LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005724.D
Acq On : 04 Jun 2021 22:16
Operator : CG/JU
Sample : M2589-14 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B11(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-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005724.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	333	338	344	rVB2	33306	51846	1.50%	0.143%
2	5.546	412	418	428	rBV	1038462	1524277	44.01%	4.198%
3	7.152	680	691	703	rBV	1026285	1645504	47.51%	4.532%
4	7.275	708	712	722	rVB	26063	49212	1.42%	0.136%
5	7.987	824	833	840	rBV	626294	1013222	29.25%	2.790%
6	9.146	1024	1030	1038	rBV	634176	1034182	29.86%	2.848%
7	10.793	1300	1310	1316	rBV	826306	1440871	41.60%	3.968%
8	10.840	1316	1318	1325	rVB	40038	62278	1.80%	0.172%
9	12.210	1542	1551	1556	rBV	57966	96194	2.78%	0.265%
10	12.446	1581	1591	1597	rVB	46332	91358	2.64%	0.252%
11	12.663	1621	1628	1632	rBV	30597	56892	1.64%	0.157%
12	13.157	1707	1712	1717	rVB3	28857	45885	1.32%	0.126%
13	13.240	1717	1726	1736	rBV	1707346	2531407	73.09%	6.971%
14	13.440	1755	1760	1767	rVB2	103037	145800	4.21%	0.402%
15	13.775	1810	1817	1824	rBV4	35703	99885	2.88%	0.275%
16	13.934	1838	1844	1849	rBV2	56914	108133	3.12%	0.298%
17	13.987	1849	1853	1858	rVB	38312	61512	1.78%	0.169%
18	14.093	1868	1871	1875	rVB	43763	55630	1.61%	0.153%
19	14.334	1907	1912	1919	rBV	47318	73388	2.12%	0.202%
20	14.504	1936	1941	1948	rBV	124944	163116	4.71%	0.449%
21	14.610	1950	1959	1965	rBV	1210745	1829497	52.82%	5.038%
22	14.675	1965	1970	1978	rVB	76640	133517	3.85%	0.368%
23	14.822	1990	1995	2003	rVB2	26453	70058	2.02%	0.193%
24	15.004	2022	2026	2032	rVB	79107	120976	3.49%	0.333%
25	15.081	2036	2039	2043	rVV	35670	52997	1.53%	0.146%
26	15.122	2043	2046	2055	rVB8	24699	46382	1.34%	0.128%
27	15.228	2060	2064	2068	rVV3	26572	42132	1.22%	0.116%
28	15.275	2069	2072	2076	rVB	26251	37101	1.07%	0.102%
29	15.451	2098	2102	2107	rVB	122662	153793	4.44%	0.424%
30	15.651	2131	2136	2141	rBV2	86347	137424	3.97%	0.378%
31	15.857	2168	2171	2176	rVB3	53568	73996	2.14%	0.204%
32	16.093	2204	2211	2218	rBV	1138841	1736868	50.15%	4.783%
33	16.316	2243	2249	2251	rBV2	147409	240575	6.95%	0.663%
34	17.104	2380	2383	2387	rVV	116965	138353	3.99%	0.381%
35	17.163	2389	2393	2403	rVB2	84111	181609	5.24%	0.500%
36	17.357	2420	2426	2429	rBV	1396680	2078568	60.01%	5.724%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005724.D
Acq On : 04 Jun 2021 22:16
Operator : CG/JU
Sample : M2589-14 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B11(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-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.392	2429	2432	2438	rVB	778698	1124086	32.45%	3.096%
38	17.487	2444	2448	2454	rVB	216681	296417	8.56%	0.816%
39	17.757	2491	2494	2499	rVB	77262	102100	2.95%	0.281%
40	17.845	2505	2509	2517	rBV2	125651	172489	4.98%	0.475%
41	18.216	2569	2572	2576	rBV	114942	150082	4.33%	0.413%
42	18.263	2577	2580	2584	rVB	162534	206222	5.95%	0.568%
43	18.404	2600	2604	2608	rBV2	151119	243947	7.04%	0.672%
44	18.510	2619	2622	2626	rBV	123670	160937	4.65%	0.443%
45	19.351	2761	2765	2771	rVB	1331979	1634761	47.20%	4.502%
46	19.675	2816	2820	2822	rBV2	447481	621638	17.95%	1.712%
47	19.704	2822	2825	2832	rVB	1156225	1455001	42.01%	4.007%
48	19.892	2853	2857	2862	rVB	2837525	3463564	100.00%	9.539%
49	20.186	2904	2907	2912	rVB2	669786	753500	21.76%	2.075%
50	20.669	2986	2989	2996	rVB	781503	839381	24.23%	2.312%
51	21.122	3063	3066	3069	rVB	1108329	1137877	32.85%	3.134%
52	21.422	3111	3117	3120	rBV2	1819866	3133960	90.48%	8.631%
53	21.557	3138	3140	3146	rVB2	855803	955794	27.60%	2.632%
54	22.022	3217	3219	3230	rVB	945486	1419004	40.97%	3.908%
55	22.533	3303	3306	3311	rVB	798774	1015702	29.33%	2.797%

