LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092225\
Data File : BP025815.D
Acq On : 22 Sep 2025 16:27
Operator : CG/JU
Sample : Q3133-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VNJ-238

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: BP025815.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.014	9	13	20	rBV	1200887	1343989	26.31%	2.336%
2	5.390	411	417	435	rBV	1616936	2486383	48.68%	4.321%
3	6.961	677	684	702	rBV	1276552	2487999	48.71%	4.324%
4	7.749	812	818	828	rVB	619390	1015957	19.89%	1.766%
5	8.896	1004	1013	1029	rBV	903300	1667615	32.65%	2.898%
6	10.519	1281	1289	1304	rBV	762838	1414107	27.69%	2.458%
7	12.978	1700	1707	1727	rBV	2088081	3628084	71.04%	6.306%
8	14.096	1892	1897	1907	rVB	53195	91437	1.79%	0.159%
9	14.378	1938	1945	1952	rBV	1129588	1820928	35.65%	3.165%
10	14.443	1952	1956	1964	rVB	55462	92956	1.82%	0.162%
11	15.442	2121	2126	2135	rBV	48582	94431	1.85%	0.164%
12	15.760	2174	2180	2186	rBV	327931	505473	9.90%	0.879%
13	15.895	2197	2203	2223	rVB	1921453	2926986	57.31%	5.087%
14	16.137	2239	2244	2250	rBV6	34831	78747	1.54%	0.137%
15	16.331	2272	2277	2284	rVB	79623	124311	2.43%	0.216%
16	16.989	2385	2389	2397	rVB	54918	89381	1.75%	0.155%
17	17.095	2401	2407	2414	rBV	107691	183388	3.59%	0.319%
18	17.172	2414	2420	2424	rBV	1544726	2209738	43.27%	3.841%
19	17.219	2424	2428	2437	rVV	837326	1442811	28.25%	2.508%
20	17.319	2440	2445	2450	rVV	182720	311023	6.09%	0.541%
21	17.372	2450	2454	2461	rVB6	57882	111092	2.18%	0.193%
22	17.572	2483	2488	2492	rBV	305307	440565	8.63%	0.766%
23	18.084	2571	2575	2576	rBV	85205	109851	2.15%	0.191%
24	18.113	2576	2580	2594	rVB2	748934	1389945	27.21%	2.416%
25	18.284	2603	2609	2613	rBV2	264026	492095	9.63%	0.855%
26	18.595	2659	2662	2667	rBV	68541	133471	2.61%	0.232%
27	18.648	2667	2671	2680	rVB3	143457	294801	5.77%	0.512%
28	18.907	2711	2715	2718	rBV2	75070	131665	2.58%	0.229%
29	19.031	2734	2736	2741	rVB	71600	87893	1.72%	0.153%
30	19.301	2777	2782	2790	rBV	2655019	3682198	72.10%	6.400%
31	19.436	2803	2805	2809	rVB2	147669	145009	2.84%	0.252%
32	19.683	2842	2847	2853	rVB	2249132	3049250	59.70%	5.300%
33	19.730	2853	2855	2857	rBV3	119185	92605	1.81%	0.161%
34	19.895	2878	2883	2889	rVB	3595513	5107373	100.00%	8.877%
35	20.366	2961	2963	2969	rVB	150618	227905	4.46%	0.396%
36	20.472	2979	2981	2984	rBV3	160753	143508	2.81%	0.249%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092225\
Data File : BP025815.D
Acq On : 22 Sep 2025 16:27
Operator : CG/JU
Sample : Q3133-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-238

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	20.554	2993	2995	3000	rVB2	279067	361682	7.08%	0.629%
38	21.277	3115	3118	3124	rVB3	426490	704207	13.79%	1.224%
39	21.619	3169	3176	3181	rBV2	1860066	4425569	86.65%	7.692%
40	21.666	3181	3184	3190	rVB	929346	1443512	28.26%	2.509%
41	22.901	3388	3394	3408	rVB	2155373	4364124	85.45%	7.585%
42	23.930	3562	3569	3576	rBV	794112	2693482	52.74%	4.681%
43	24.830	3718	3722	3731	rVB	678453	1490328	29.18%	2.590%
44	24.983	3741	3748	3756	rBV2	935191	2399119	46.97%	4.170%

