LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025804.D
Acq On : 19 Sep 2025 18:32
Operator : CG/JU
Sample : Q3133-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VNJ-222

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: BP025804.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.020	9	14	31	rVB	1232739	1822855	23.42%	2.831%
2	5.396	411	418	440	rBV	2302294	3792106	48.73%	5.890%
3	6.961	677	684	714	rBV	2053278	4087478	52.52%	6.349%
4	7.749	808	818	828	rBV	722253	1165320	14.97%	1.810%
5	8.896	1005	1013	1029	rBV	1447373	2543090	32.68%	3.950%
6	9.902	1167	1184	1201	rBV	574850	1805915	23.21%	2.805%
7	10.519	1283	1289	1304	rVB	861875	1538362	19.77%	2.390%
8	12.978	1700	1707	1722	rBV	3416641	5088864	65.39%	7.905%
9	13.325	1760	1766	1778	rVB2	73239	143477	1.84%	0.223%
10	14.025	1881	1885	1892	rBV2	55980	104693	1.35%	0.163%
11	14.096	1893	1897	1906	rVB	39540	85709	1.10%	0.133%
12	14.372	1938	1944	1949	rBV	1292160	1987733	25.54%	3.088%
13	14.419	1949	1952	1961	rVB2	134261	228902	2.94%	0.356%
14	15.037	2053	2057	2065	rVB3	42660	85387	1.10%	0.133%
15	15.395	2114	2118	2122	rBV	123705	163449	2.10%	0.254%
16	15.760	2174	2180	2186	rBV	542523	782887	10.06%	1.216%
17	15.890	2195	2202	2225	rBV	2736567	4423844	56.85%	6.872%
18	16.278	2264	2268	2273	rBV	137185	184863	2.38%	0.287%
19	16.331	2273	2277	2283	rVB	133818	198732	2.55%	0.309%
20	16.801	2352	2357	2364	rBV6	36354	88174	1.13%	0.137%
21	17.172	2411	2420	2425	rBV	1618020	2588080	33.26%	4.020%
22	17.213	2425	2427	2441	rVV	313208	558395	7.18%	0.867%
23	17.313	2441	2444	2449	rVB	55656	84051	1.08%	0.131%
24	17.884	2533	2541	2545	rBV2	229864	547403	7.03%	0.850%
25	17.978	2553	2557	2562	rBV2	69508	133639	1.72%	0.208%
26	18.025	2563	2565	2572	rVB	57237	83355	1.07%	0.129%
27	18.119	2574	2581	2588	rBV2	789378	1376089	17.68%	2.137%
28	18.284	2605	2609	2613	rVB3	66732	99565	1.28%	0.155%
29	18.419	2625	2632	2634	rBV	202706	322911	4.15%	0.502%
30	18.489	2641	2644	2645	rBV2	94726	105862	1.36%	0.164%
31	18.513	2645	2648	2650	rBV2	161769	195223	2.51%	0.303%
32	18.560	2652	2656	2658	rBV	320780	488965	6.28%	0.760%
33	18.813	2696	2699	2701	rBV	76069	82669	1.06%	0.128%
34	18.936	2717	2720	2722	rBV3	125233	154271	1.98%	0.240%
35	18.978	2722	2727	2731	rVV	375217	820738	10.55%	1.275%
36	19.019	2732	2734	2740	rVB2	231572	322677	4.15%	0.501%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025804.D
Acq On : 19 Sep 2025 18:32
Operator : CG/JU
Sample : Q3133-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-222

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	19.072	2740	2743	2745	rBV2	131781	184741	2.37%	0.287%
38	19.301	2776	2782	2789	rBV	756117	1493724	19.19%	2.320%
39	19.360	2789	2792	2797	rVV2	196711	328254	4.22%	0.510%
40	19.407	2797	2800	2803	rVV2	141971	246059	3.16%	0.382%
41	19.436	2803	2805	2813	rVB2	206484	404814	5.20%	0.629%
42	19.625	2834	2837	2839	rBV2	76119	93020	1.20%	0.144%
43	19.672	2839	2845	2856	rVB	612040	1187895	15.26%	1.845%
44	19.789	2861	2865	2873	rVV	955401	1303107	16.74%	2.024%
45	19.901	2878	2884	2891	rVV	5807881	7782229	100.00%	12.088%
46	19.960	2892	2894	2898	rVB2	155771	183573	2.36%	0.285%
47	20.201	2930	2935	2936	rBV2	259192	364083	4.68%	0.566%
48	20.219	2936	2938	2942	rVV2	165723	297896	3.83%	0.463%
49	20.366	2959	2963	2968	rVB	1524303	1921428	24.69%	2.985%
50	20.907	3051	3055	3066	rVB	1236011	1593512	20.48%	2.475%
51	21.283	3115	3119	3125	rBV4	272323	508139	6.53%	0.789%
52	21.483	3148	3153	3158	rBV	900602	1309284	16.82%	2.034%
53	21.607	3167	3174	3180	rBV2	1658915	3318936	42.65%	5.155%
54	22.895	3389	3393	3405	rVB	237081	504139	6.48%	0.783%
55	23.919	3562	3567	3573	rBV	167932	399209	5.13%	0.620%
56	24.977	3738	3747	3757	rVB	997060	2669295	34.30%	4.146%

