LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\
Data File : BP002527.D
Acq On : 24 Jun 2020 17:35
Operator : CG/JU
Sample : L3089-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RB47185-RT

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	5.199	386	393	401	rBV	3277438	5064290	61.66%	7.501%
2	6.775	650	661	677	rBV	3372519	5529103	67.32%	8.189%
3	7.581	791	798	806	rBV	929424	1441100	17.55%	2.134%
4	7.899	843	852	871	rBV	2951559	4796395	58.40%	7.104%
5	8.728	980	993	1007	rBV	2327904	3897914	47.46%	5.773%
6	10.352	1261	1269	1275	rBV	1178376	1987504	24.20%	2.944%
7	10.399	1275	1277	1288	rVB	68459	106082	1.29%	0.157%
8	12.022	1548	1553	1562	rVB	53356	92442	1.13%	0.137%
9	12.845	1686	1693	1711	rVB	4948003	7720525	94.01%	11.435%
10	13.687	1828	1836	1844	rBV	569342	809898	9.86%	1.200%
11	13.945	1874	1880	1887	rVB	68277	111613	1.36%	0.165%
12	14.228	1921	1928	1936	rBV	1652525	2470462	30.08%	3.659%
13	14.304	1936	1941	1944	rVV2	106578	178122	2.17%	0.264%
14	14.340	1944	1947	1954	rVB3	61820	96250	1.17%	0.143%
15	15.728	2176	2183	2194	rBV	3438578	5245994	63.88%	7.770%
16	16.986	2391	2397	2401	rBV	1828038	2622976	31.94%	3.885%
17	17.028	2401	2404	2409	rVB	414475	541280	6.59%	0.802%
18	17.116	2415	2419	2425	rVB	121115	170214	2.07%	0.252%
19	17.863	2542	2546	2550	rBV	70777	94337	1.15%	0.140%
20	17.910	2550	2554	2560	rVV	192530	259886	3.16%	0.385%
21	17.980	2562	2566	2571	rVV3	47514	88656	1.08%	0.131%
22	18.045	2572	2577	2581	rVV2	135295	239841	2.92%	0.355%
23	18.086	2581	2584	2592	rVB	66123	100524	1.22%	0.149%
24	18.351	2624	2629	2632	rBV2	89200	139878	1.70%	0.207%
25	18.386	2632	2635	2642	rVB3	63828	90967	1.11%	0.135%
26	18.763	2694	2699	2703	rVB	85020	123423	1.50%	0.183%
27	18.822	2704	2709	2717	rVV4	224329	372082	4.53%	0.551%
28	18.892	2717	2721	2729	rVB2	65377	108321	1.32%	0.160%
29	19.010	2734	2741	2749	rVB	1064486	1408305	17.15%	2.086%
30	19.363	2792	2801	2809	rBV	863680	1413089	17.21%	2.093%
31	19.575	2828	2837	2848	rVB	6086623	8212796	100.00%	12.164%
32	19.686	2851	2856	2862	rBV4	66272	156956	1.91%	0.232%
33	19.851	2881	2884	2889	rVV	119280	157580	1.92%	0.233%
34	19.904	2889	2893	2897	rVV	320988	336682	4.10%	0.499%

LSC Area Percent Report

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Operator : CG/JU
Sample : L3089-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RB47185-RT

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	19.951	2897	2901	2904	rBV	85262	97239	1.18%	0.144%
36	20.004	2906	2910	2914	rVB3	88386	133349	1.62%	0.197%
37	20.139	2929	2933	2937	rBV2	78363	111092	1.35%	0.165%
38	20.580	3005	3008	3016	rVB	90936	145720	1.77%	0.216%
39	20.833	3046	3051	3056	rBV3	674066	1068151	13.01%	1.582%
40	21.086	3088	3094	3098	rBV2	1888088	2917307	35.52%	4.321%
41	21.127	3098	3101	3109	rVB	460306	644118	7.84%	0.954%
42	21.269	3122	3125	3133	rVB3	114821	146754	1.79%	0.217%
43	21.704	3195	3199	3209	rVB3	212711	413914	5.04%	0.613%
44	22.157	3273	3276	3280	rVB	124394	148870	1.81%	0.220%
45	22.627	3351	3356	3360	rBV	427783	928076	11.30%	1.375%
46	23.092	3431	3435	3444	rVB	258558	488062	5.94%	0.723%
47	23.186	3446	3451	3456	rBV	355645	673759	8.20%	0.998%
48	23.286	3461	3468	3474	rBV	1261533	2369063	28.85%	3.509%
49	23.939	3575	3579	3587	rVB2	212779	413465	5.03%	0.612%
50	25.486	3837	3842	3854	rVB2	226341	634930	7.73%	0.940%

