LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010522\
Data File : BP008696.D
Acq On : 05 Jan 2022 18:35
Operator : CG/JU
Sample : M5342-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-10-(0-2)

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-BP122821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008696.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.464	414	421	429	rBV	5896584	8692553	16.52%	4.572%
2	7.052	683	691	709	rBV	4801652	8216136	15.61%	4.321%
3	7.881	825	832	841	rBV	1544019	2429932	4.62%	1.278%
4	9.040	1012	1029	1038	rBV	3374699	5702966	10.84%	2.999%
5	10.681	1300	1308	1314	rBV	1819028	3114368	5.92%	1.638%
6	13.140	1719	1726	1753	rBV	7697633	12484018	23.72%	6.566%
7	14.516	1951	1960	1966	rBV	2022684	3380583	6.42%	1.778%
8	16.004	2206	2213	2237	rBV	5897176	9177655	17.44%	4.827%
9	17.263	2421	2427	2431	rBV	2831032	4313309	8.19%	2.269%
10	17.310	2431	2435	2441	rVV	2529708	3692305	7.02%	1.942%
11	17.398	2445	2450	2456	rVB	714824	1061535	2.02%	0.558%
12	18.163	2577	2580	2581	rBV	531008	553347	1.05%	0.291%
13	18.322	2601	2607	2611	rVV3	646235	1192402	2.27%	0.627%
14	18.616	2652	2657	2660	rBV	387051	540003	1.03%	0.284%
15	19.275	2763	2769	2776	rBV	5989508	7975057	15.15%	4.194%
16	19.392	2782	2789	2792	rBV2	440550	758788	1.44%	0.399%
17	19.622	2824	2828	2837	rVB	4856565	7101546	13.49%	3.735%
18	19.822	2855	2862	2867	rBV	13451837	17161457	32.61%	9.026%
19	19.945	2877	2883	2889	rBV3	396125	996819	1.89%	0.524%
20	20.104	2907	2910	2915	rVB	762409	993681	1.89%	0.523%
21	20.204	2924	2927	2931	rBV	437034	526965	1.00%	0.277%
