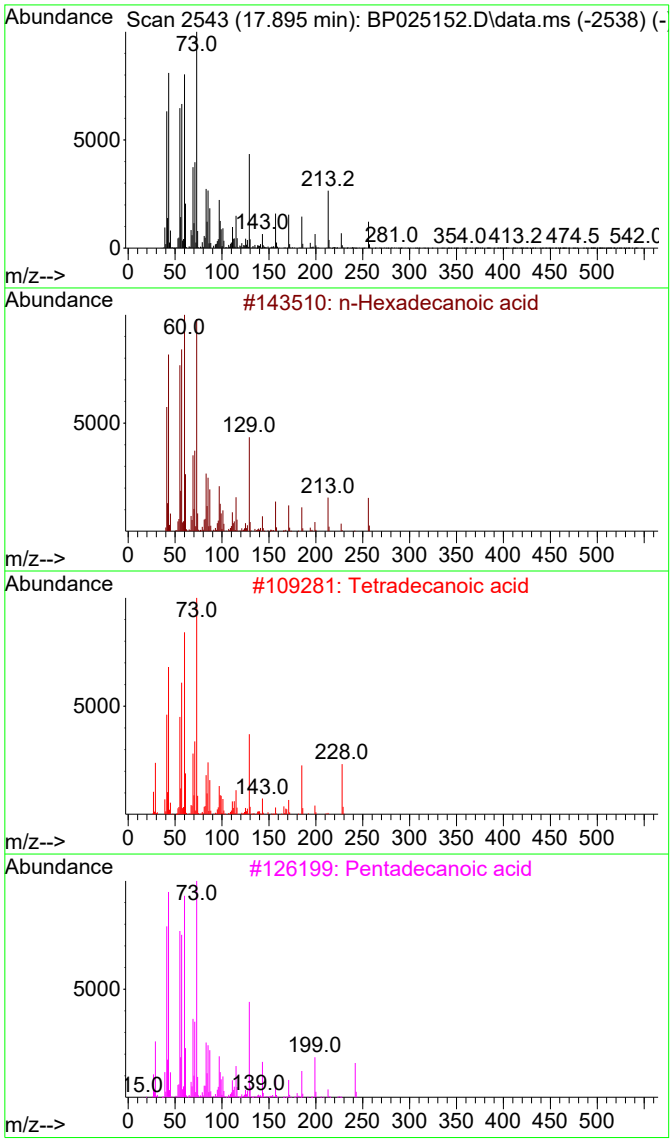
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

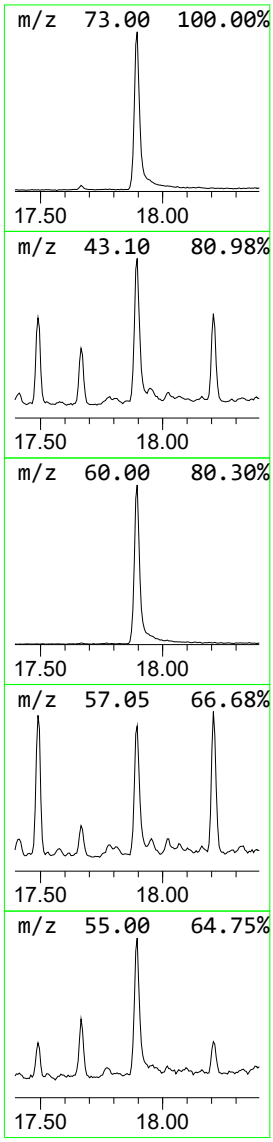
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.895	6.88 ng	2816870	Phenanthrene-d10	16.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025152.D
Acq On : 15 Jul 2025 19:25
Operator : CG/JU
Sample : Q2539-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HACKENSACK