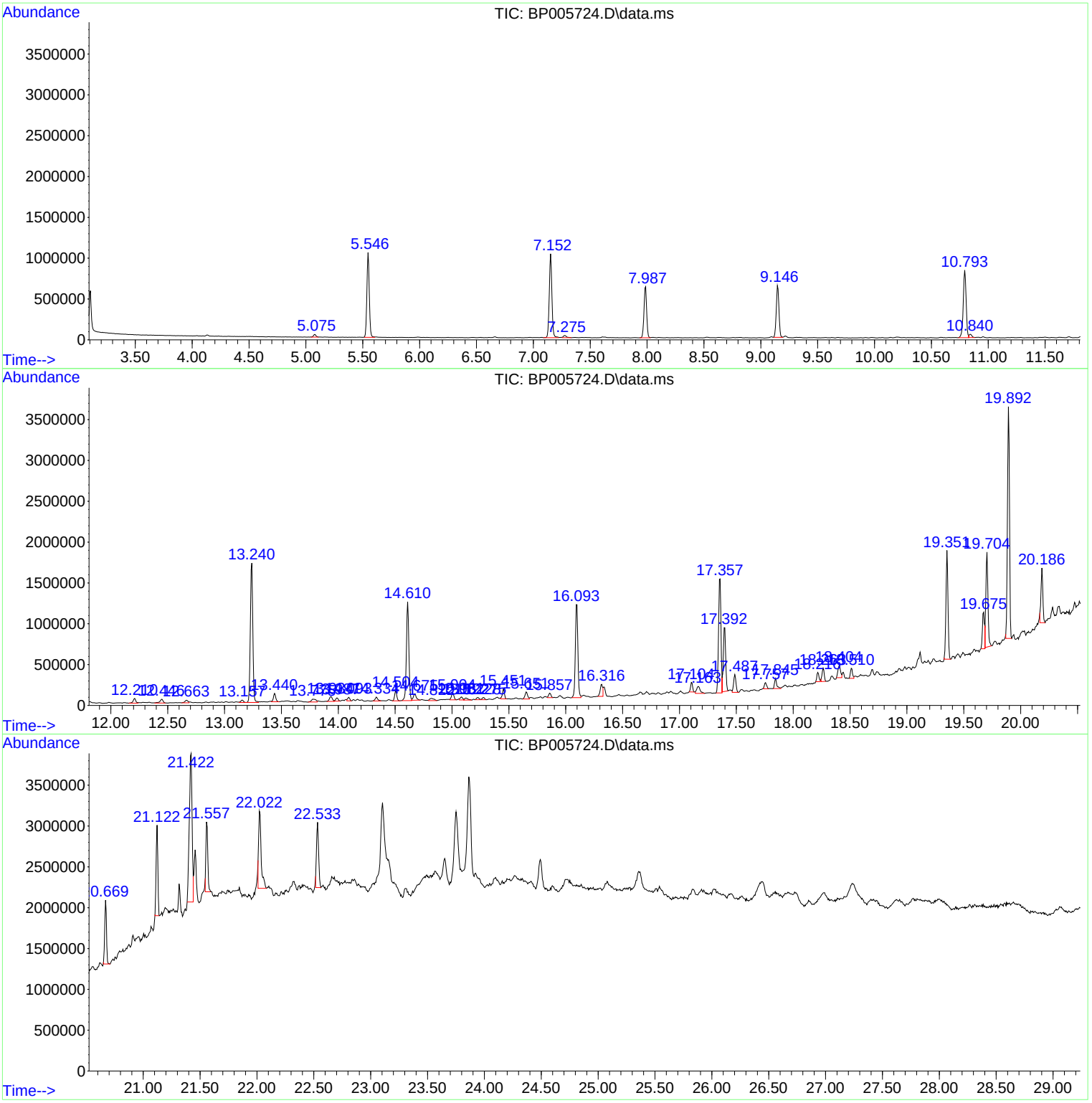
Sum of corrected areas: 36310900

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005724.D
Acq On : 04 Jun 2021 22:16
Operator : CG/JU
Sample : M2589-14 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B11(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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\BP060421\
Data File : BP005724.D
Acq On : 04 Jun 2021 22:16
Operator : CG/JU
Sample : M2589-14 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B11(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