Sum of corrected areas: 67519356

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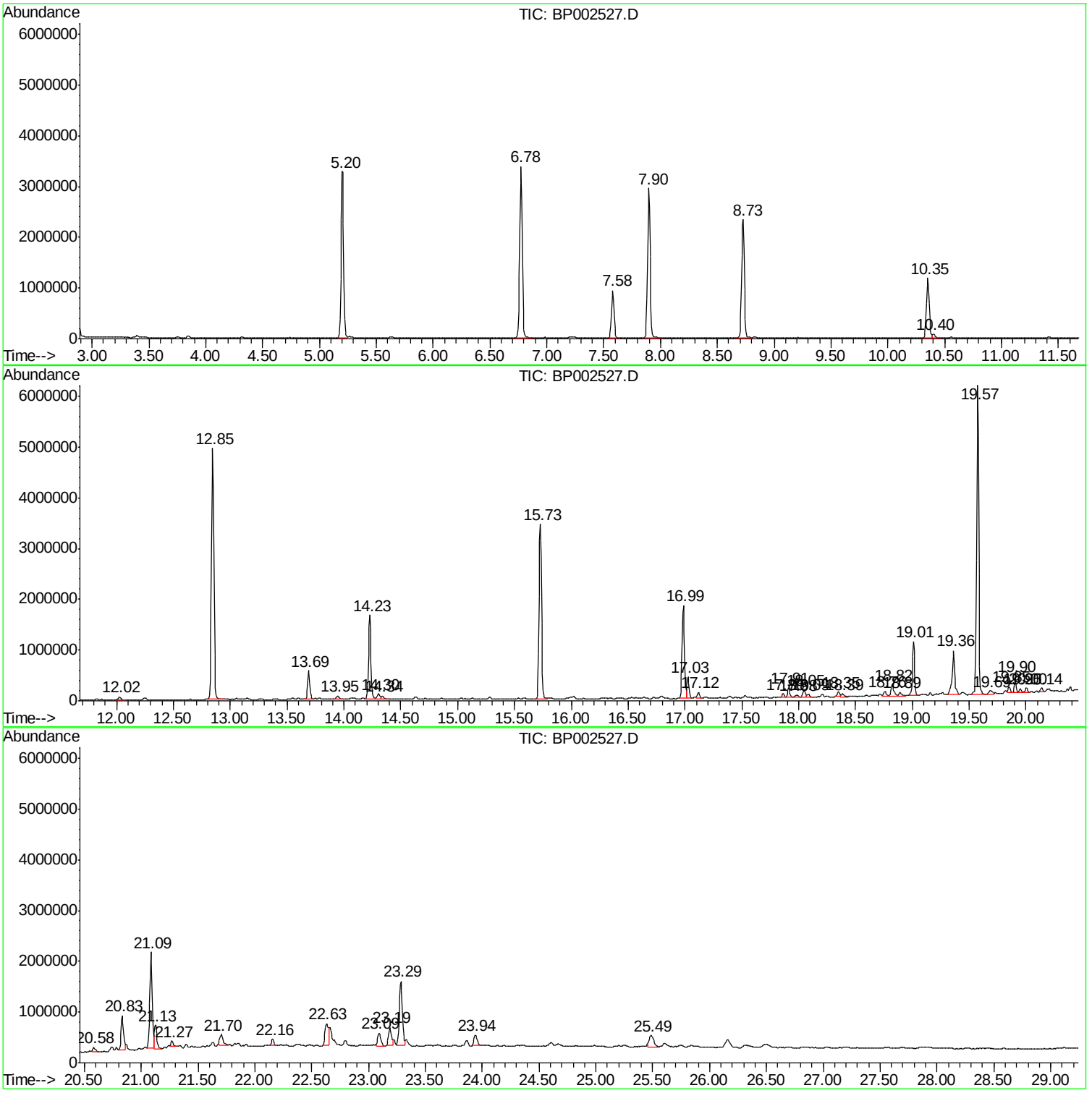
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RB47185-RT

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\
Data File : BP002527.D
Acq On : 24 Jun 2020 17:35
Operator : CG/JU
Sample : L3089-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RB47185-RT