22	20.263	2932	2937	2941	rVV2	476663	776154	1.47%	0.408%
23	20.839	3031	3035	3042	rVB	511065	711358	1.35%	0.374%
24	21.069	3071	3074	3080	rVV3	975073	1649818	3.13%	0.868%
25	21.127	3081	3084	3089	rVB2	533001	718469	1.37%	0.378%
26	21.345	3115	3121	3125	rBV2	5675272	11022999	20.94%	5.797%
27	21.386	3125	3128	3134	rVB	2816303	3592001	6.82%	1.889%
28	21.475	3137	3143	3167	rVV	30286658	52633550	100.00%	27.682%
29	23.039	3403	3409	3414	rBV	2465478	6137228	11.66%	3.228%
30	23.563	3493	3498	3508	rVB	1549548	3163751	6.01%	1.664%
31	23.663	3510	3515	3524	rVB	2210256	4298642	8.17%	2.261%
32	23.774	3528	3534	3540	rBV2	2706259	5369788	10.20%	2.824%

Sum of corrected areas: 190139183

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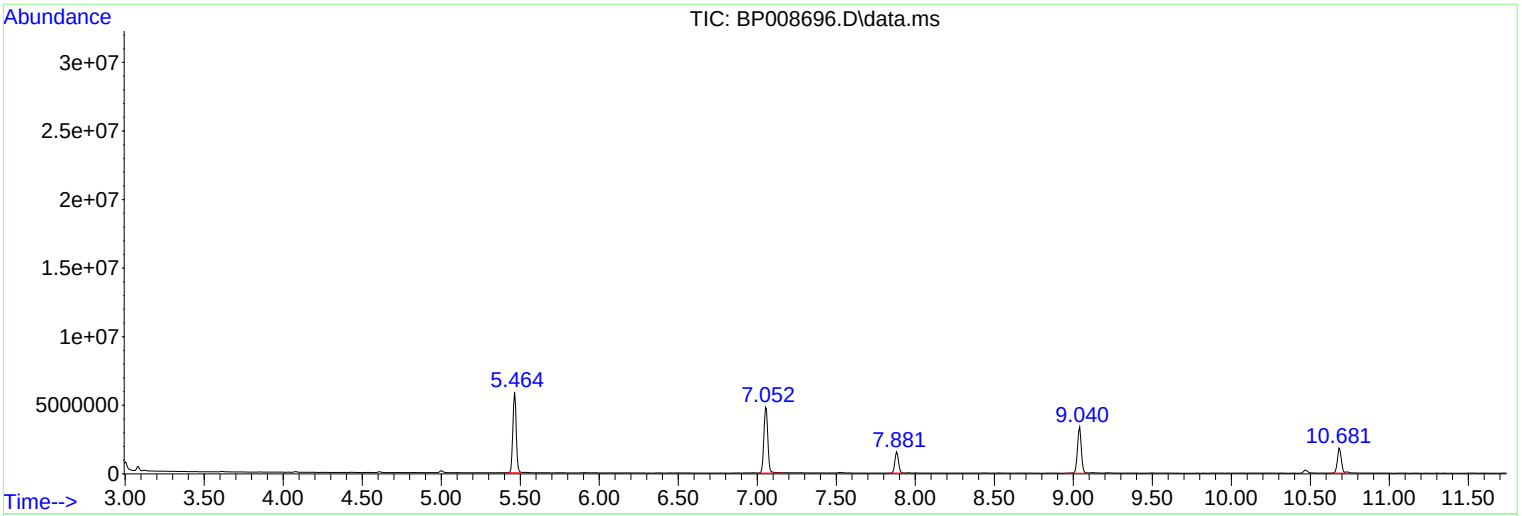