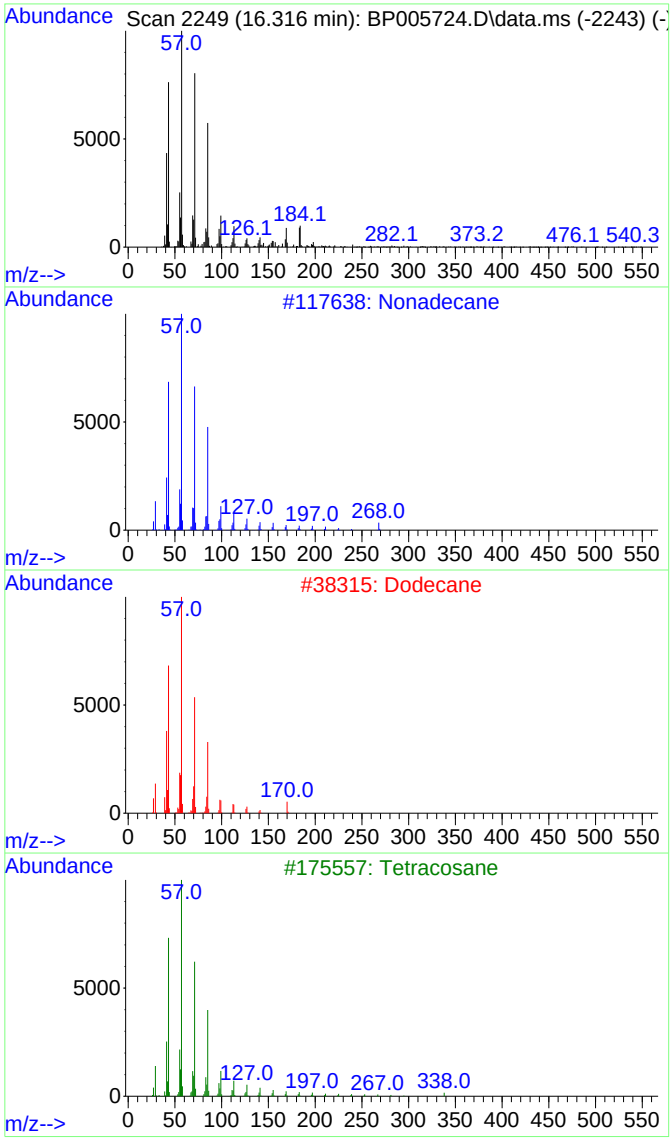
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

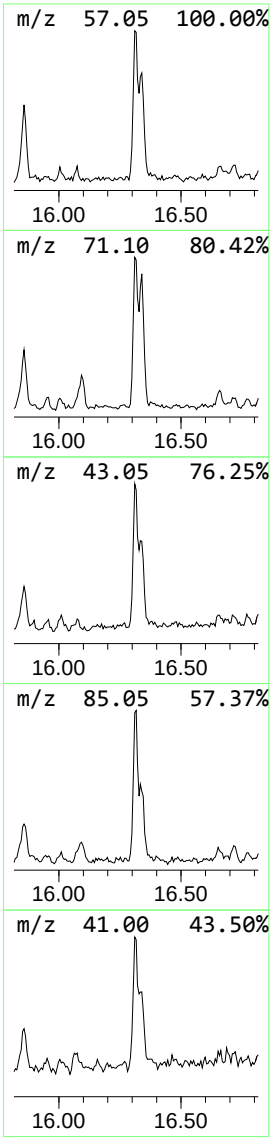
****

Peak Number 1 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.316	2.31 ng	240575	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	83
2	Dodecane	170	C12H26	000112-40-3	83
3	Tetracosane	338	C24H50	000646-31-1	80
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Heptacosane	380	C27H56	000593-49-7	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005724.D
Acq On : 04 Jun 2021 22:16
Operator : CG/JU
Sample : M2589-14 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B11(0-2)

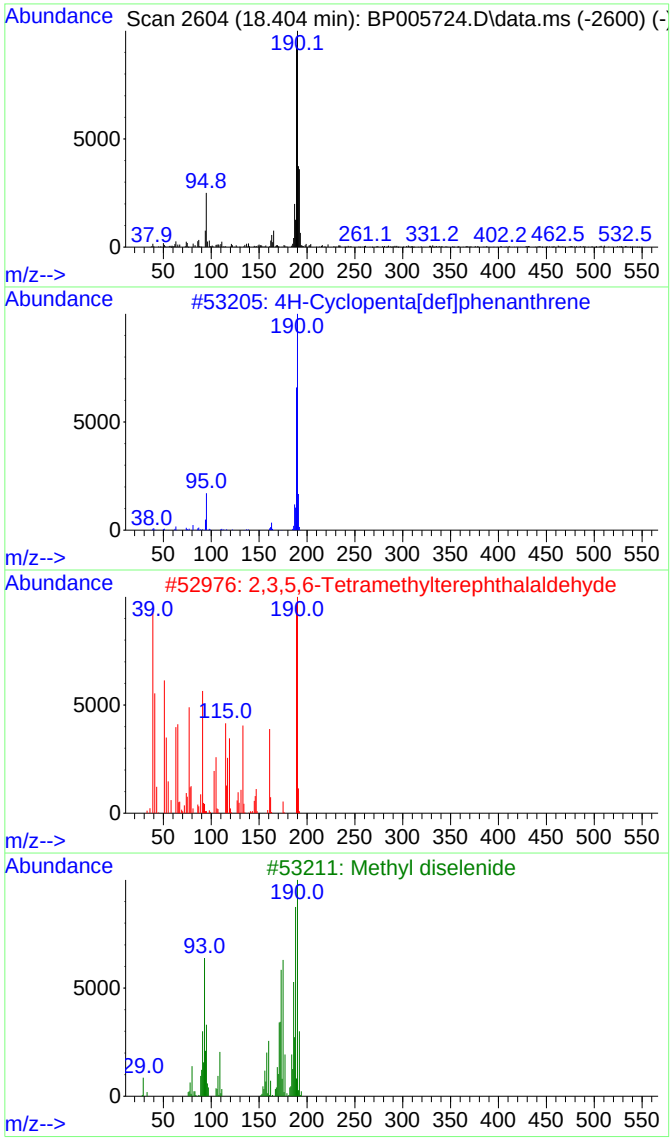
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