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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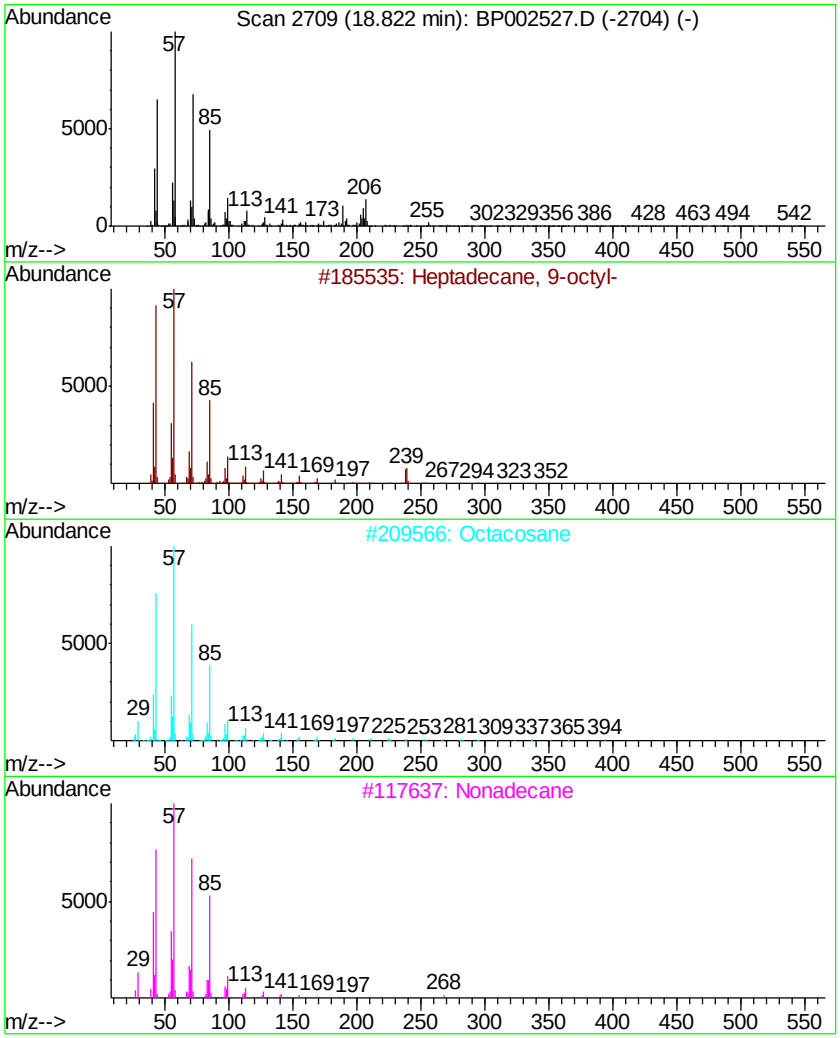
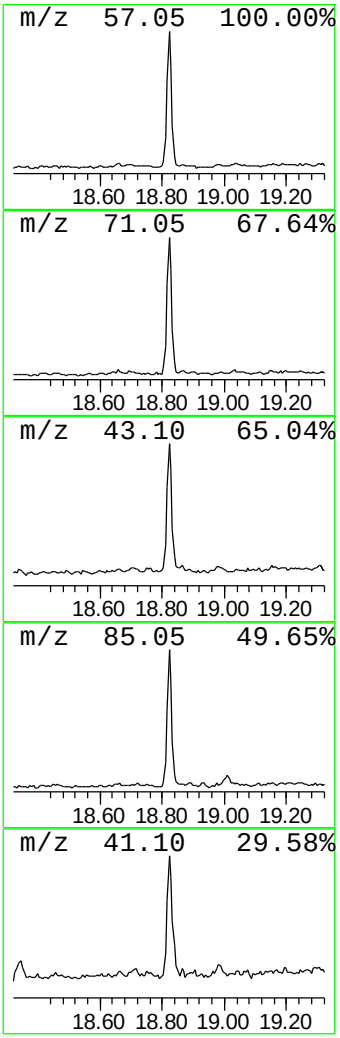
Peak Number 2 Heptadecane, 9-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	2.84 ng	372082	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80
2	Octacosane	394	C28H58	000630-02-4	70
3	Nonadecane	268	C19H40	000629-92-5	64
4	Pentadecane	212	C15H32	000629-62-9	62
5	Tetracosane	338	C24H50	000646-31-1	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\
Data File : BP002527.D
Acq On : 24 Jun 2020 17:35
Operator : CG/JU
Sample : L3089-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RB47185-RT

