LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
Data File : BP002467.D
Acq On : 19 Jun 2020 19:59
Operator : CG/JU
Sample : L3035-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 2-SP-3-5

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\8270-BP060520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.205	387	394	407	rBV	2254731	3482614	38.05%	4.949%
2	6.775	653	661	674	rBV	2548851	4094791	44.73%	5.819%
3	7.587	791	799	807	rBV	750683	1173124	12.82%	1.667%
4	7.904	846	853	863	rBV	2239364	3657139	39.95%	5.197%
5	8.728	985	993	1004	rBV	1840751	3086065	33.71%	4.386%
6	10.357	1262	1270	1277	rBV	1013748	1699352	18.56%	2.415%
7	12.851	1686	1694	1713	rBV	4287267	6517585	71.20%	9.262%
8	13.692	1831	1837	1846	rBV	519479	743482	8.12%	1.057%
9	14.063	1891	1900	1914	rBV2	34586	98897	1.08%	0.141%
10	14.234	1922	1929	1936	rBV2	1549344	2281850	24.93%	3.243%
11	15.733	2177	2184	2196	rBV	2897710	4440851	48.51%	6.311%
12	16.986	2391	2397	2402	rBV	1863359	2840133	31.03%	4.036%
13	17.033	2402	2405	2410	rVB	638758	825602	9.02%	1.173%
14	17.122	2415	2420	2427	rVB	197364	280055	3.06%	0.398%
15	17.792	2530	2534	2542	rBV2	79192	151779	1.66%	0.216%
16	17.869	2543	2547	2550	rVV	81964	104421	1.14%	0.148%
17	17.916	2551	2555	2564	rVV2	371648	586987	6.41%	0.834%
18	17.992	2564	2568	2573	rVB2	65545	95174	1.04%	0.135%
19	18.051	2574	2578	2583	rBV2	106583	184886	2.02%	0.263%
20	18.357	2626	2630	2634	rBV	76547	108216	1.18%	0.154%
21	18.757	2695	2698	2705	rBV3	82201	128922	1.41%	0.183%
22	18.892	2718	2721	2730	rVB2	85961	129211	1.41%	0.184%
23	19.016	2737	2742	2746	rBV	1388584	1847498	20.18%	2.625%
24	19.163	2764	2767	2778	rVB2	175508	304924	3.33%	0.433%
25	19.369	2793	2802	2810	rBV	1180734	1819552	19.88%	2.586%
26	19.580	2830	2838	2847	rVB	6849279	9153881	100.00%	13.008%
27	20.004	2906	2910	2915	rBV2	133449	210381	2.30%	0.299%
28	20.580	3006	3008	3011	rBV	98248	123179	1.35%	0.175%
29	20.786	3040	3043	3046	rBV2	133942	181754	1.99%	0.258%
30	20.833	3048	3051	3057	rVB2	921009	1097610	11.99%	1.560%
31	21.033	3083	3085	3088	rVV	109621	103671	1.13%	0.147%
32	21.092	3088	3095	3099	rVV2	2595140	3984654	43.53%	5.662%
33	21.127	3099	3101	3111	rVB	592842	693255	7.57%	0.985%
34	22.504	3327	3335	3352	rVB7	682998	3758525	41.06%	5.341%

LSC Area Percent Report

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Misc :
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Instrument : BNA_P
ClientSampleId : 2-SP-3-5

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\8270-BP060520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	22.633	3353	3357	3362	rBV	284465	529032	5.78%	0.752%
36	22.892	3392	3401	3425	rVB3	1336303	6308005	68.91%	8.964%
37	23.098	3432	3436	3442	rVB	272431	480468	5.25%	0.683%
38	23.192	3447	3452	3462	rVB	385038	719602	7.86%	1.023%
39	23.292	3462	3469	3475	rBV	1273270	2342259	25.59%	3.329%