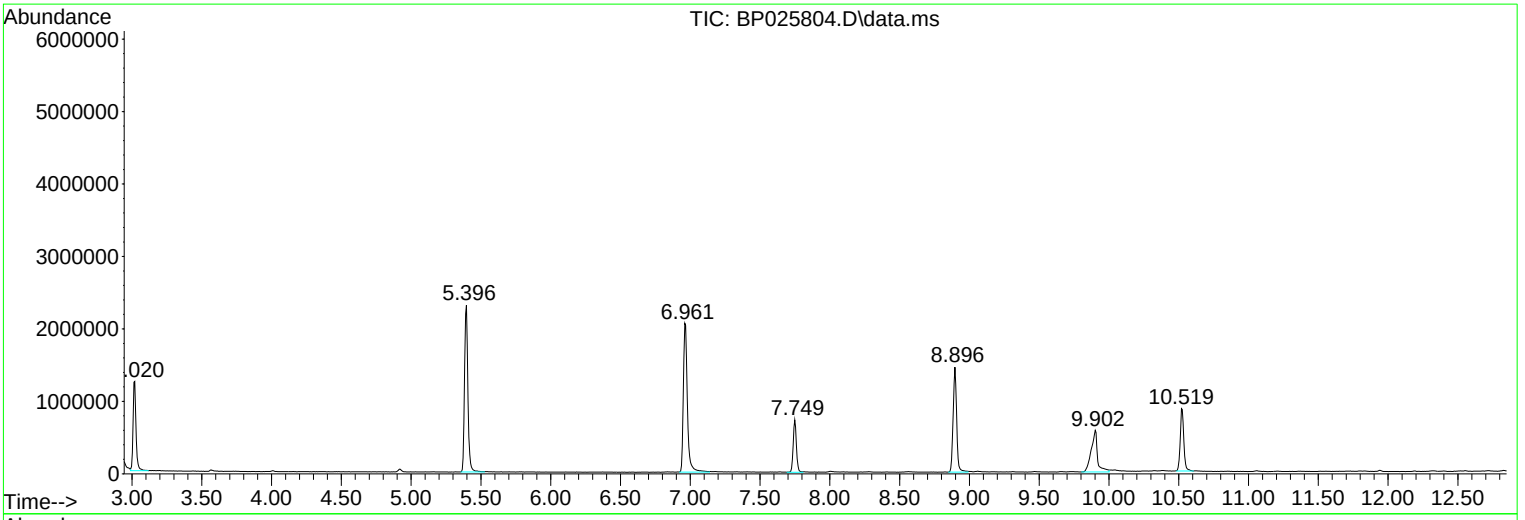
Sum of corrected areas: 64379070

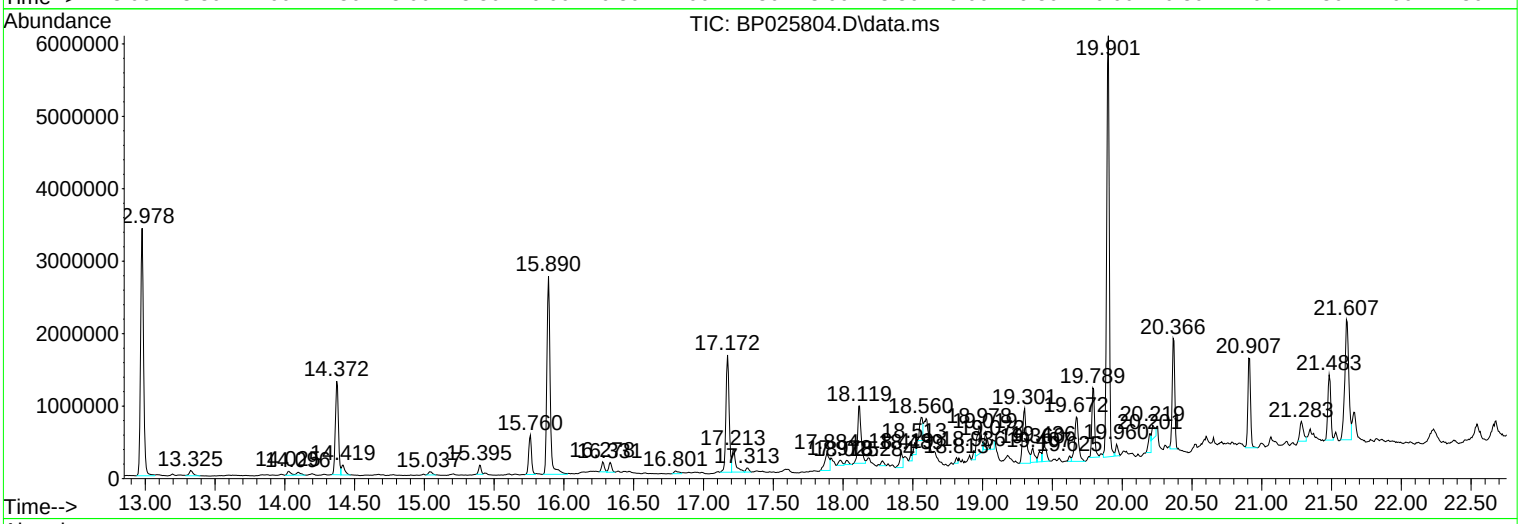
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025804.D
Acq On : 19 Sep 2025 18:32
Operator : CG/JU
Sample : Q3133-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