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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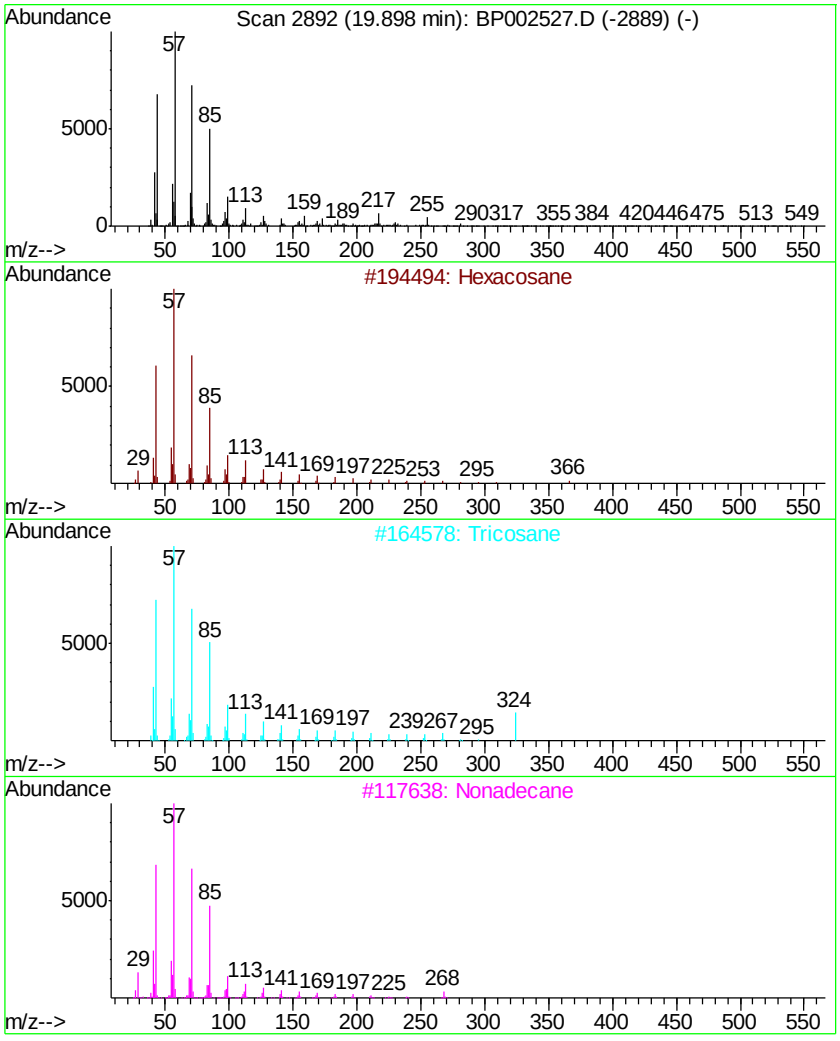
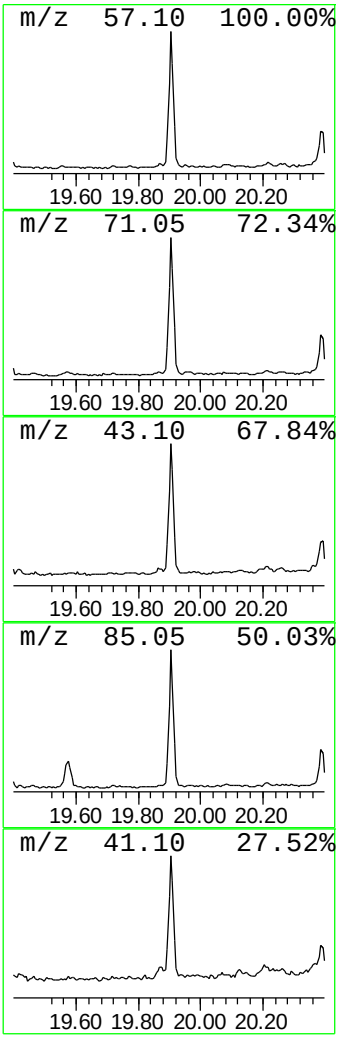
Peak Number 3 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	2.31 ng	336682	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	97
2	Tricosane	324	C23H48	000638-67-5	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	89
5	Heneicosane	296	C21H44	000629-94-7	87