Sum of corrected areas: 70369386

LSC Report - Integrated Chromatogram

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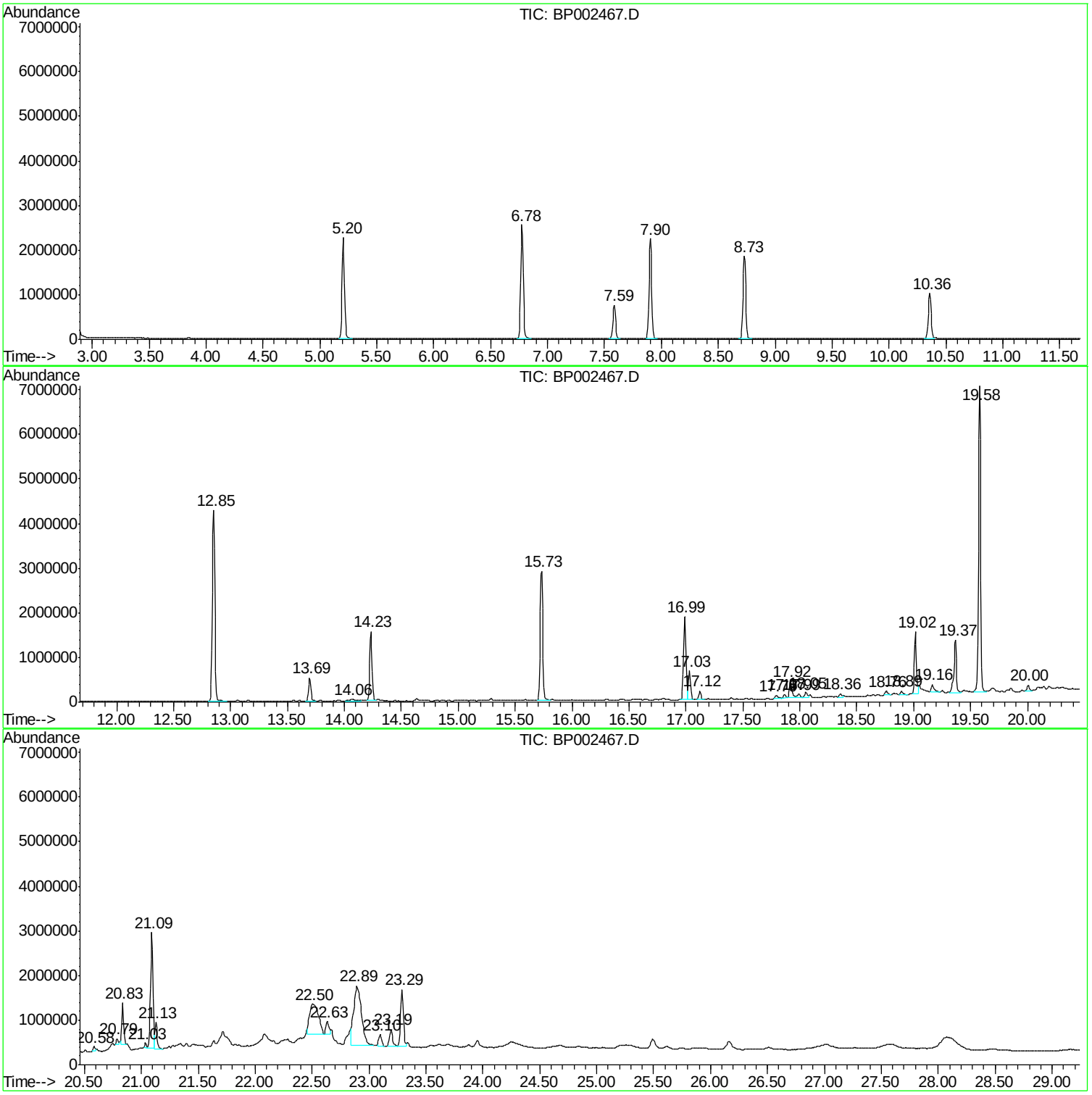
Acq On : 19 Jun 2020 19:59
Operator : CG/JU
Sample : L3035-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 2-SP-3-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
Data File : BP002467.D
Acq On : 19 Jun 2020 19:59
Operator : CG/JU