Sum of corrected areas: 57536993

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092225\
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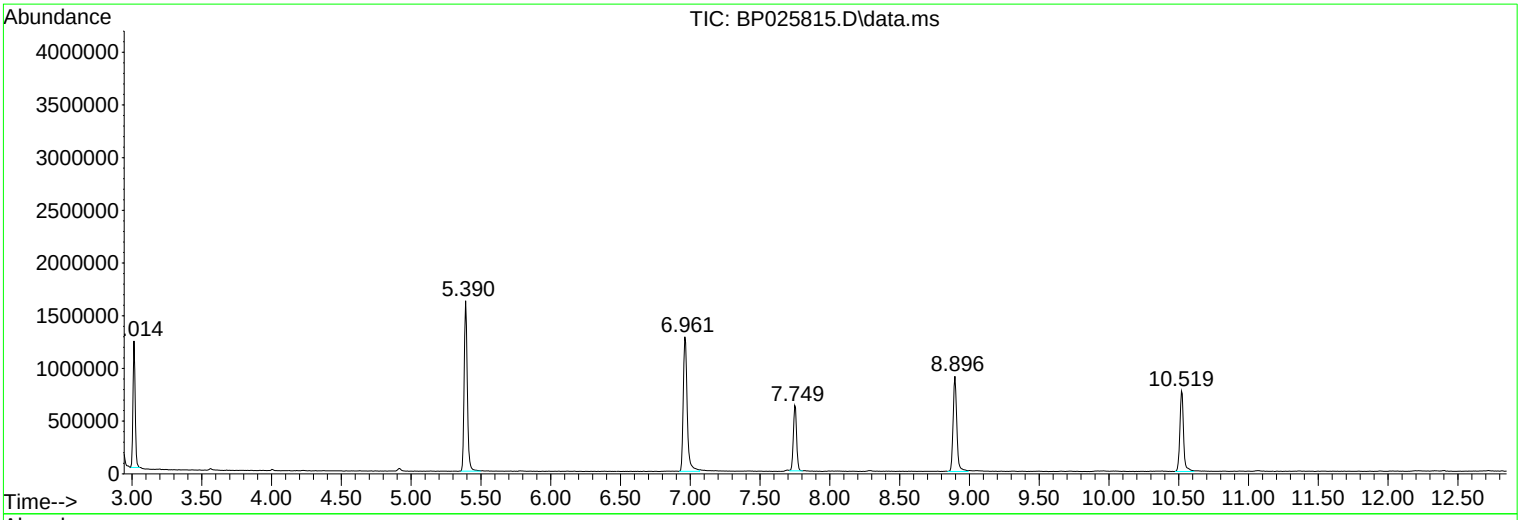
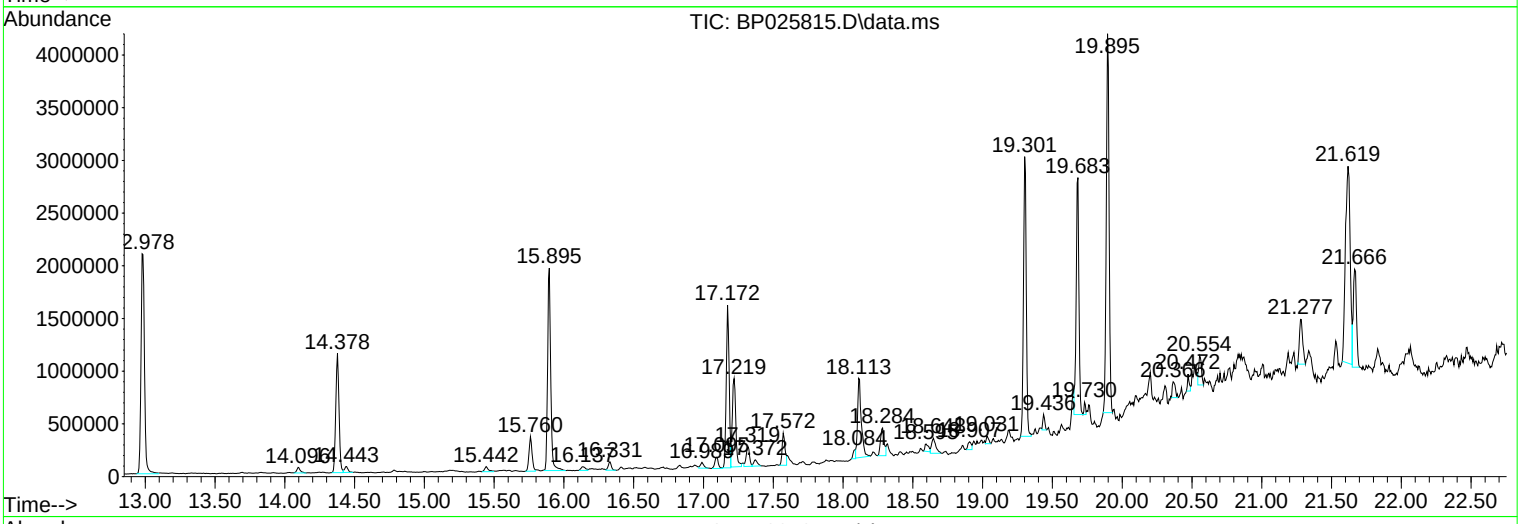
Sample : Q3133-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