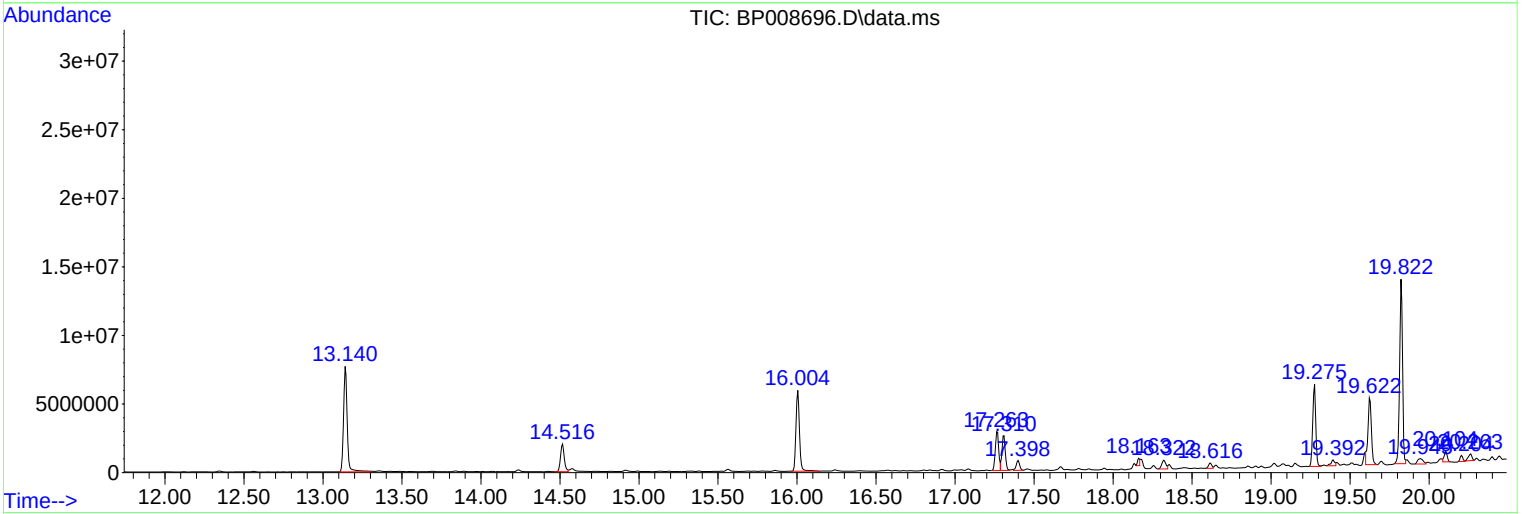
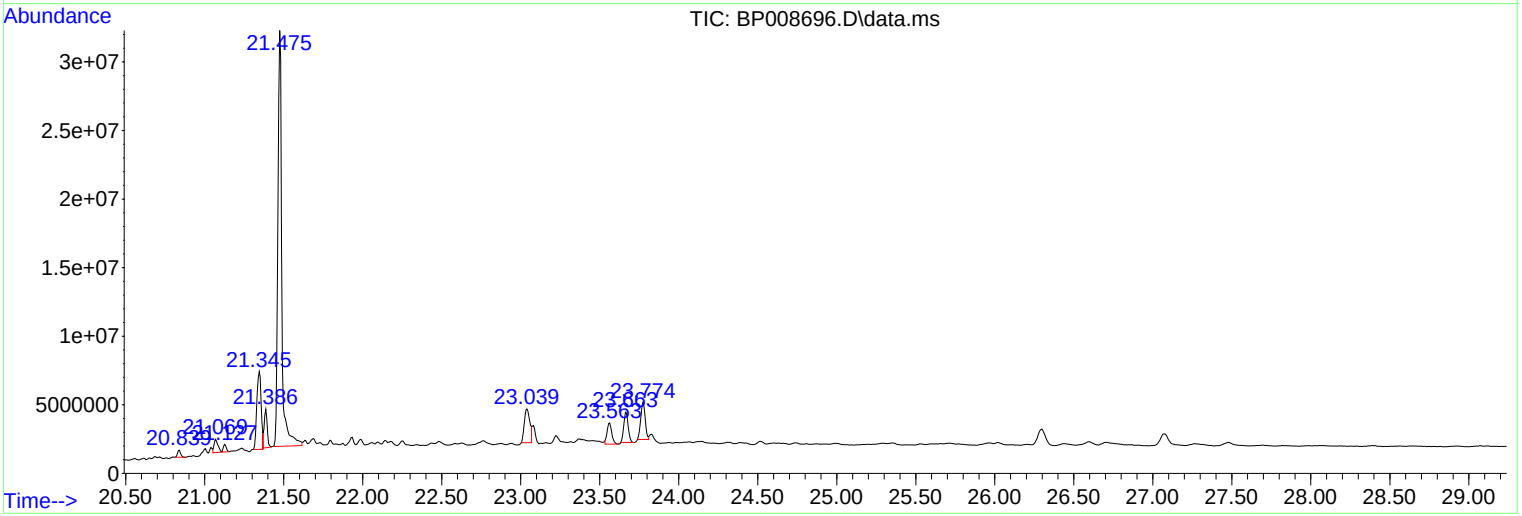
Instrument :
BNA_P
ClientSampleId :
SB-10-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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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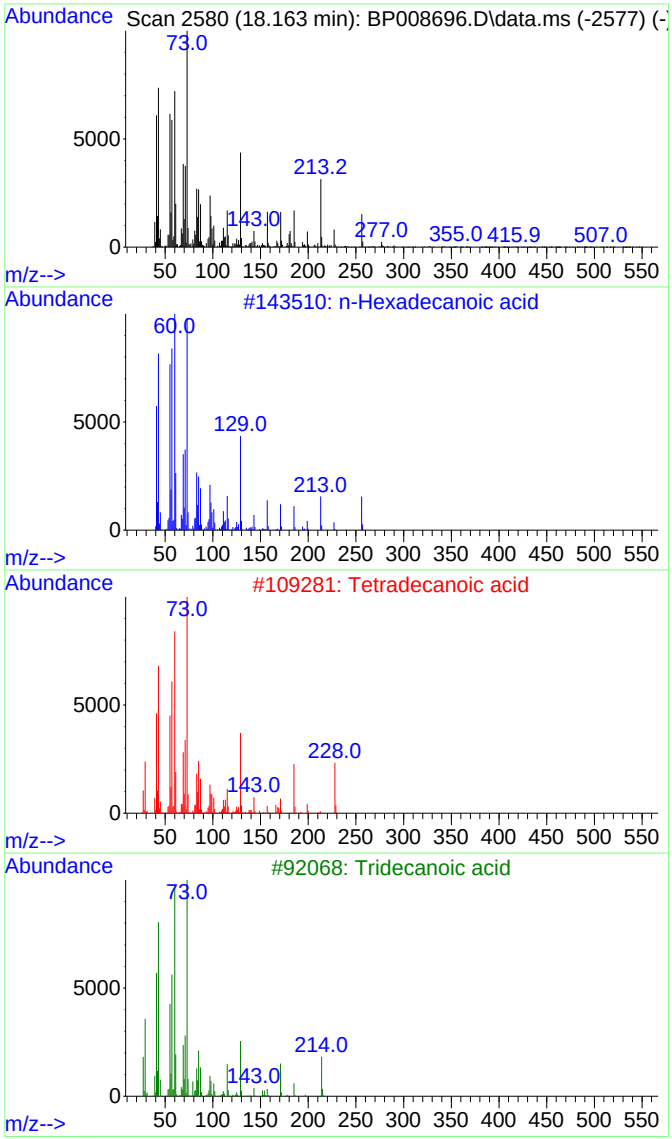
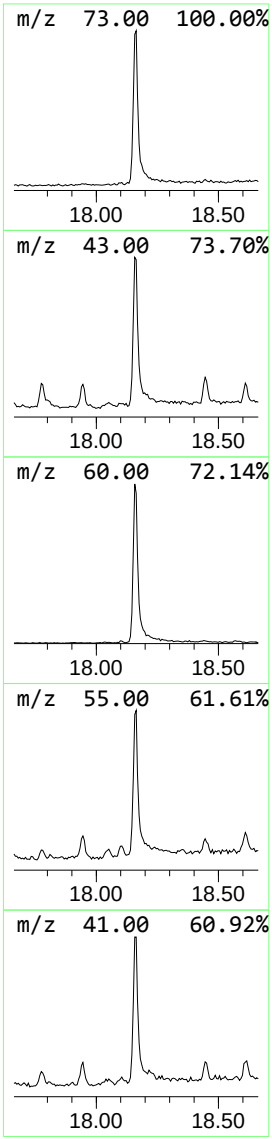
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	2.57 ng	553347	Phenanthrene-d10	17.263

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	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Octadecanoic acid	284	C18H36O2	000057-11-4	81
5	Undecanoic acid	186	C11H22O2	000112-37-8	74





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ClientSampleId :