Sample : L3035-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 2-SP-3-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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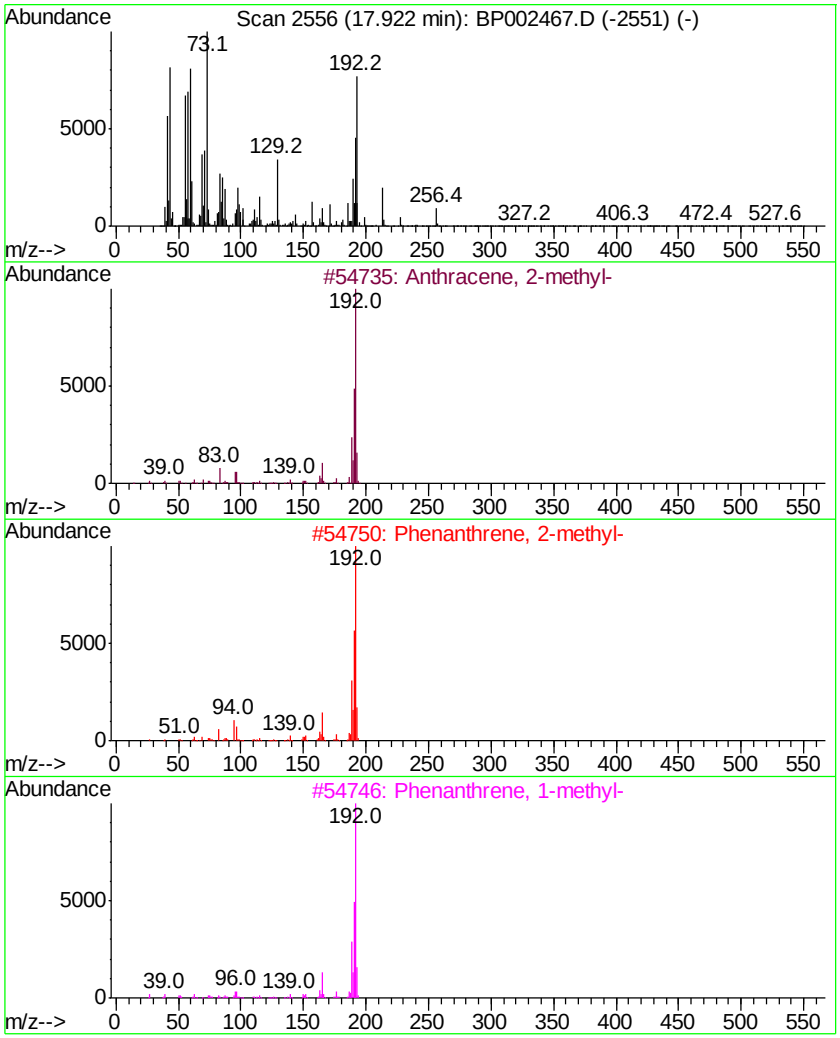
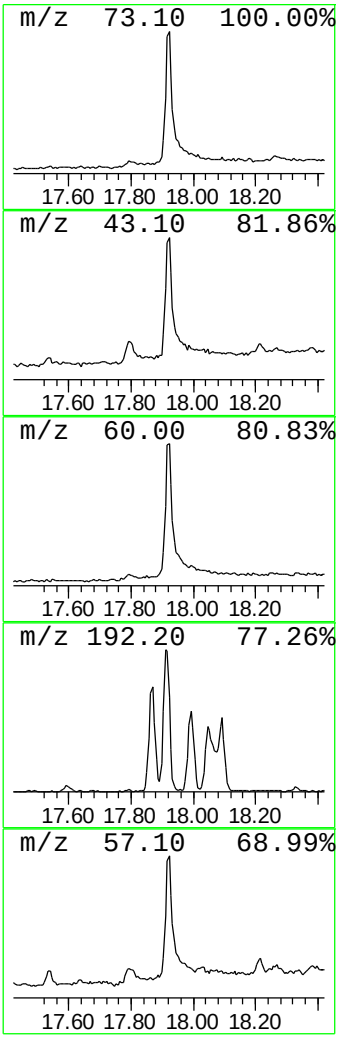
Peak Number 2 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	4.13 ng	586987	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95