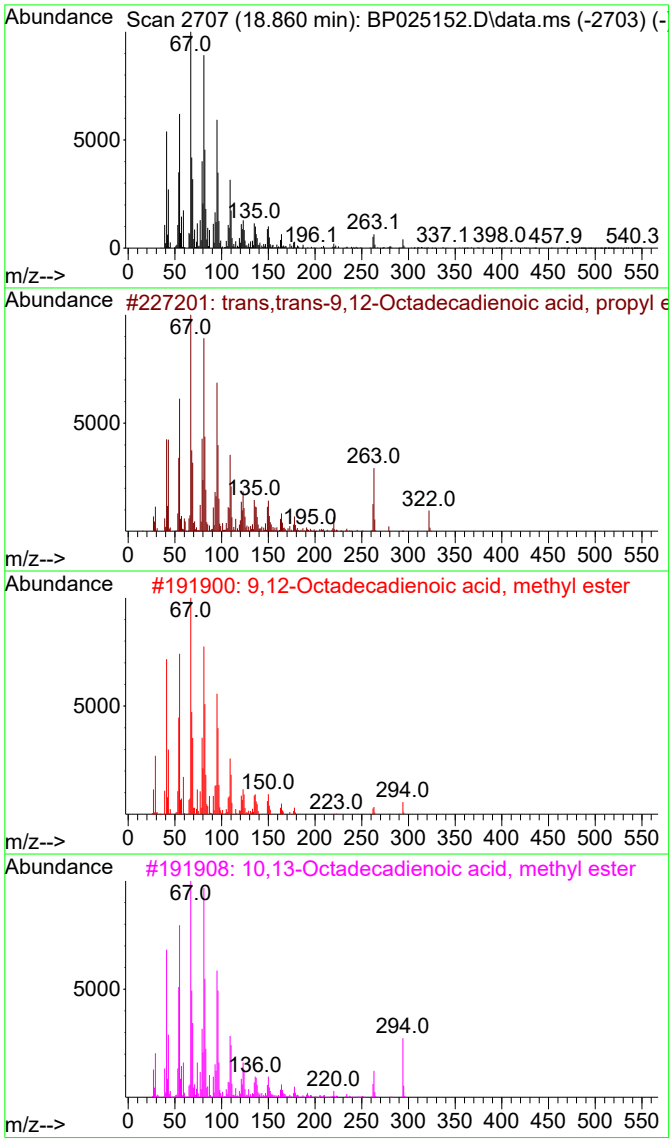
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

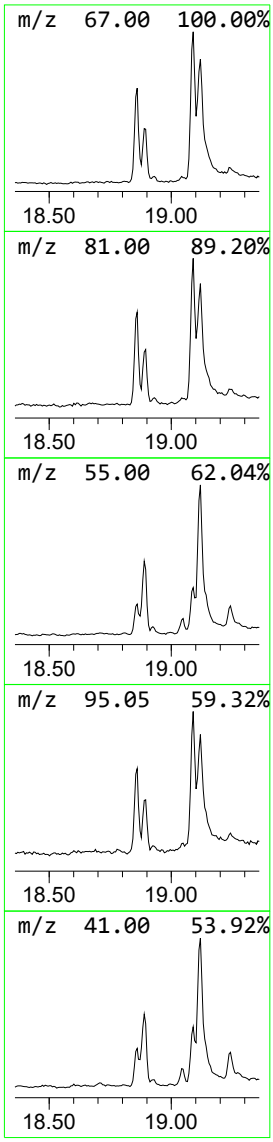
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 trans,trans-9,12-Octadecadi... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.860	4.36 ng	1786150	Phenanthrene-d10	16.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans,trans-9,12-Octadecadienoic...	322	C21H38O2	1000405-14-9	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025152.D
Acq On : 15 Jul 2025 19:25
Operator : CG/JU
Sample : Q2539-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HACKENSACK