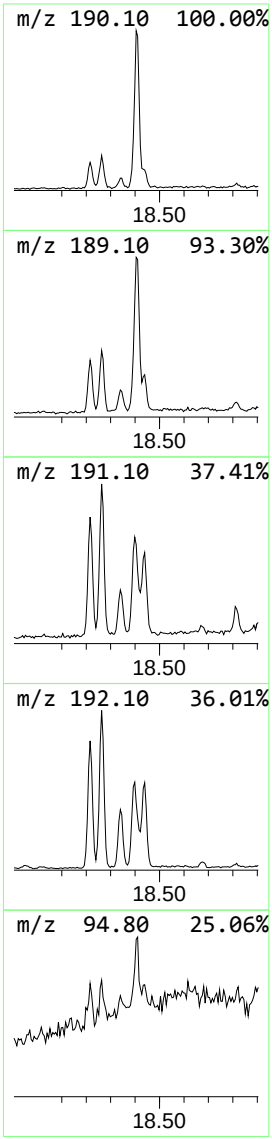
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.404	2.35 ng	243947	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	46
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	42
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005724.D
Acq On : 04 Jun 2021 22:16
Operator : CG/JU
Sample : M2589-14 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B11(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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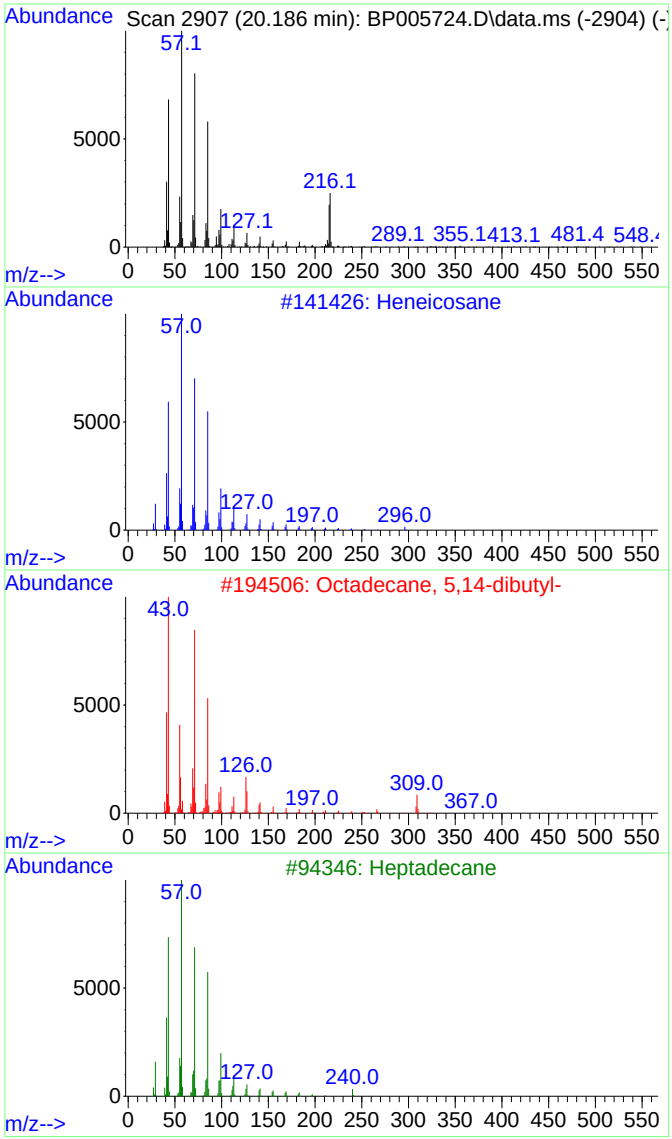
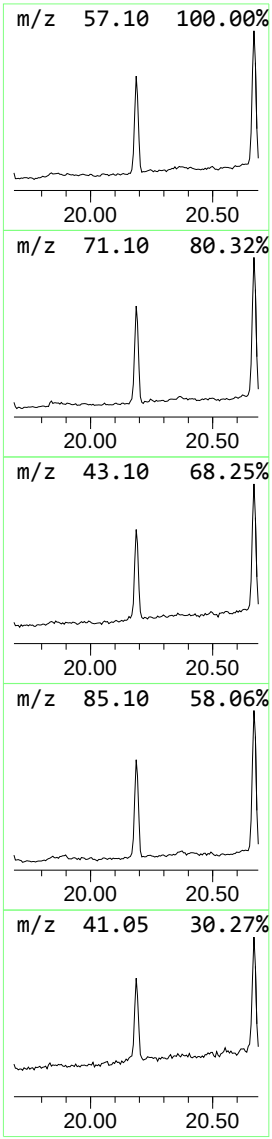
Peak Number 3 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.186	4.81 ng	753500	Chrysene-d12	21.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	76
2	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	70
3	Heptadecane	240	C17H36	000629-78-7	68
4	Nonadecane	268	C19H40	000629-92-5	68
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005724.D
Acq On : 04 Jun 2021 22:16
Operator : CG/JU
Sample : M2589-14 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B11(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