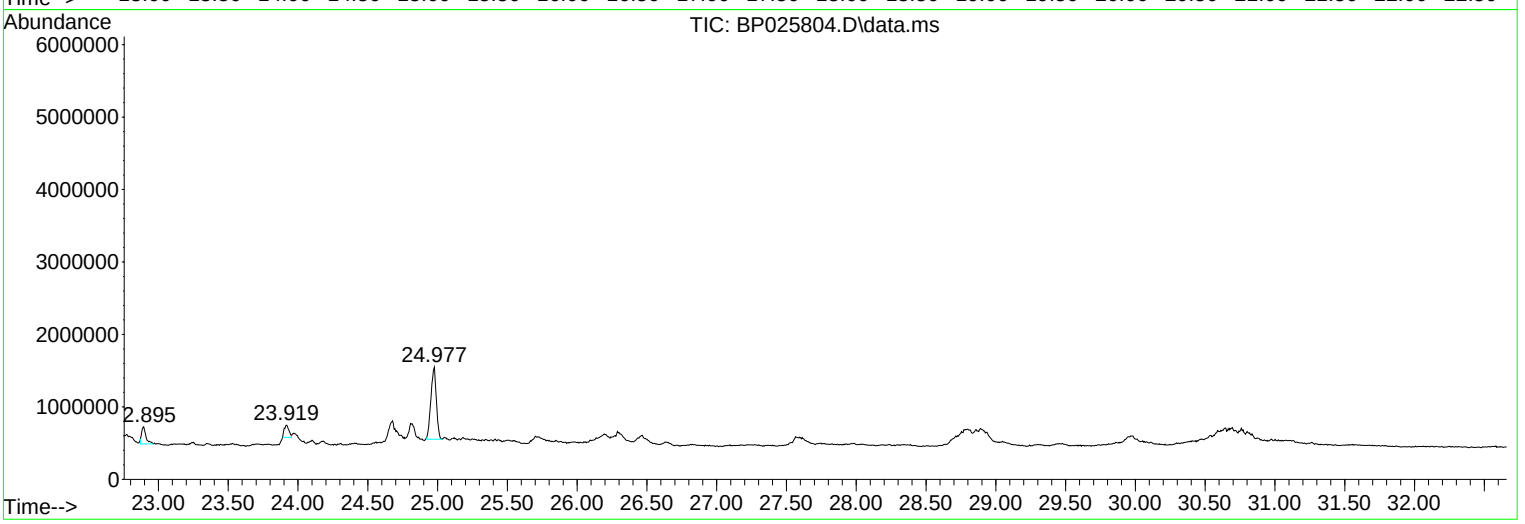
Instrument :
BNA_P
ClientSampleId :
VNJ-222

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\BP091925\
Data File : BP025804.D
Acq On : 19 Sep 2025 18:32
Operator : CG/JU
Sample : Q3133-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-222

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

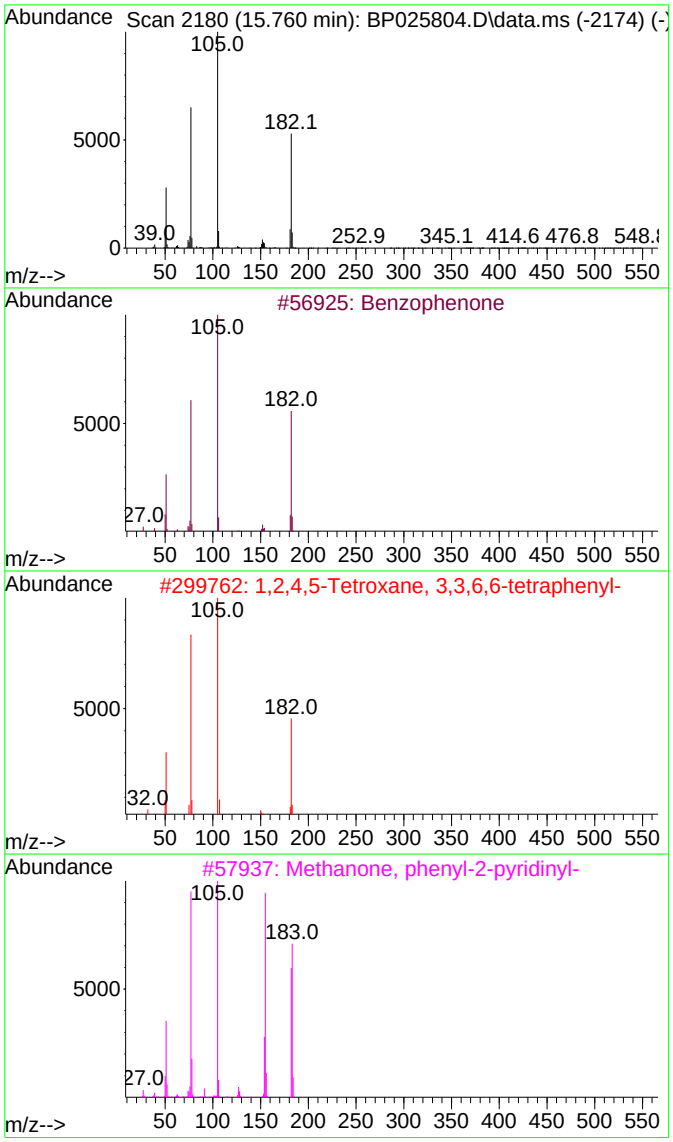
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

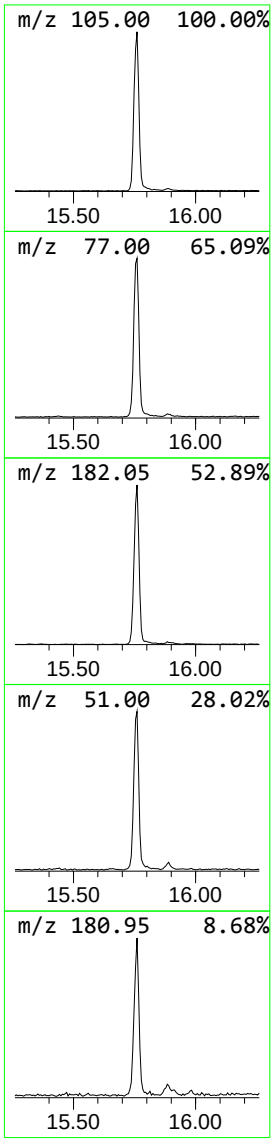
****

Peak Number 2 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.760	7.88 ng	782887	Acenaphthene-d10	14.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
4	Azobenzene	182	C12H10N2	000103-33-3	45
5	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025804.D
Acq On : 19 Sep 2025 18:32
Operator : CG/JU
Sample : Q3133-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-222