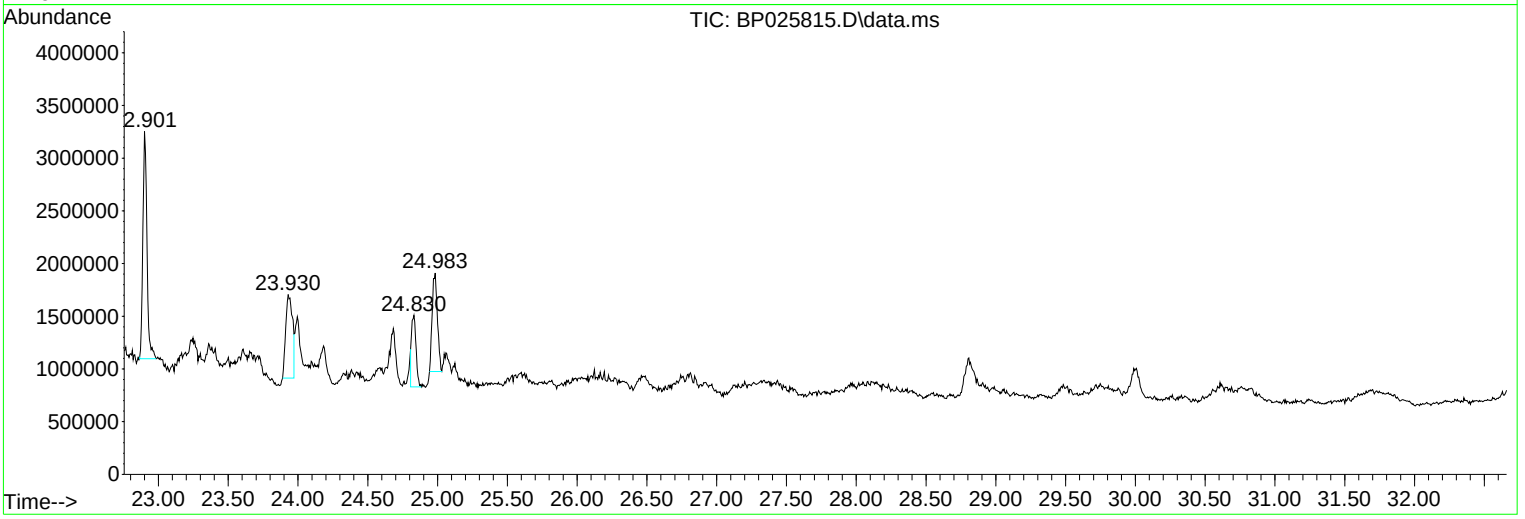
Instrument :
BNA_P
ClientSampleId :
VNJ-238