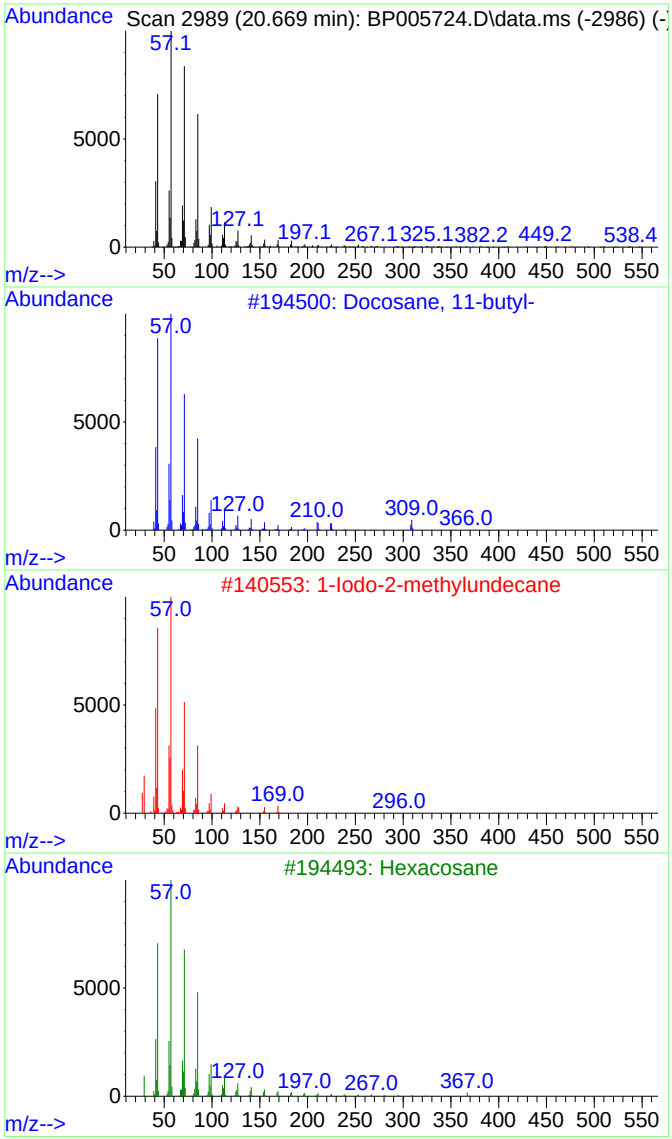
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

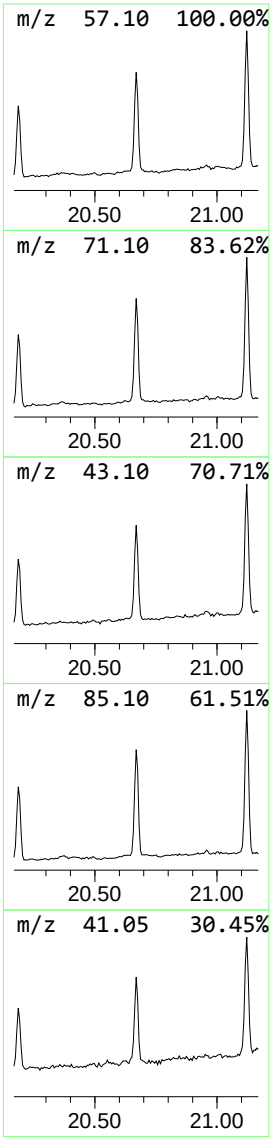
****

Peak Number 4 Docosane, 11-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.669	5.36 ng	839381	Chrysene-d12	21.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	94
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005724.D
Acq On : 04 Jun 2021 22:16
Operator : CG/JU
Sample : M2589-14 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B11(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