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

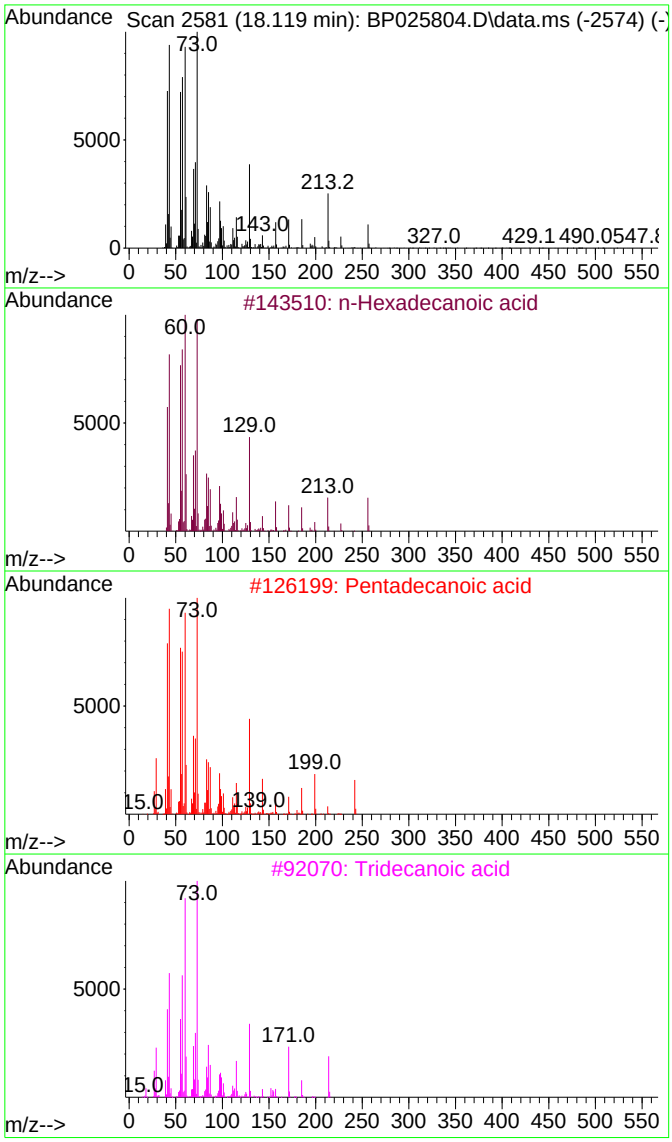
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

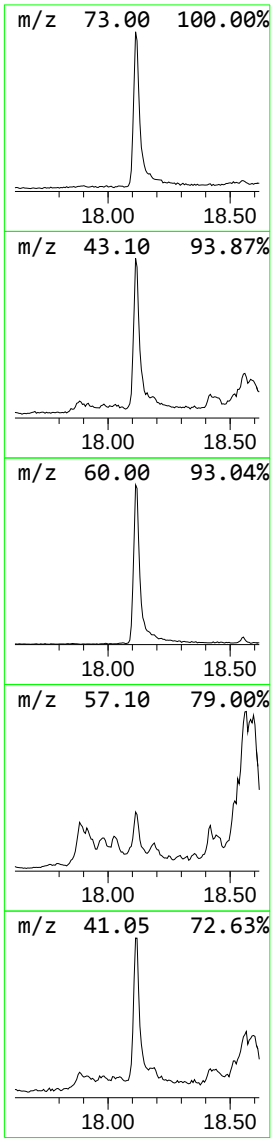
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.119	10.63 ng	1376090	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	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025804.D
Acq On : 19 Sep 2025 18:32
Operator : CG/JU
Sample : Q3133-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-222

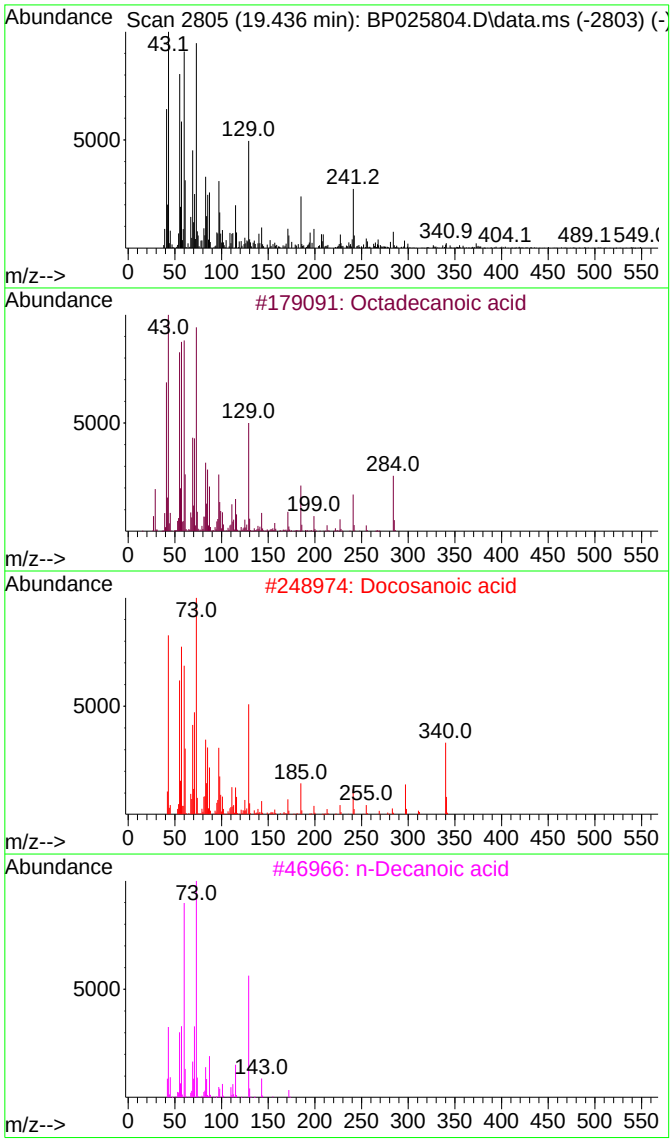
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