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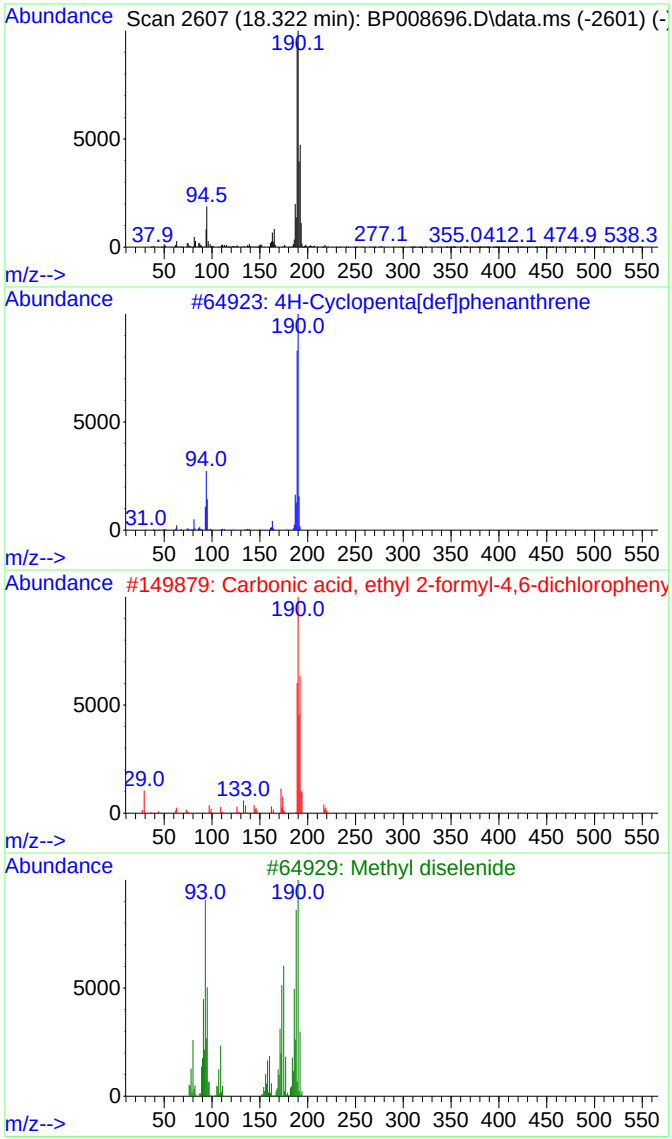
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

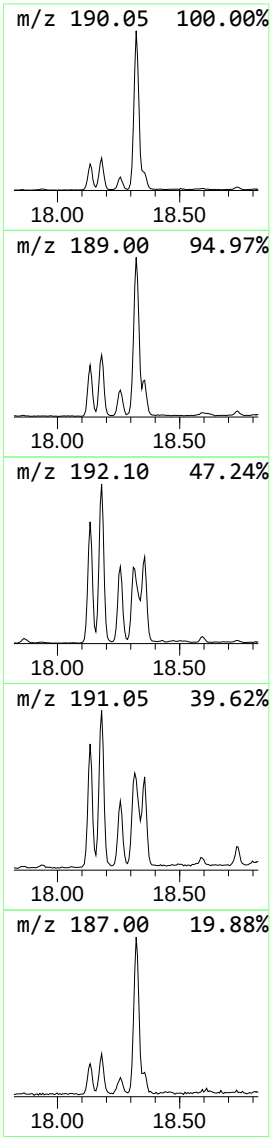
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.322	5.53 ng	1192400	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





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Sample : M5342-09
Misc :
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Instrument :
BNA_P
ClientSampleId :
SB-10-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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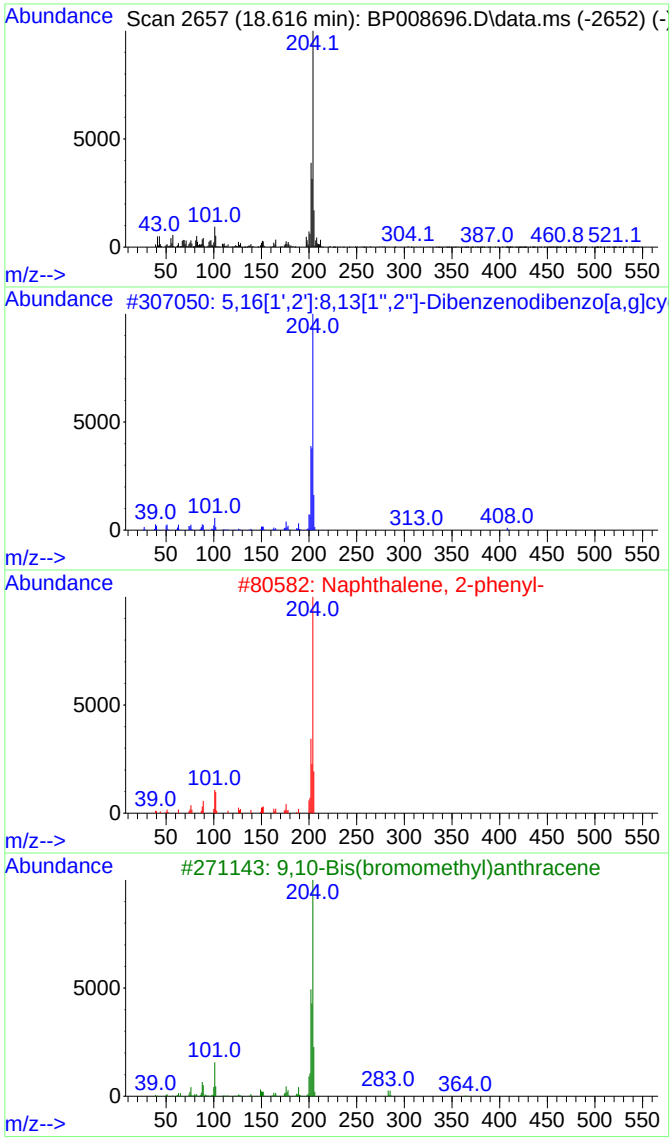
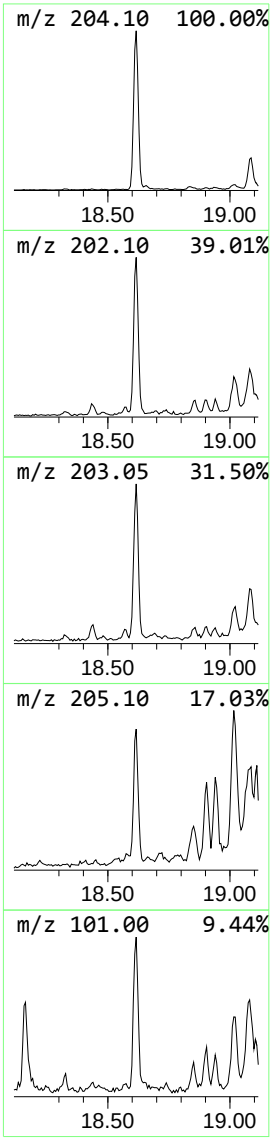
****
Peak Number 3 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.616	2.50 ng	540003	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	49