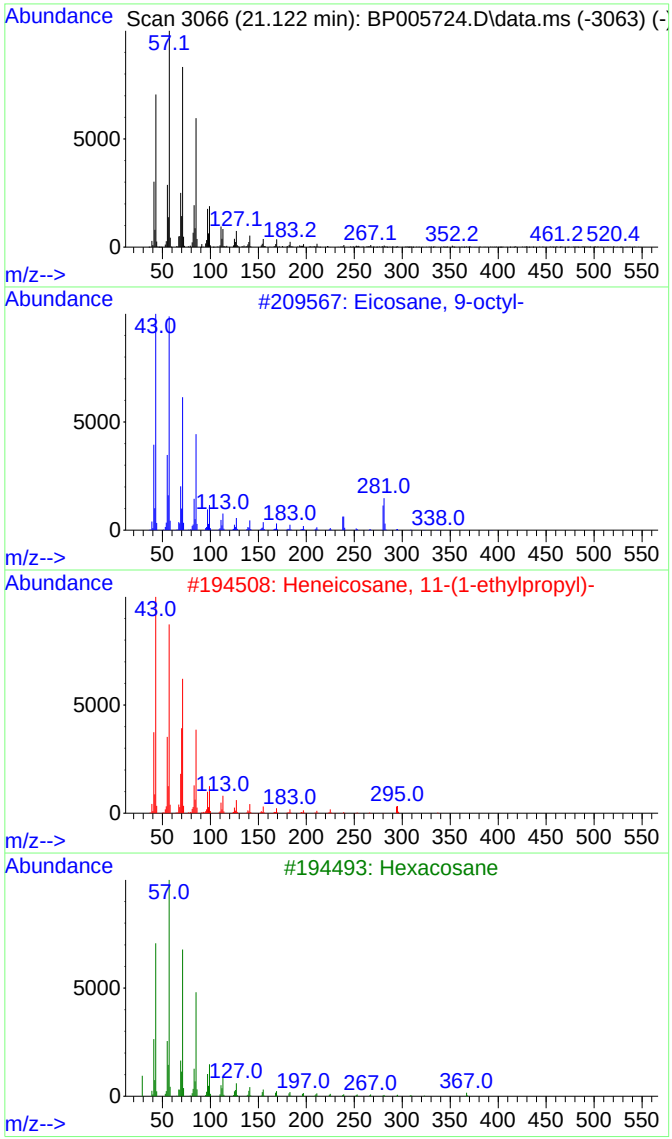
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

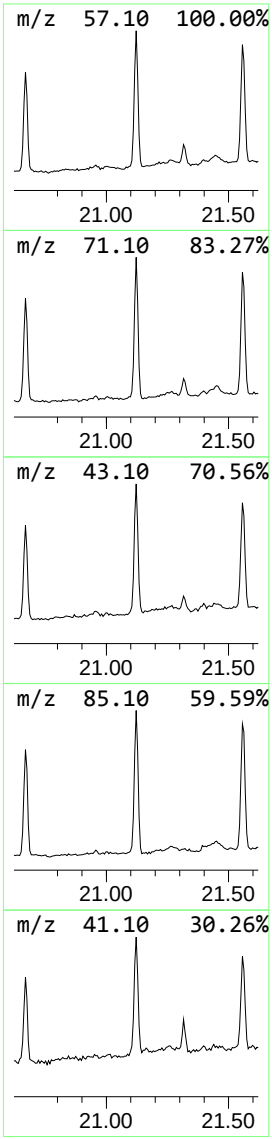
****

Peak Number 5 Eicosane, 9-octyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.122	7.26 ng	1137880	Chrysene-d12	21.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 9-octyl-	394	C28H58	013475-77-9	91
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	87
5	Heneicosane	296	C21H44	000629-94-7	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005724.D
Acq On : 04 Jun 2021 22:16
Operator : CG/JU
Sample : M2589-14 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B11(0-2)

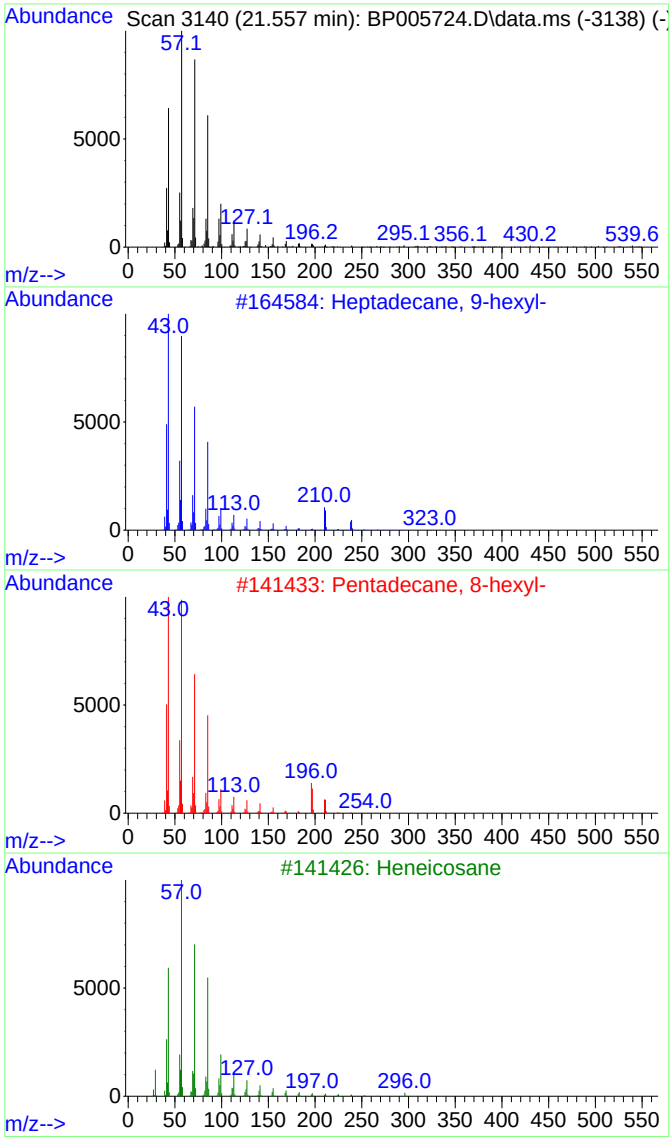
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