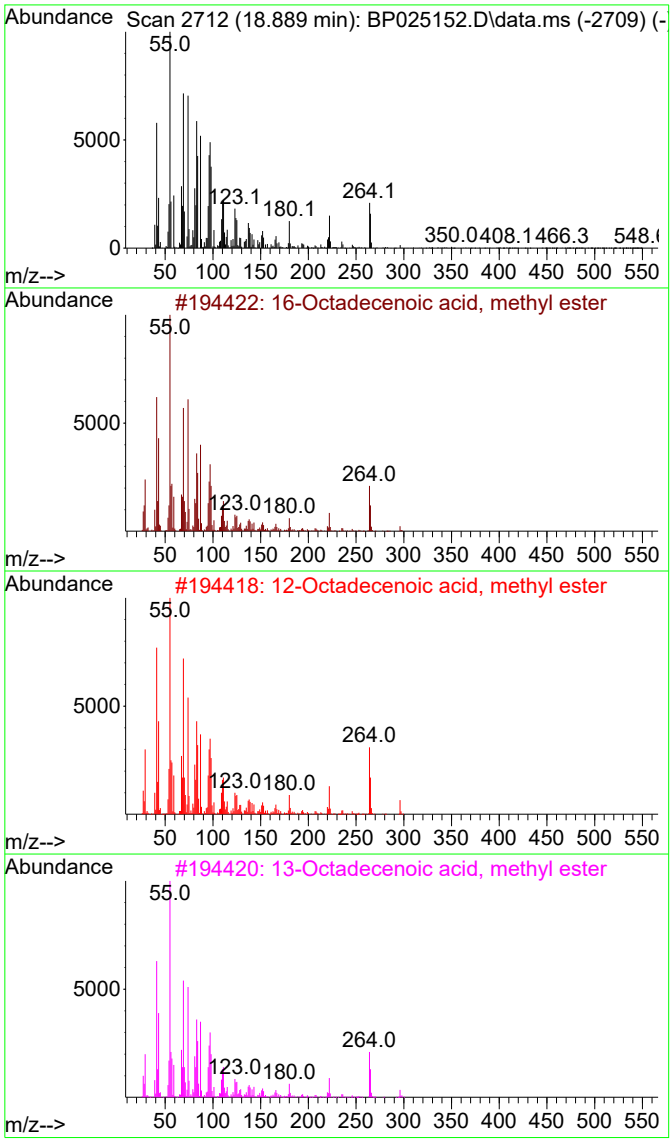
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

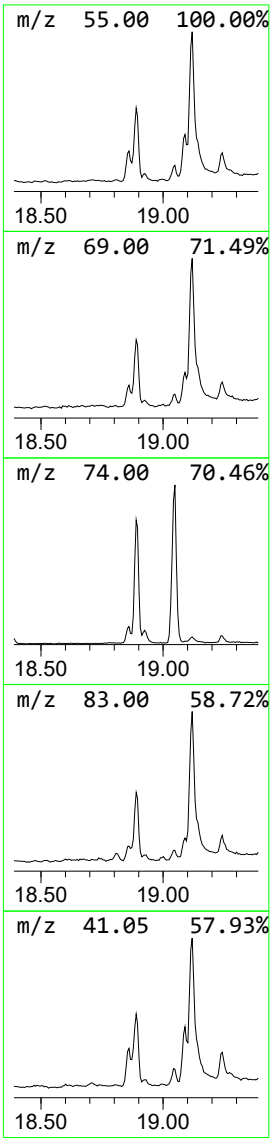
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 16-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.889	7.63 ng	3127490	Phenanthrene-d10	16.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
2	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025152.D
Acq On : 15 Jul 2025 19:25
Operator : CG/JU
Sample : Q2539-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HACKENSACK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