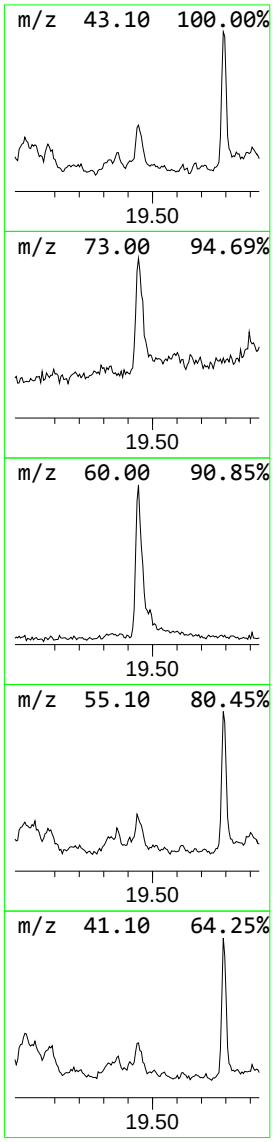
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.436	2.44 ng	404814	Chrysene-d12	21.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	90
2	Docosanoic acid	340	C22H44O2	000112-85-6	72
3	n-Decanoic acid	172	C10H20O2	000334-48-5	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025804.D
Acq On : 19 Sep 2025 18:32
Operator : CG/JU
Sample : Q3133-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-222

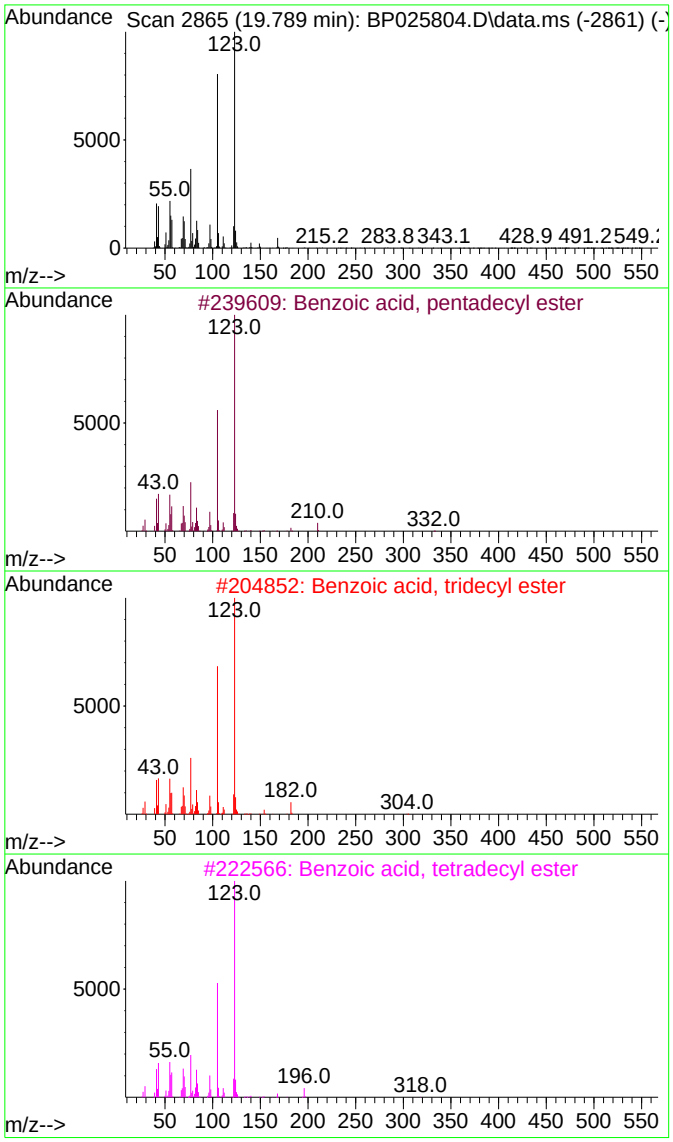
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

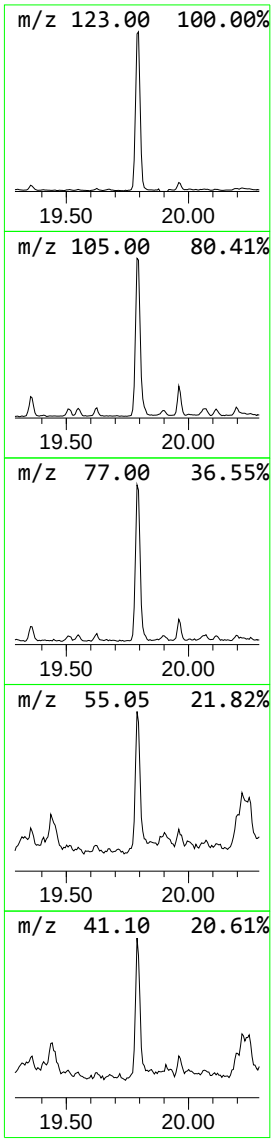
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzoic acid, pentadecyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.789	7.85 ng	1303110	Chrysene-d12	21.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, pentadecyl ester	332	C22H36O2	1000340-22-8	91
2	Benzoic acid, tridecyl ester	304	C20H32O2	1010340-22-6	91
3	Benzoic acid, tetradecyl ester	318	C21H34O2	1000340-22-7	87
4	Benzoic acid, hexadecyl ester	346	C23H38O2	1000340-22-9	83
5	Benzoic acid, undecyl ester	276	C18H28O2	006316-30-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025804.D
Acq On : 19 Sep 2025 18:32
Operator : CG/JU
Sample : Q3133-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-222