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\BP092225\
Data File : BP025815.D
Acq On : 22 Sep 2025 16:27
Operator : CG/JU
Sample : Q3133-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-238

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

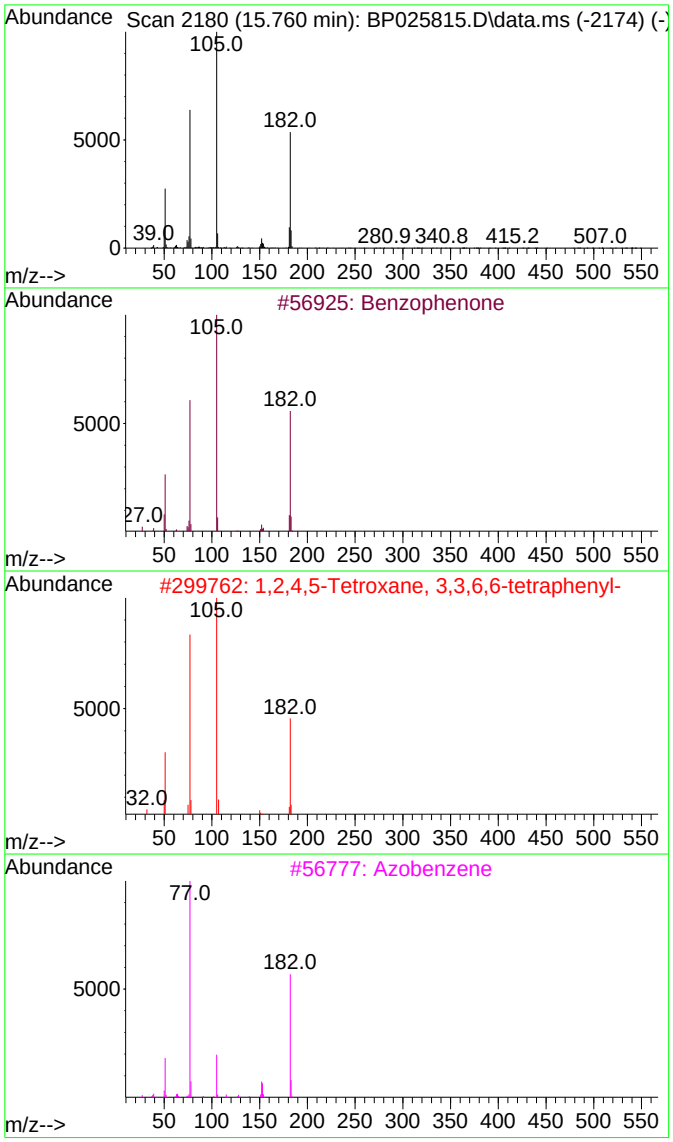
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

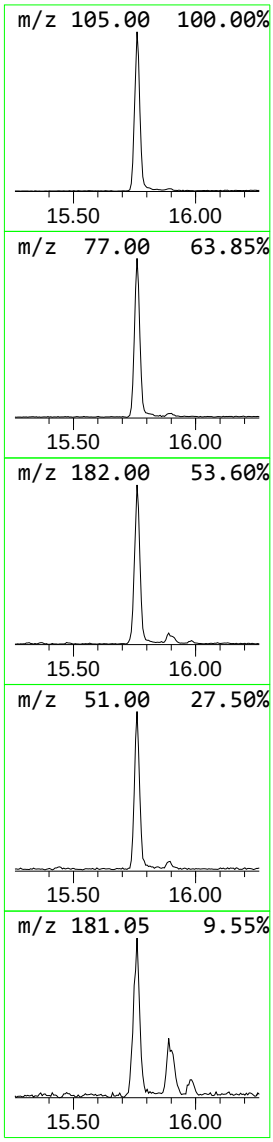
****

Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.760	5.55 ng	505473	Acenaphthene-d10	14.378

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	Azobenzene	182	C12H10N2	000103-33-3	53
4	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092225\
Data File : BP025815.D
Acq On : 22 Sep 2025 16:27
Operator : CG/JU
Sample : Q3133-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-238