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Acq On : 19 Jun 2020 19:59
Operator : CG/JU
Sample : L3035-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 2-SP-3-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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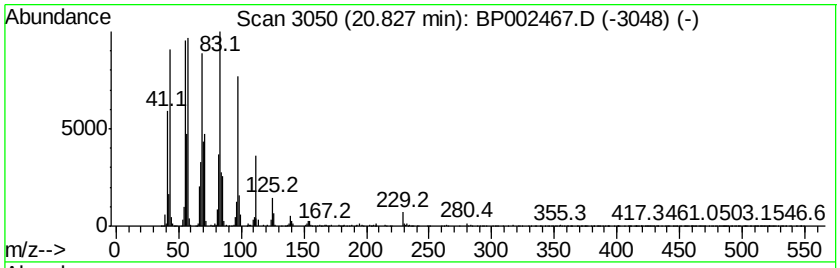
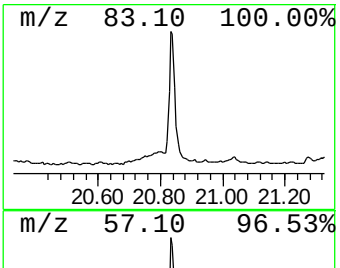
Peak Number 3 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	5.51 ng	1097610	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91





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Operator : CG/JU
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Instrument : BNA_P
ClientSampleId : 2-SP-3-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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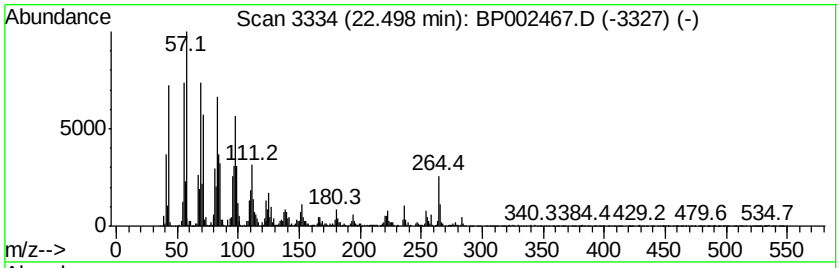