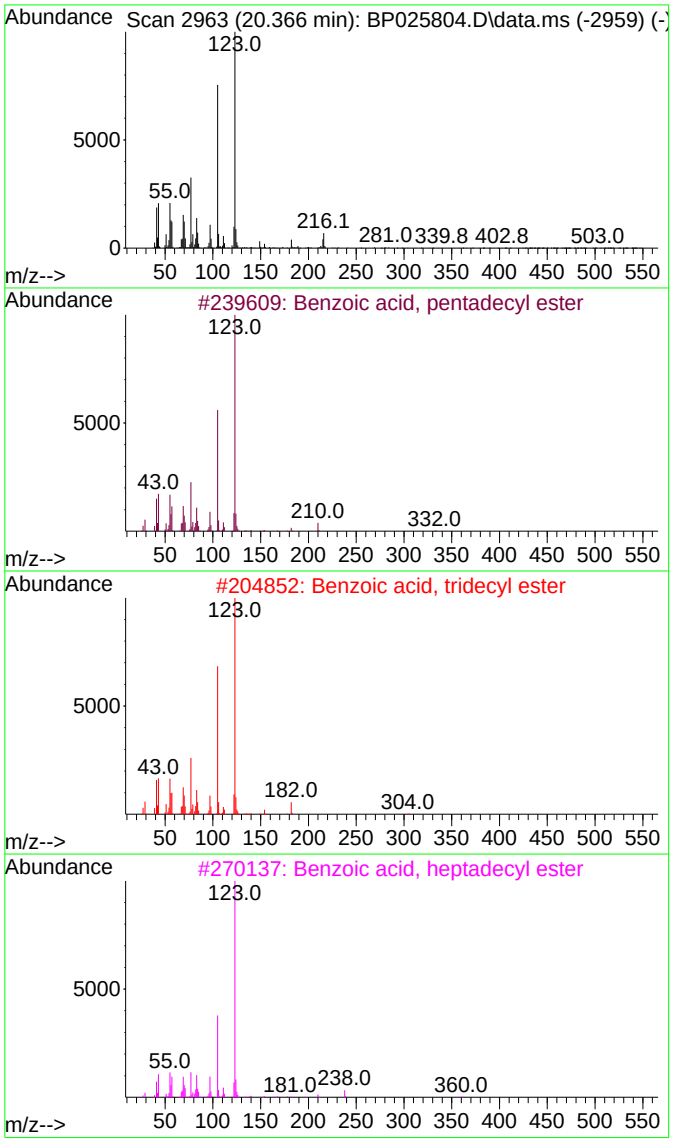
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

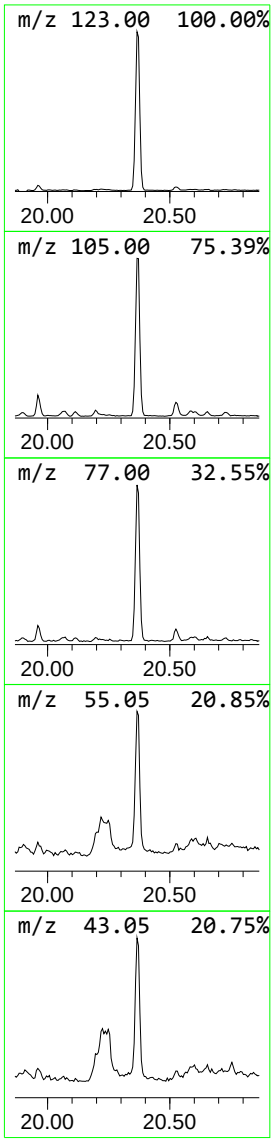
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzoic acid, tridecyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.366	11.58 ng	1921430	Chrysene-d12	21.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, pentadecyl ester	332	C22H36O2	1000340-22-8	90
2	Benzoic acid, tridecyl ester	304	C20H32O2	1010340-22-6	90
3	Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	83
4	Benzoic acid, undecyl ester	276	C18H28O2	006316-30-9	78
5	Benzoic acid, nonadecyl ester	388	C26H44O2	1000340-23-2	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025804.D
Acq On : 19 Sep 2025 18:32
Operator : CG/JU
Sample : Q3133-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-222

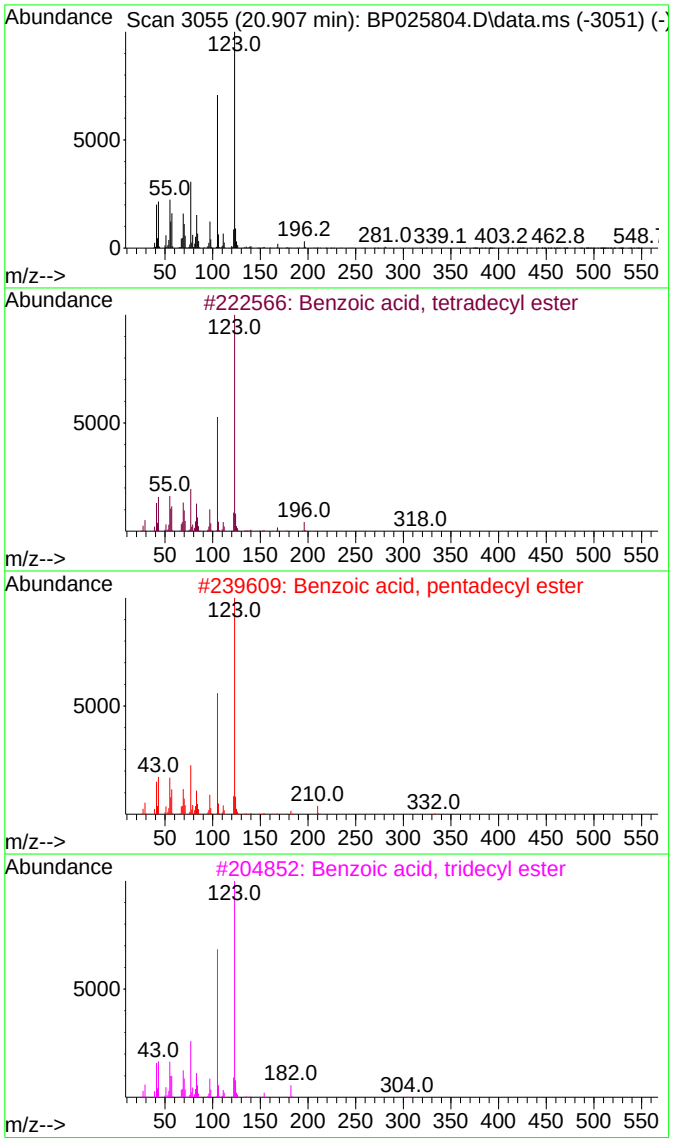
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