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Data File : BP002527.D
Acq On : 24 Jun 2020 17:35
Operator : CG/JU
Sample : L3089-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RB47185-RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
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TIC Library : C:\DATABASE\NIST11.L
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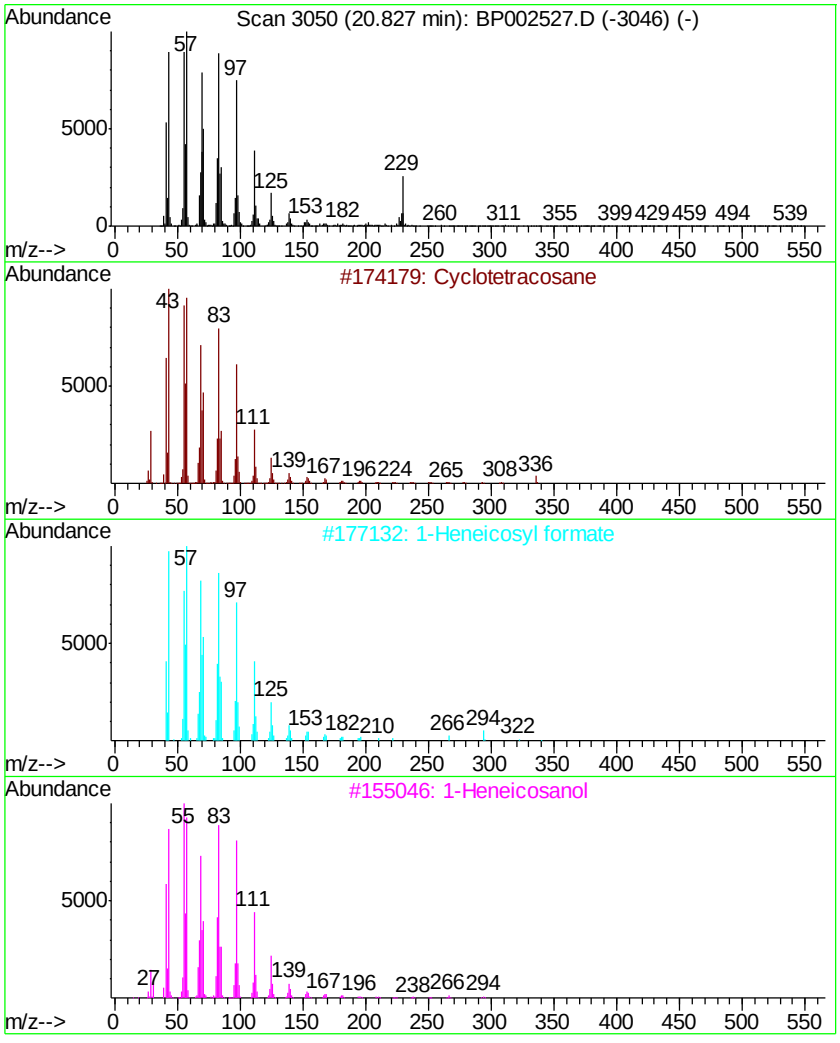
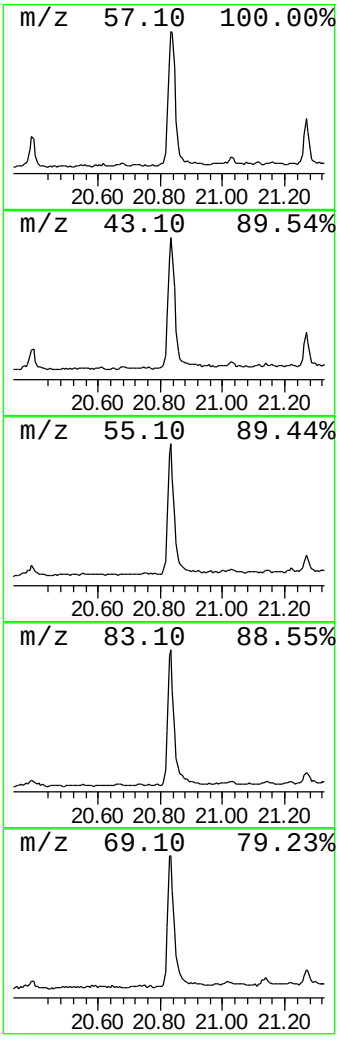
Peak Number 4 Cyclotetracosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	7.32 ng	1068150	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	97
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Cyclopentadecane	210	C15H30	000295-48-7	92
5	Behenic alcohol	326	C22H46O	000661-19-8	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RB47185-RT