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	46
5	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	46





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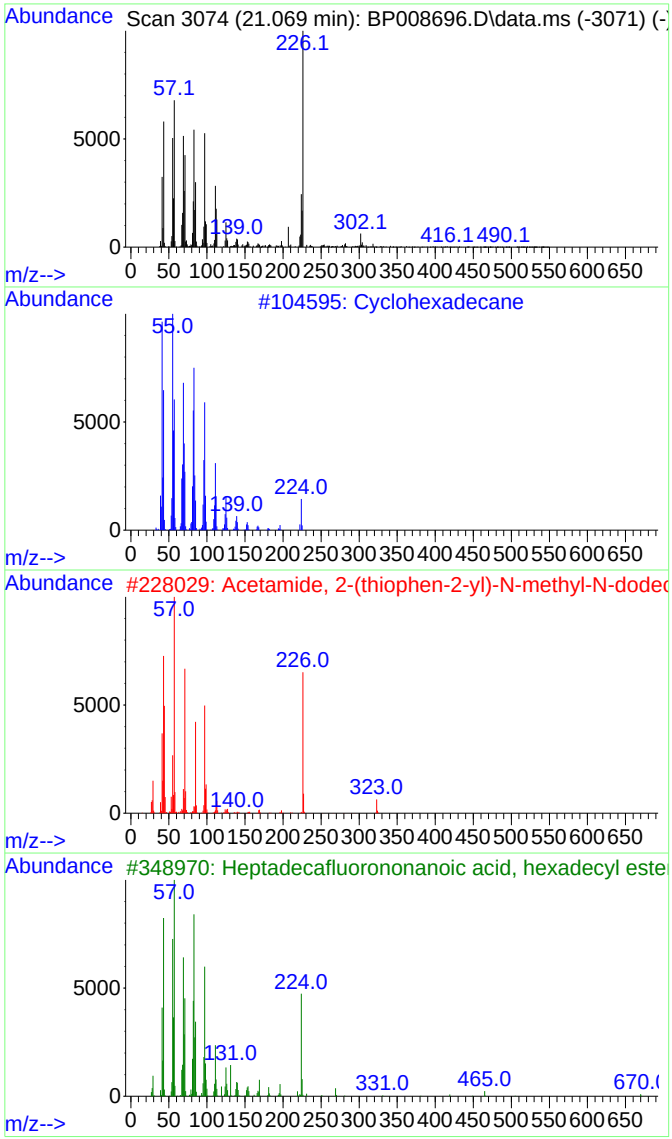
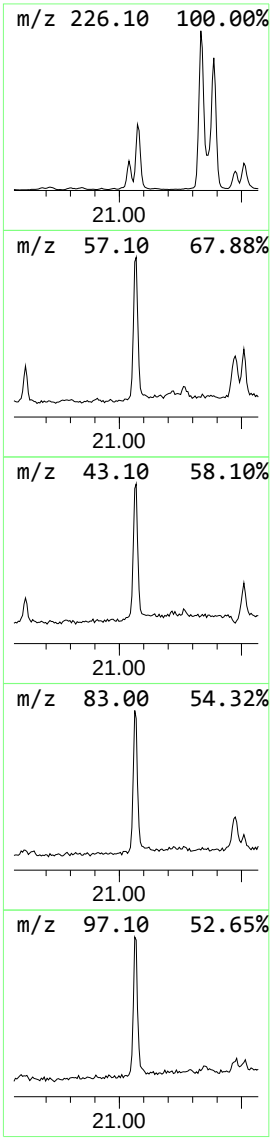
Peak Number 4 unknown21.069 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.069	2.99 ng	1649820	Chrysene-d12	21.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	41
2	Acetamide, 2-(thiophen-2-yl)-N-m...	323	C19H33NOS	1000421-20-9	40
3	Heptadecafluorononanoic acid, he...	688	C25H33F17O2	1000356-03-2	38
4	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	30
5	2-Hexadecanol acetate	284	C18H36O2	037590-88-8	30





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Instrument :