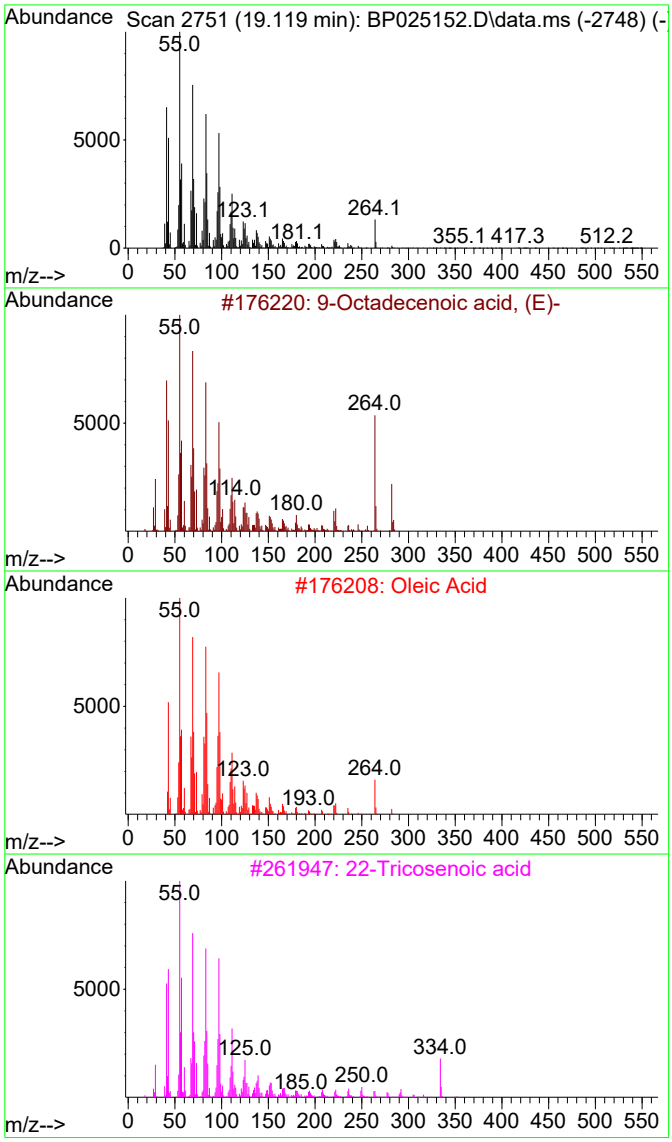
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

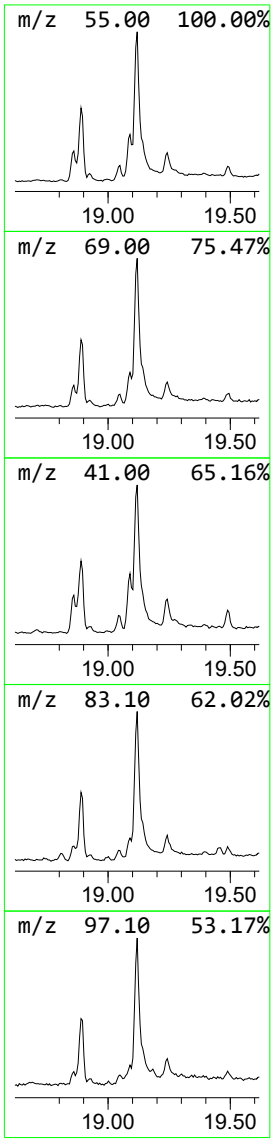
****

Peak Number 6 9-Octadecenoic acid, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.119	19.40 ng	7949020	Phenanthrene-d10	16.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	98
2	Oleic Acid	282	C18H34O2	000112-80-1	94
3	22-Tricosenoic acid	352	C23H44O2	065119-95-1	91
4	9-Octadecenoic acid	282	C18H34O2	002027-47-6	86
5	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025152.D
Acq On : 15 Jul 2025 19:25
Operator : CG/JU
Sample : Q2539-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HACKENSACK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