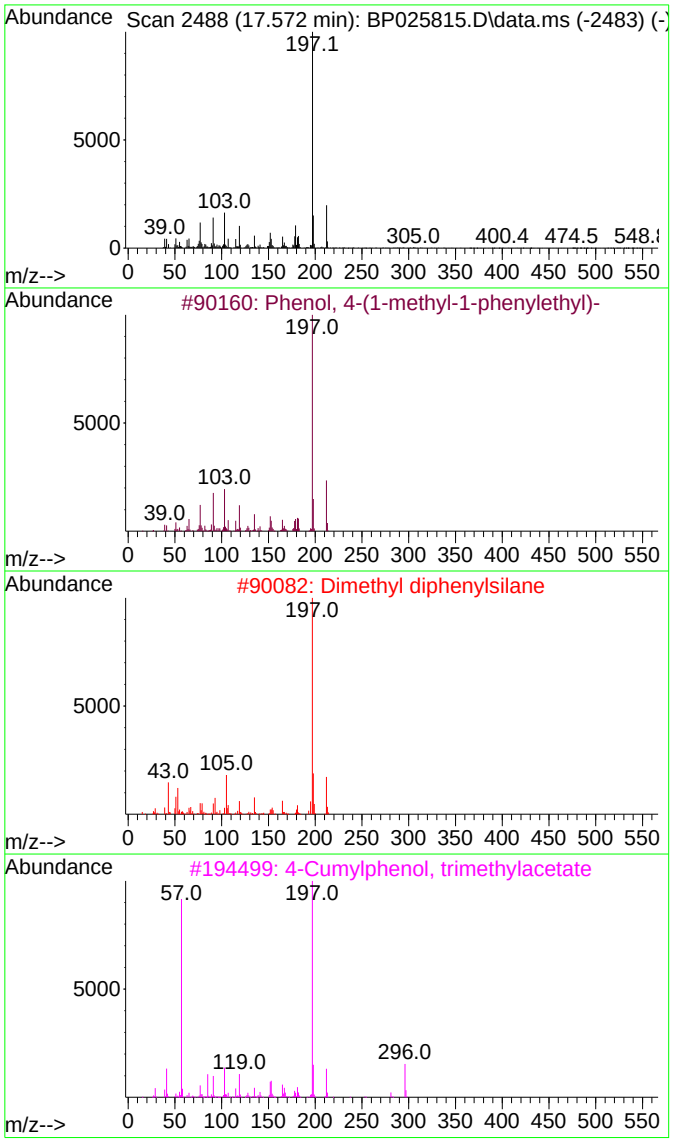
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

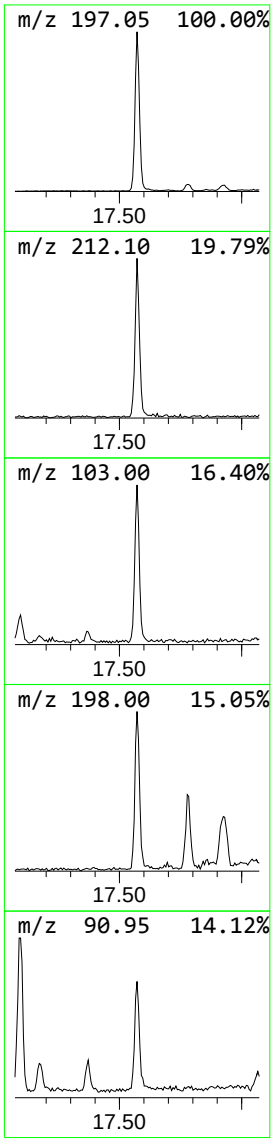
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenol, 4-(1-methyl-1-pheny... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.572	3.99 ng	440565	Phenanthrene-d10	17.172

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1-methyl-1-phenylethyl)-	212	C15H16O	000599-64-4	98
2	Dimethyl diphenylsilane	212	C14H16Si	000778-24-5	64
3	4-Cumylphenol, trimethylacetate	296	C20H24O2	1000462-39-1	64
4	2,3-Dimethyl-4-biphenylamine	197	C14H15N	022750-87-4	58
5	Benzo[d,E]isocoumarin, 3,3-dimet...	212	C14H12O2	005723-17-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092225\
Data File : BP025815.D
Acq On : 22 Sep 2025 16:27
Operator : CG/JU
Sample : Q3133-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-238