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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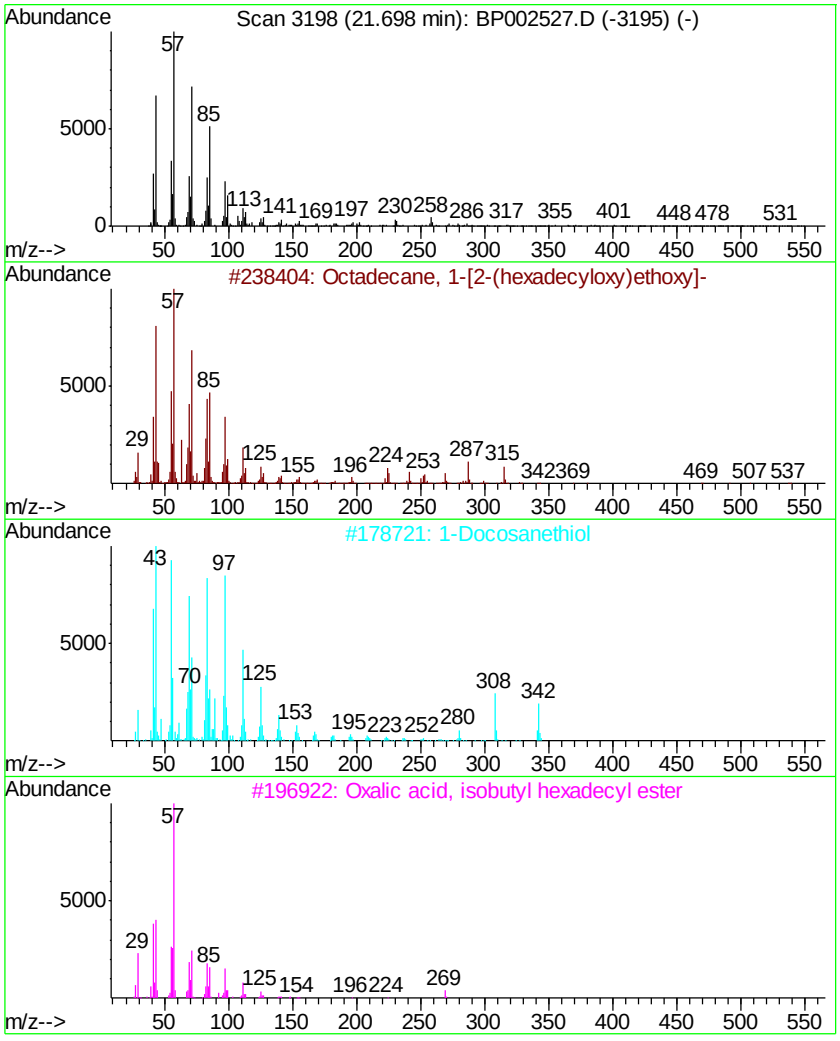
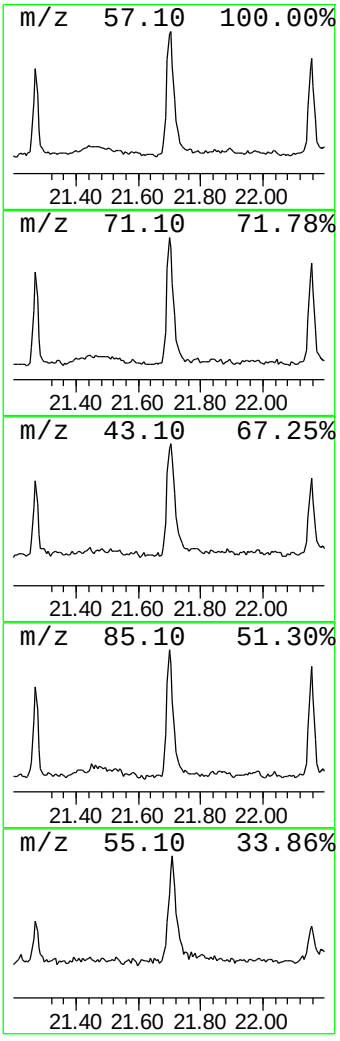
Peak Number 5 Octadecane, 1-[2-(hexadecyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.70	2.84 ng	413914	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-[2-(hexadecyloxy)e...	539	C36H74O2	017367-10-1	93
2	1-Docosanethiol	342	C22H46S	007773-83-3	90
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	87
4	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	87
5	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	87





Library Search Compound Report

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Misc :
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Instrument : BNA_P
ClientSampleId : RB47185-RT