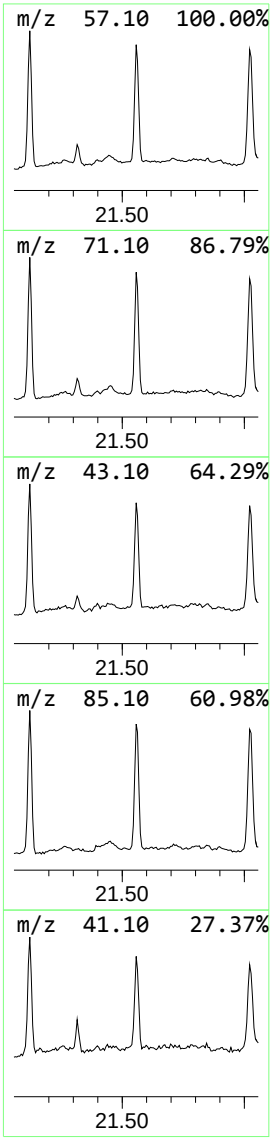
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Heptadecane, 9-hexyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.557	6.10 ng	955794	Chrysene-d12	21.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005724.D
Acq On : 04 Jun 2021 22:16
Operator : CG/JU
Sample : M2589-14 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B11(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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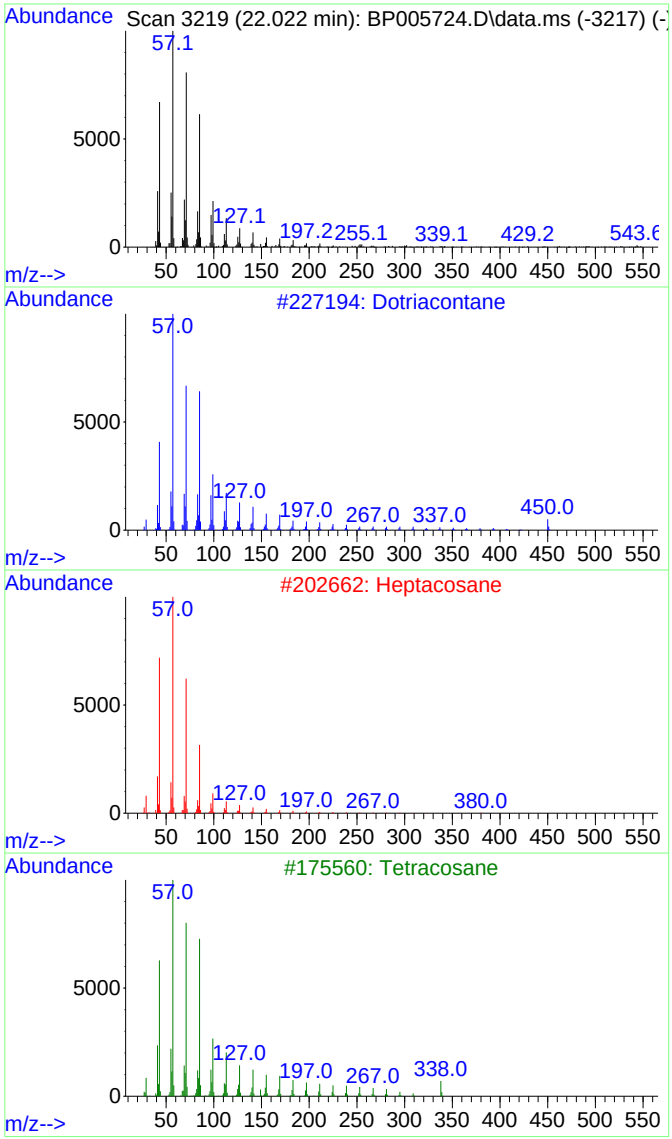
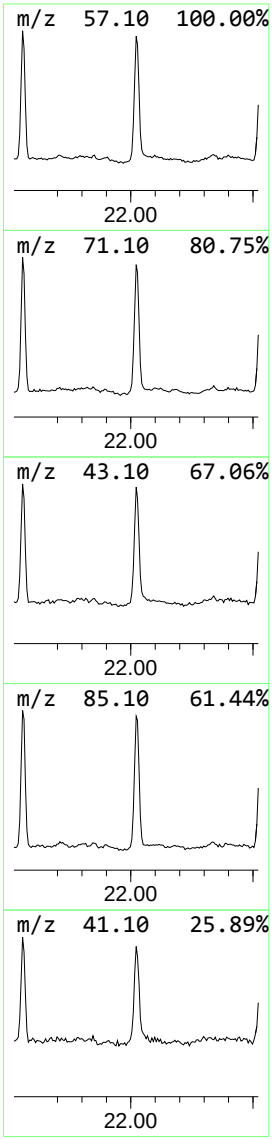
Peak Number 7 Dotriacontane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.022	9.06 ng	1419000	Chrysene-d12	21.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dotriacontane	451	C32H66	000544-85-4	95
2	Heptacosane	380	C27H56	000593-49-7	93
3	Tetracosane	338	C24H50	000646-31-1	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Hexacosane	366	C26H54	000630-01-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005724.D