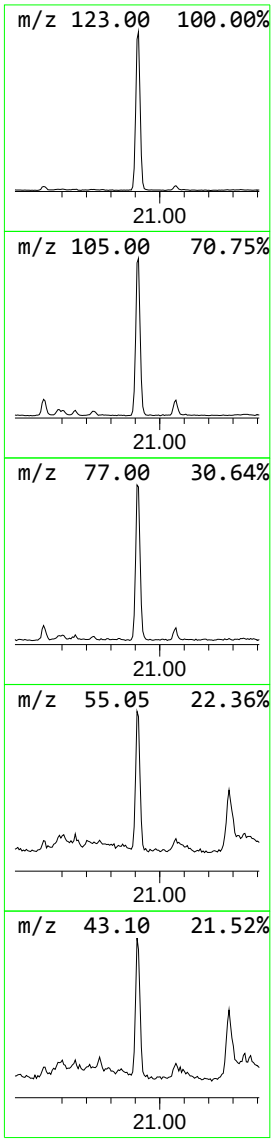
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzoic acid, tetradecyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.907	9.60 ng	1593510	Chrysene-d12	21.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, tetradecyl ester	318	C21H34O2	1000340-22-7	97
2	Benzoic acid, pentadecyl ester	332	C22H36O2	1000340-22-8	91
3	Benzoic acid, tridecyl ester	304	C20H32O2	1010340-22-6	91
4	Benzoic acid, hexadecyl ester	346	C23H38O2	1000340-22-9	90
5	Benzoic acid, octadecyl ester	374	C25H42O2	010578-34-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025804.D
Acq On : 19 Sep 2025 18:32
Operator : CG/JU
Sample : Q3133-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-222

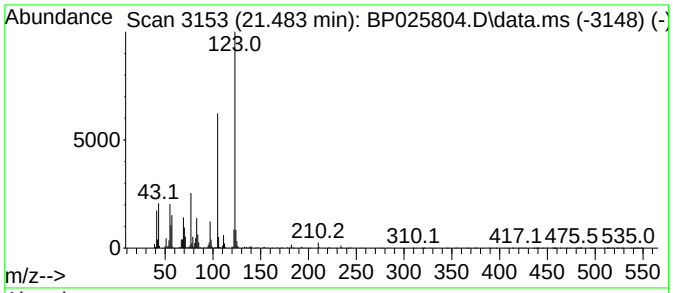
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

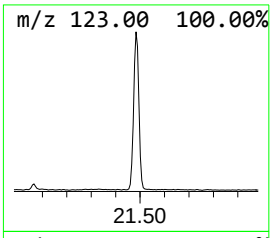
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

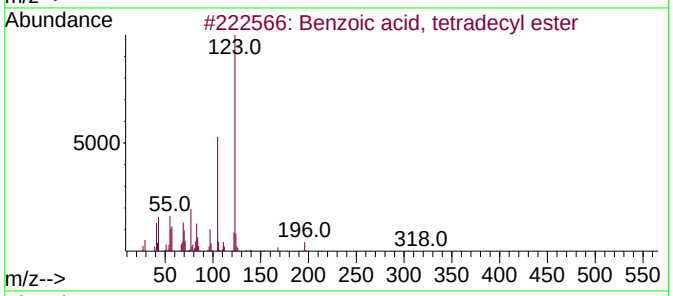
****
Peak Number 16 Benzoic acid, hexadecyl ester Concentration Rank 5

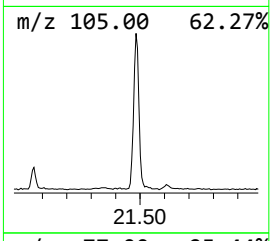
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.483	7.89 ng	1309280	Chrysene-d12	21.613

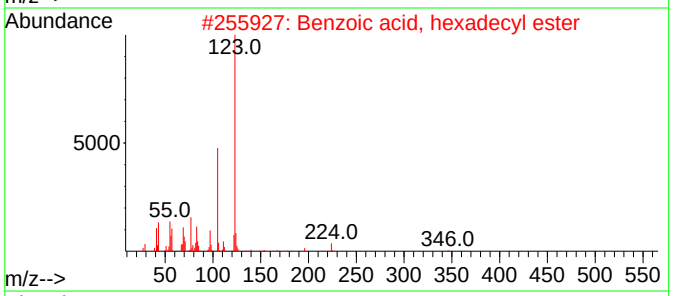
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, tetradecyl ester	318	C21H34O2	1000340-22-7	91
2	Benzoic acid, hexadecyl ester	346	C23H38O2	1000340-22-9	91
3	Benzoic acid, pentadecyl ester	332	C22H36O2	1000340-22-8	91
4	Benzoic acid, tridecyl ester	304	C20H32O2	1010340-22-6	91
5	Benzoic acid, octadecyl ester	374	C25H42O2	010578-34-4	91