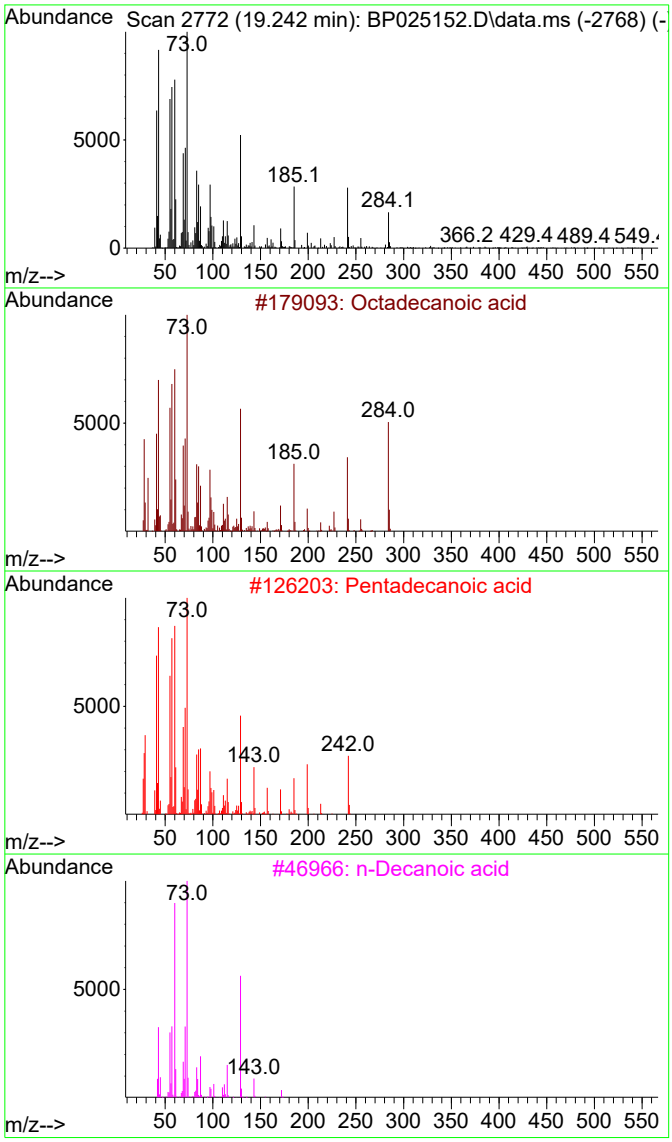
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

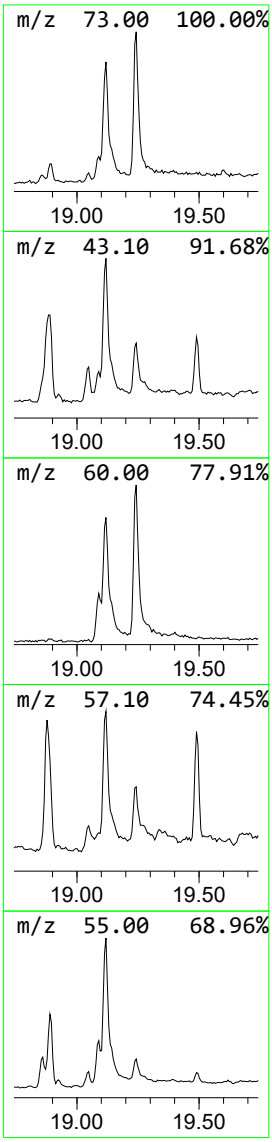
****

Peak Number 7 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.242	2.51 ng	1146880	Chrysene-d12	21.342

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	81
3	n-Decanoic acid	172	C10H20O2	000334-48-5	78
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025152.D
Acq On : 15 Jul 2025 19:25
Operator : CG/JU
Sample : Q2539-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HACKENSACK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.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
Nonadecane	17.490	2.4	ng	972169	4	16.919	8193000	20.0
Hexadecanoic ac...	17.666	3.2	ng	1314620	4	16.919	8193000	20.0
n-Hexadecanoic ...	17.895	6.9	ng	2816870	4	16.919	8193000	20.0
trans,trans-9,1...	18.860	4.4	ng	1786150	4	16.919	8193000	20.0
16-Octadecenoic...	18.889	7.6	ng	3127490	4	16.919	8193000	20.0
9-Octadecenoic ...	19.119	19.4	ng	7949020	4	16.919	8193000	20.0
Octadecanoic acid	19.242	2.5	ng	1146880	5	21.342	9138460	20.0