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

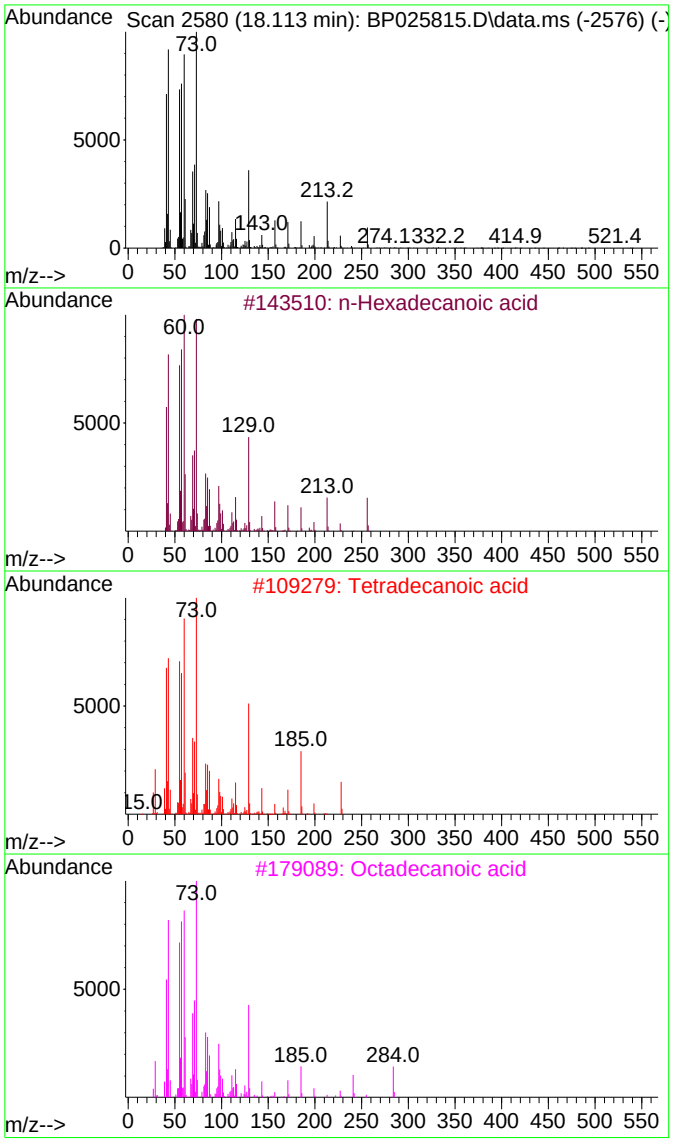
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

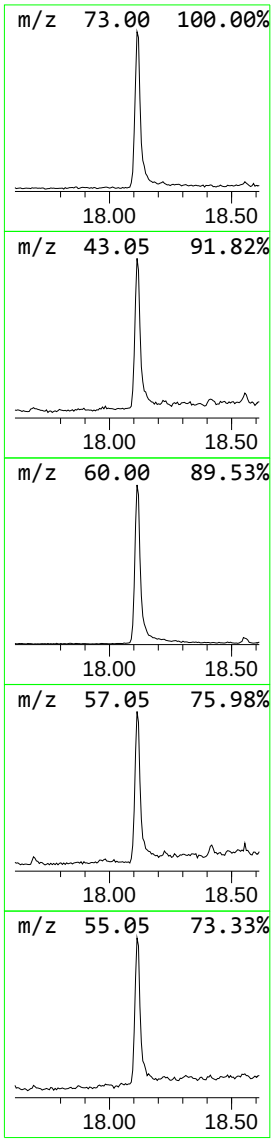
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.113	12.58 ng	1389950	Phenanthrene-d10	17.172

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	91
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092225\
Data File : BP025815.D
Acq On : 22 Sep 2025 16:27
Operator : CG/JU
Sample : Q3133-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-238