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ClientSampleId :
SB-10-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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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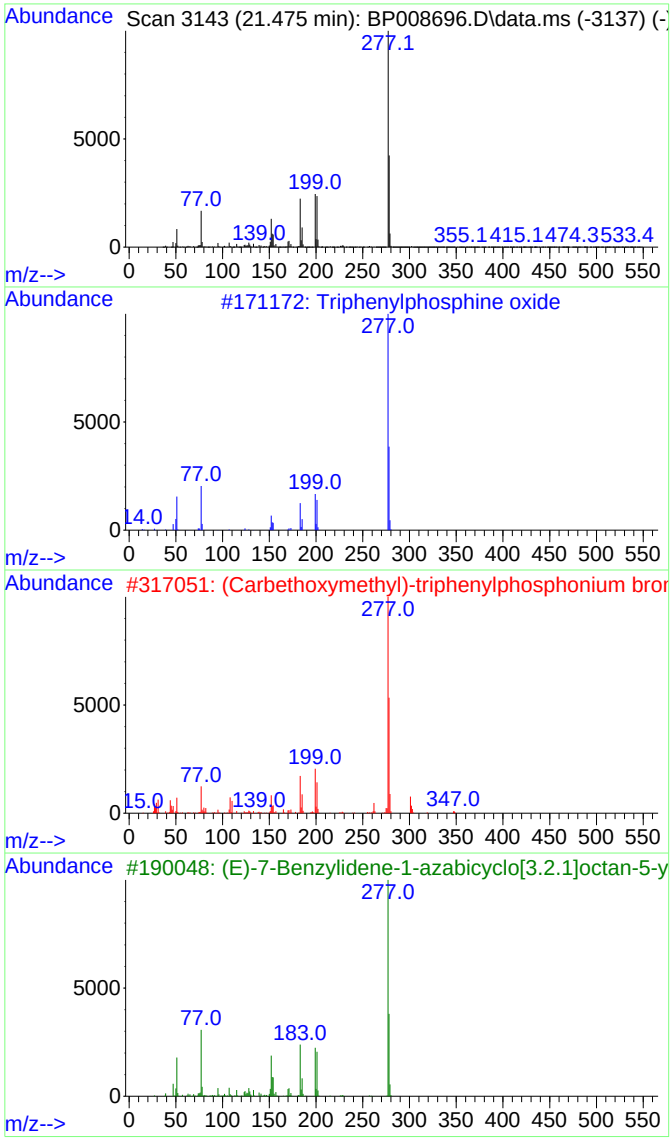
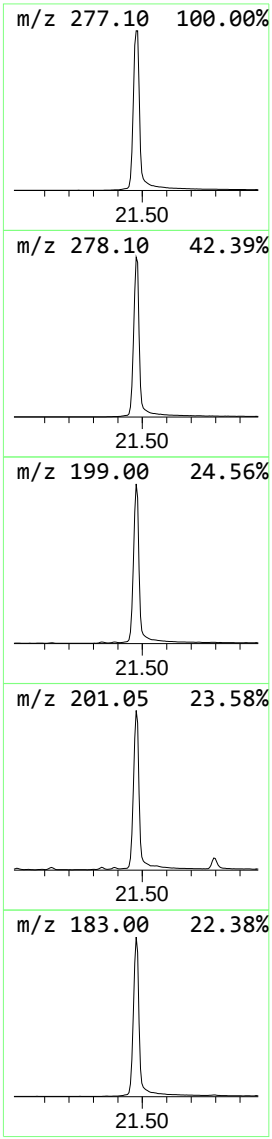
Peak Number 5 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.474	95.50 ng	52633600	Chrysene-d12	21.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	96
2	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	78
3	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	59
4	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	53
5	3-(3,4-Dichlorophenyl)-2-thioxo-...	277	C9H5Cl2NOS2	017046-34-3	25





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TIC Library : C:\Database\NIST20.L