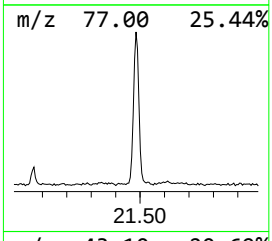


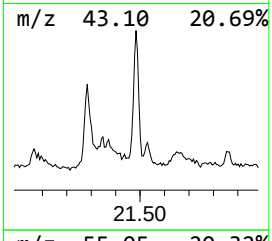


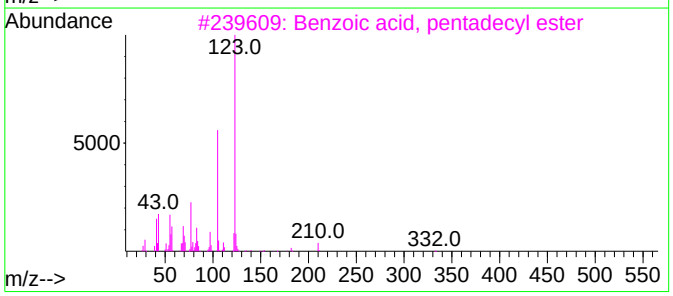


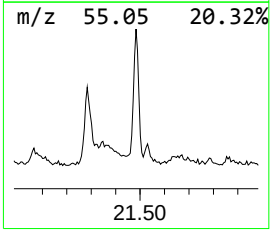












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025804.D
Acq On : 19 Sep 2025 18:32
Operator : CG/JU
Sample : Q3133-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-222

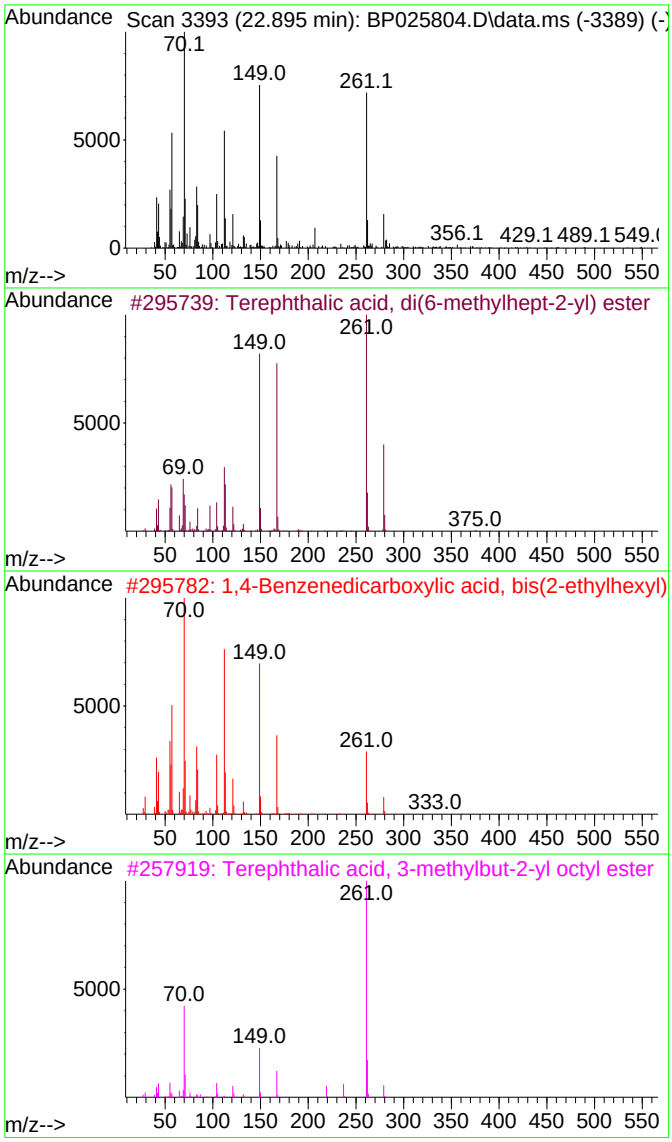
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

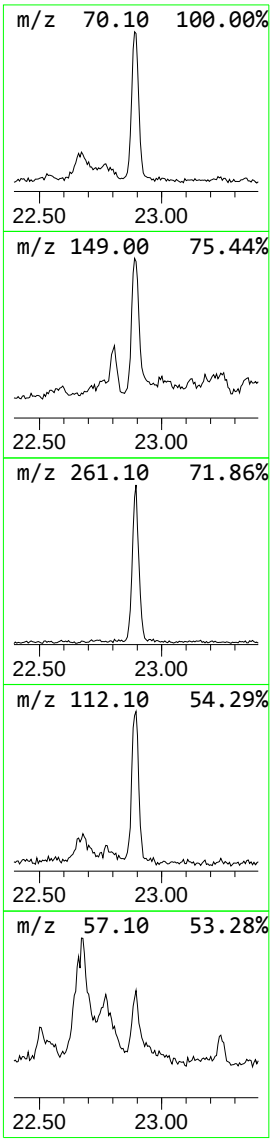
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Terephthalic acid, di(6-met... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.895	3.04 ng	504139	Chrysene-d12	21.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Terephthalic acid, di(6-methylhe...	390	C24H38O4	1000416-00-0	86
2	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	70
3	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	64
4	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	58
5	Carbonic acid, bis(2-ethylhexyl)...	286	C17H34O3	014858-73-2	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025804.D
Acq On : 19 Sep 2025 18:32
Operator : CG/JU
Sample : Q3133-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-222

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	15.760	7.9	ng	782887	3	14.372	1987730	20.0
n-Hexadecanoic ...	18.119	10.6	ng	1376090	4	17.172	2588080	20.0
Octadecanoic acid	19.436	2.4	ng	404814	5	21.613	3318940	20.0
Benzoic acid, p...	19.789	7.8	ng	1303110	5	21.613	3318940	20.0
Benzoic acid, t...	20.366	11.6	ng	1921430	5	21.613	3318940	20.0
Benzoic acid, t...	20.907	9.6	ng	1593510	5	21.613	3318940	20.0
Benzoic acid, h...	21.483	7.9	ng	1309280	5	21.613	3318940	20.0
Terephthalic ac...	22.895	3.0	ng	504139	5	21.613	3318940	20.0