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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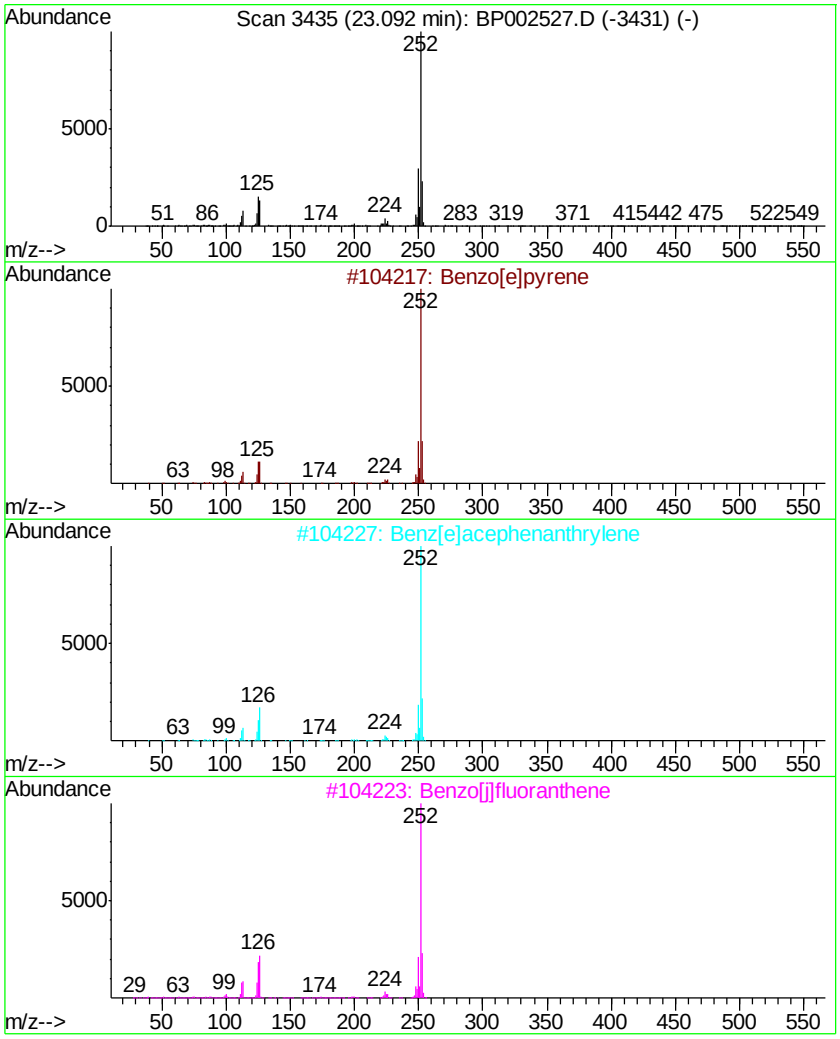
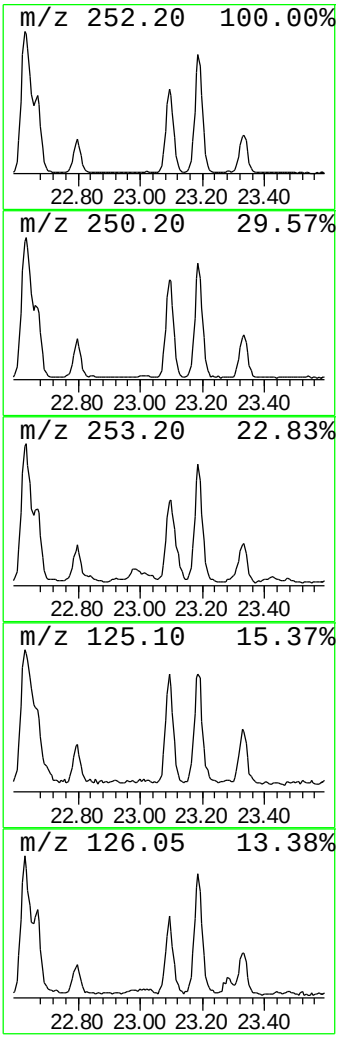
Peak Number 6 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.09	4.12 ng	488062	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	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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Instrument : BNA_P
ClientSampleId : RB47185-RT