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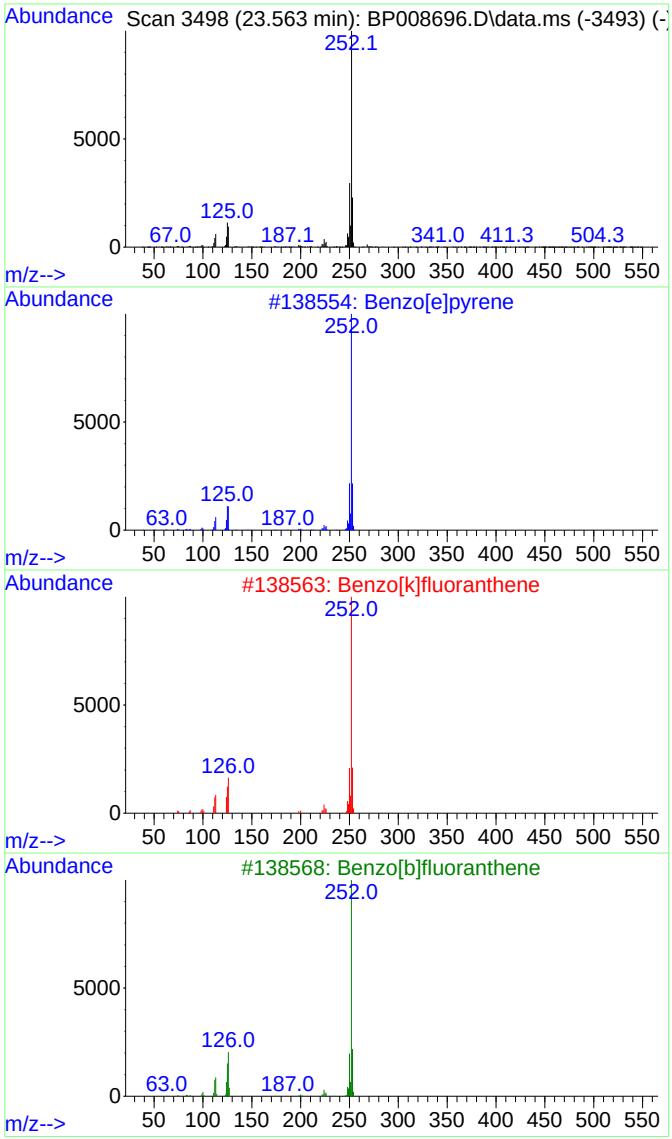
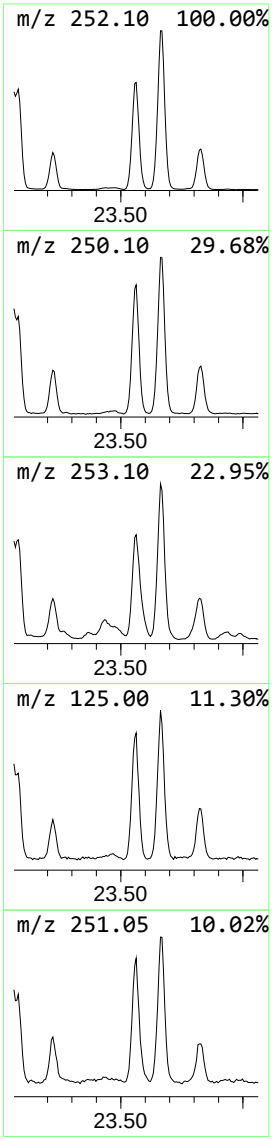
Peak Number 6 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.563	11.78 ng	3163750	Perylene-d12	23.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Perylene	252	C20H12	000198-55-0	94





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.163	2.6	ng	553347	4	17.263	4313310	20.0
4H-Cyclopenta[d...	18.322	5.5	ng	1192400	4	17.263	4313310	20.0
5,16[1',2']:8,1...	18.616	2.5	ng	540003	4	17.263	4313310	20.0
unknown21.069	21.069	3.0	ng	1649820	5	21.351	11023000	20.0
Triphenylphosph...	21.474	95.5	ng	52633600	5	21.351	11023000	20.0
Benzo[e]pyrene	23.563	11.8	ng	3163750	6	23.774	5369790	20.0