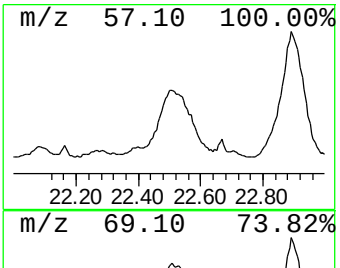
Peak Number 4 Oleic acid, eicosyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	32.09 ng	3758530	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic acid, eicosyl ester	563	C38H74O2	022393-88-0	94
2	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	74
3	1-Hexadecanethiol	258	C16H34S	002917-26-2	70
4	Triacontyl acetate	480	C32H64O2	041755-58-2	64
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
Data File : BP002467.D
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Instrument : BNA_P
ClientSampleId : 2-SP-3-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
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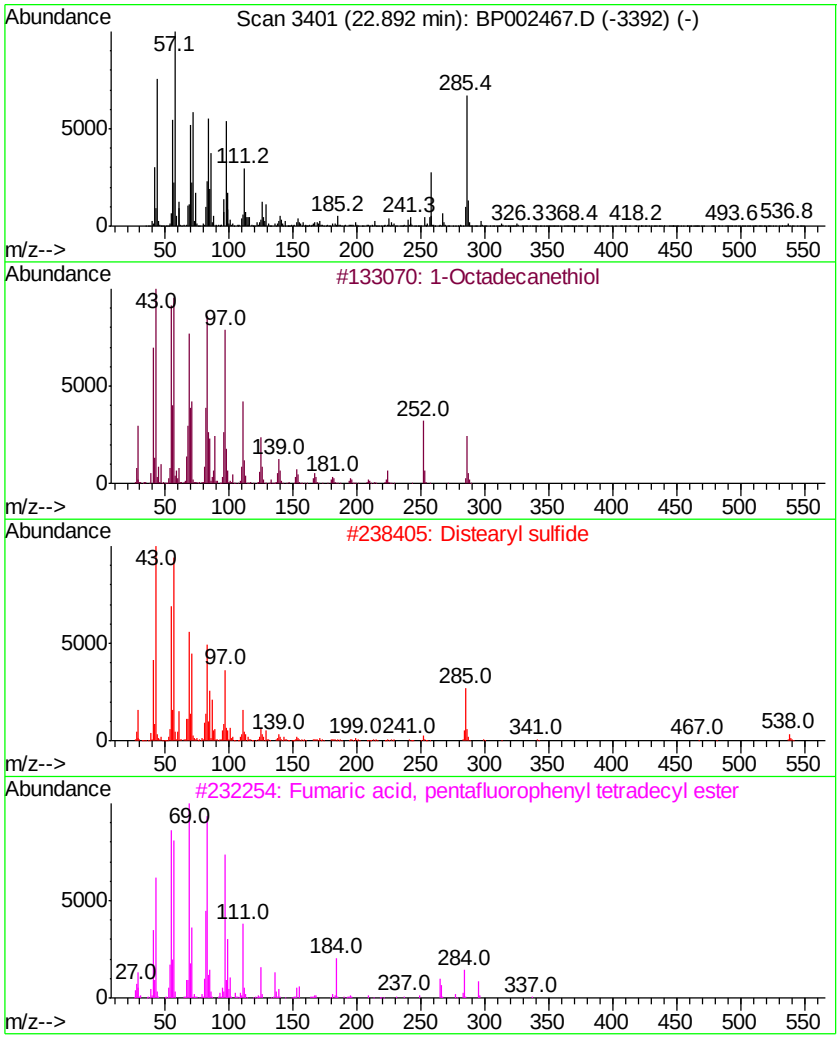
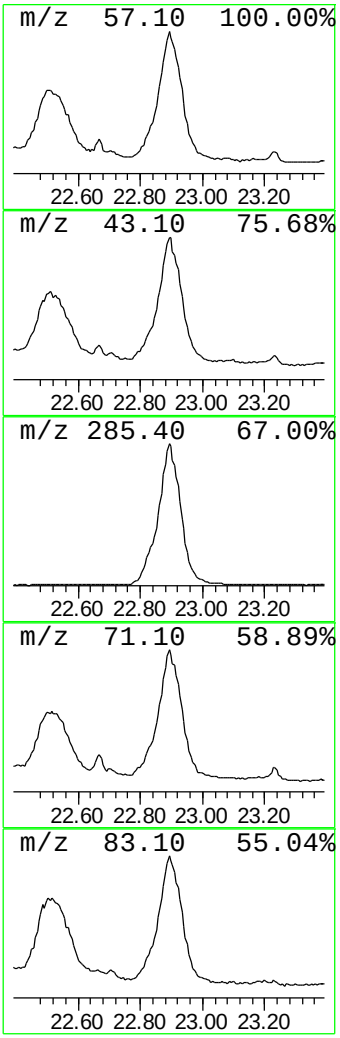
****