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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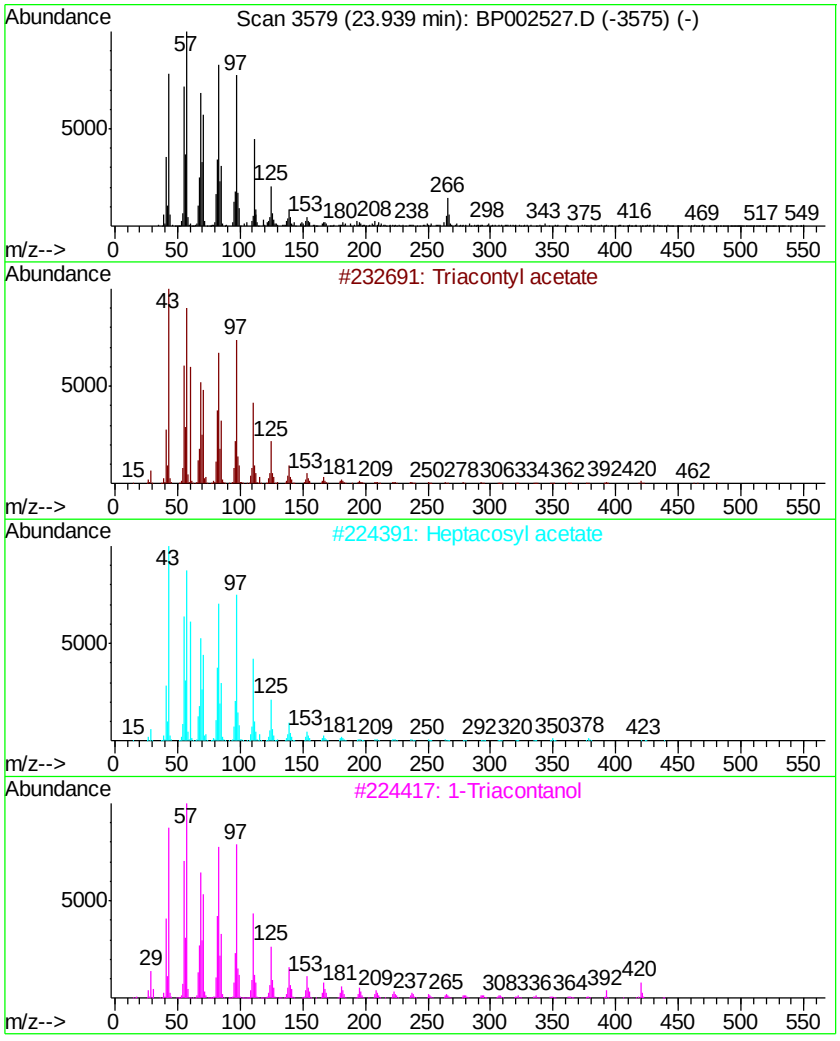
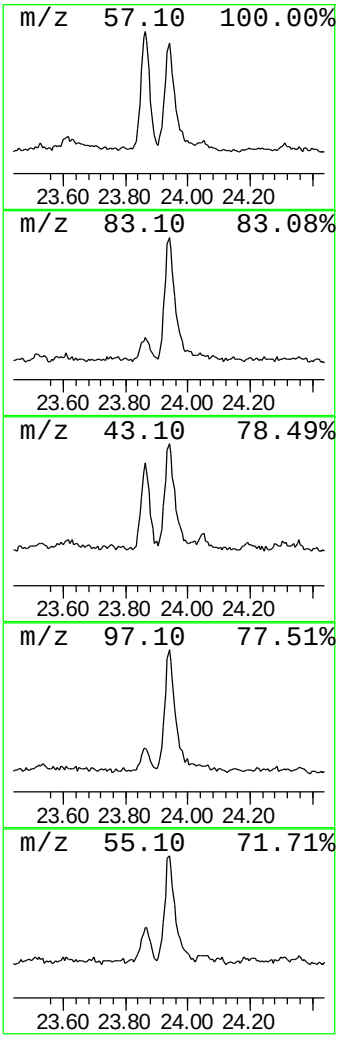
Peak Number 7 Triacontyl acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	3.49 ng	413465	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontyl acetate	480	C32H64O2	041755-58-2	98
2	Heptacosyl acetate	438	C29H58O2	1000351-78-2	98
3	1-Triacontanol	438	C30H62O	000593-50-0	96
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	Octacosanol	410	C28H58O	000557-61-9	94





Tentatively Identified Compound (LSC) summary

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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Heptadecane, 9-oc...	18.82	2.8	ng	372082	4	16.99	2622980	20.0
Hexacosane	19.90	2.3	ng	336682	5	21.09	2917310	20.0
Cyclotetracosane	20.83	7.3	ng	1068150	5	21.09	2917310	20.0
Octadecane, 1-[2-...	21.70	2.8	ng	413914	5	21.09	2917310	20.0
Benzo[e]pyrene	23.09	4.1	ng	488062	6	23.29	2369060	20.0
Triacontyl acetate	23.94	3.5	ng	413465	6	23.29	2369060	20.0