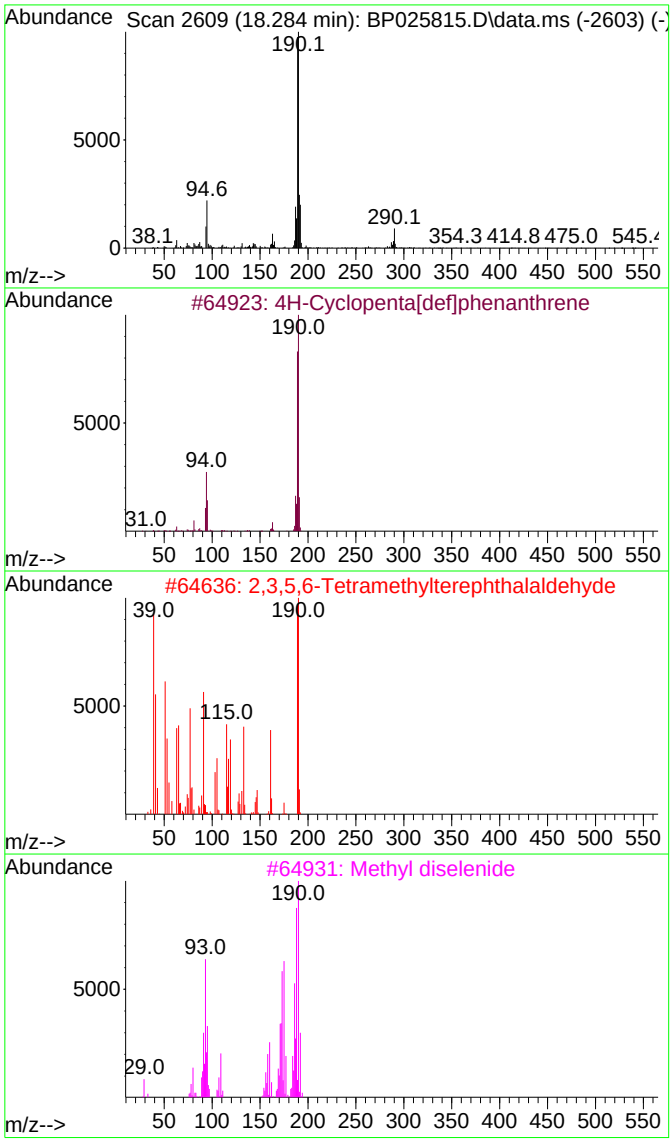
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

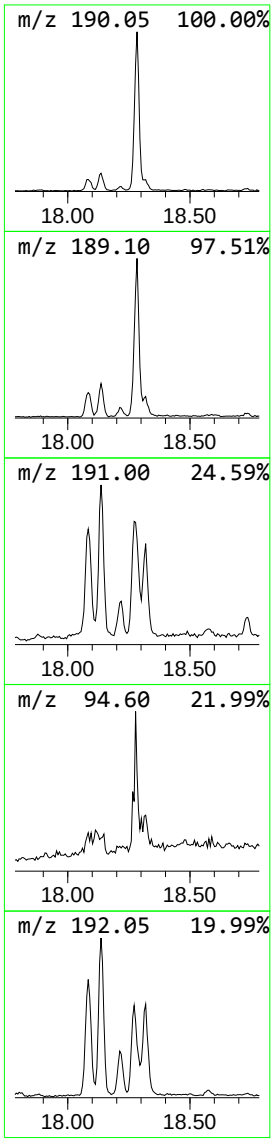
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.284	4.45 ng	492095	Phenanthrene-d10	17.172

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	49
3	Methyl diselenide	190	C2H6Se2	007101-31-7	43
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





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Data File : BP025815.D
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Sample : Q3133-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-238