Peak Number 5 1-Octadecanethiol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.89	53.86 ng	6308010	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanethiol	286	C18H38S	002885-00-9	91
2	Distearyl sulfide	539	C36H74S	001844-09-3	53
3	Fumaric acid, pentafluorophenyl ...	478	C24H31F5O4	1000348-10-6	38
4	Octadecanoic acid, octadecyl ester	537	C36H72O2	002778-96-3	38
5	Fumaric acid, pentadecyl pentafl...	492	C25H33F5O4	1000348-10-7	32





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Instrument : BNA_P
ClientSampleId : 2-SP-3-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

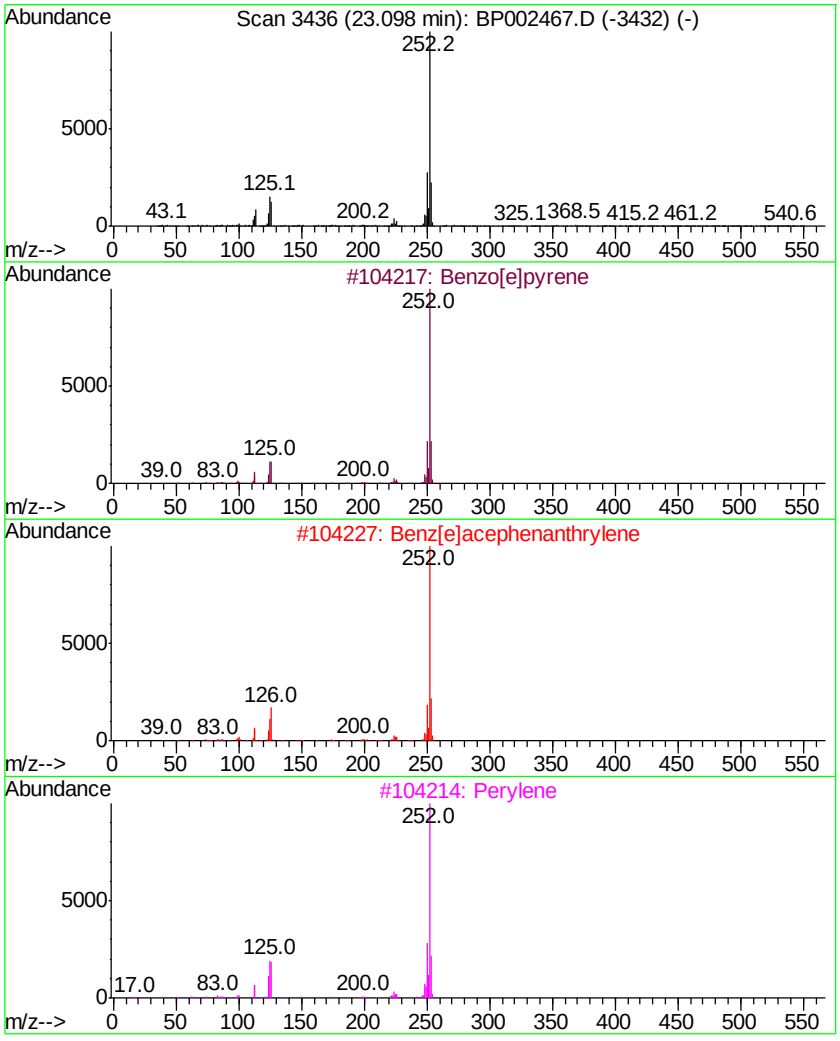
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

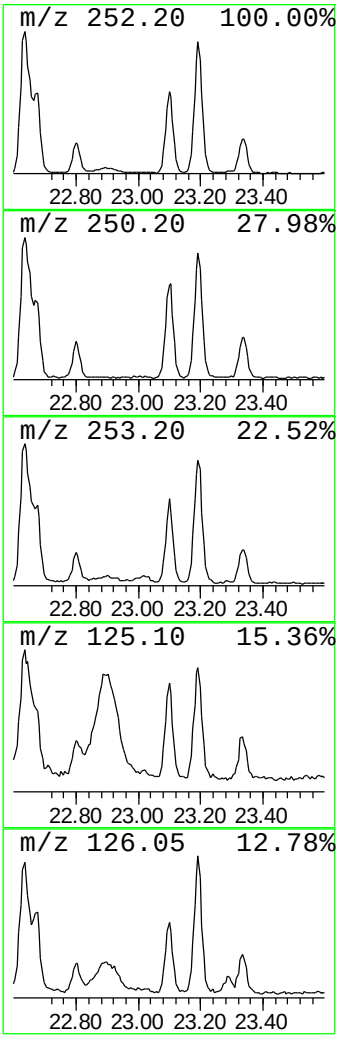
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.10	4.10 ng	480468	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Anthracene, 2-met...	17.92	4.1	ng	586987	4	16.99	2840130	20.0
1-Docosene	20.83	5.5	ng	1097610	5	21.09	3984650	20.0
Oleic acid, eicos...	22.50	32.1	ng	3758530	6	23.29	2342260	20.0
1-Octadecanethiol	22.89	53.9	ng	6308010	6	23.29	2342260	20.0
Benzo[e]pyrene	23.10	4.1	ng	480468	6	23.29	2342260	20.0