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

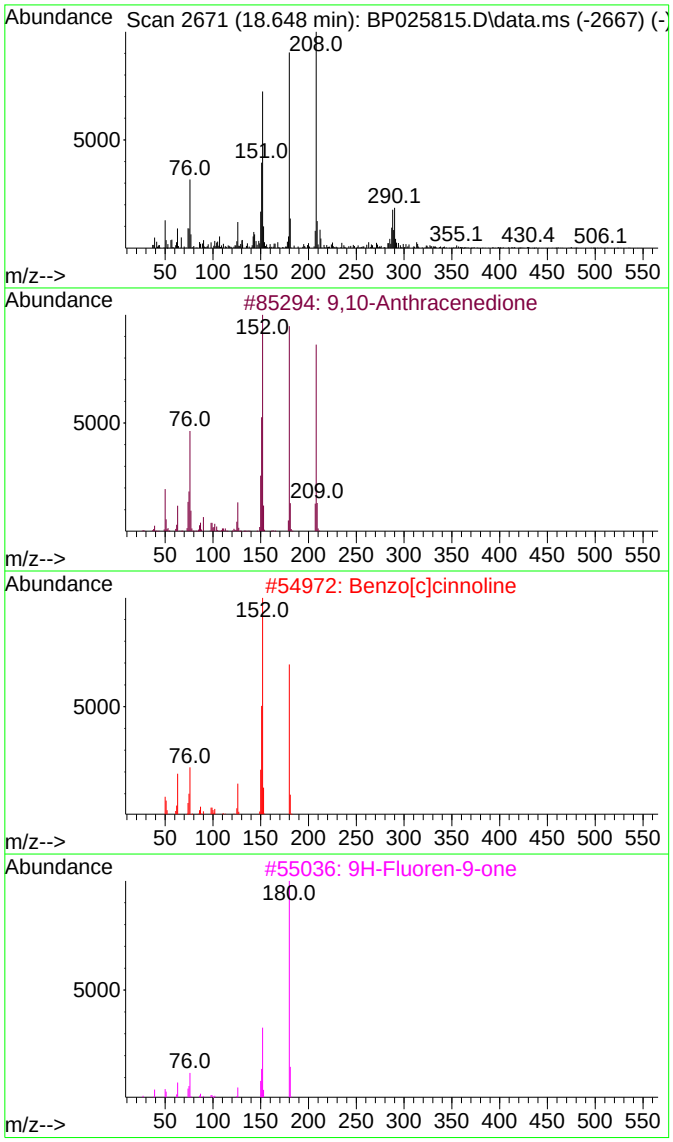
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

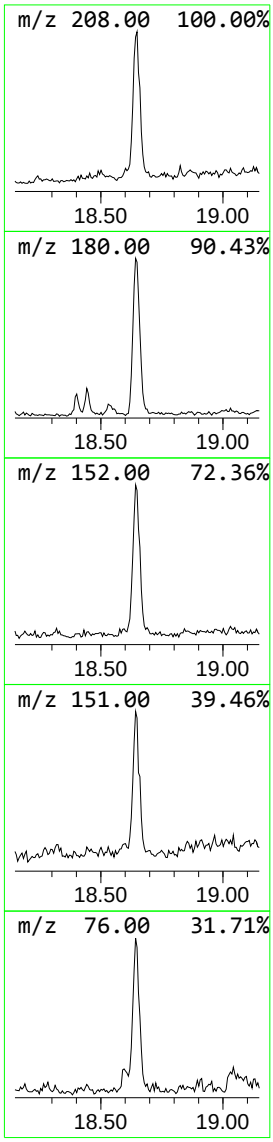
****

Peak Number 6 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.648	2.67 ng	294801	Phenanthrene-d10	17.172

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	50
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50
5	Diphenic anhydride	224	C14H8O3	006050-13-1	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092225\
Data File : BP025815.D
Acq On : 22 Sep 2025 16:27
Operator : CG/JU
Sample : Q3133-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-238

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	5.5	ng	505473	3	14.378	1820930	20.0
Phenol, 4-(1-me...	17.572	4.0	ng	440565	4	17.172	2209740	20.0
n-Hexadecanoic ...	18.113	12.6	ng	1389950	4	17.172	2209740	20.0
4H-Cyclopenta[d...	18.284	4.5	ng	492095	4	17.172	2209740	20.0
9,10-Anthracene...	18.648	2.7	ng	294801	4	17.172	2209740	20.0