Acq On : 04 Jun 2021 22:16
Operator : CG/JU
Sample : M2589-14 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B11(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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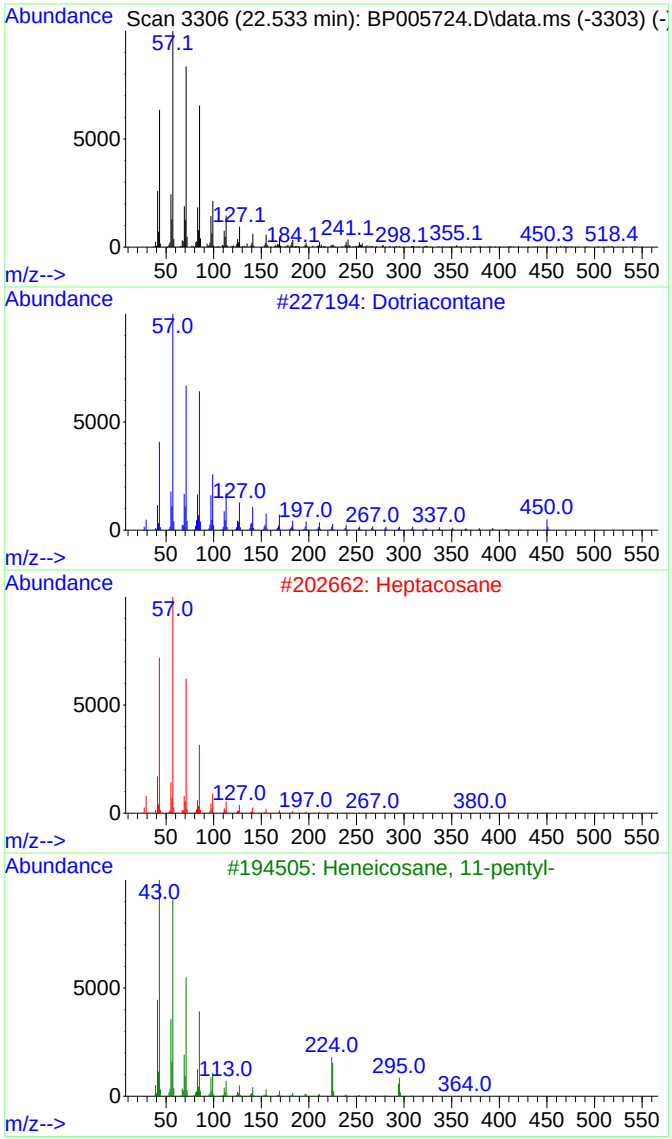
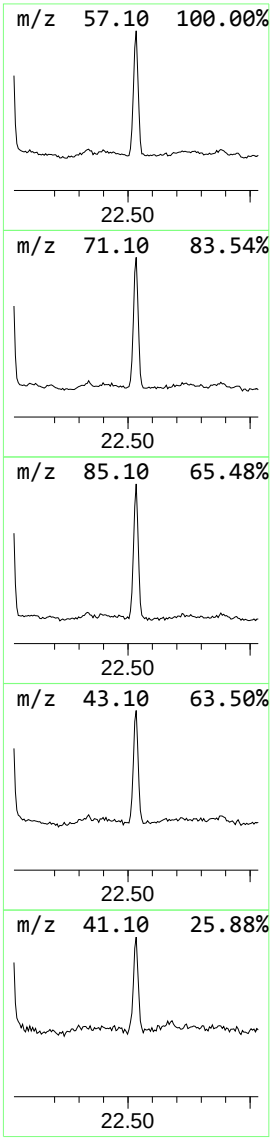
Peak Number 8 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.533	6.48 ng	1015700	Chrysene-d12	21.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dotriacontane	451	C32H66	000544-85-4	97
2	Heptacosane	380	C27H56	000593-49-7	96
3	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Hexadecane	226	C16H34	000544-76-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005724.D
Acq On : 04 Jun 2021 22:16
Operator : CG/JU
Sample : M2589-14 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B11(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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
Nonadecane	16.316	2.3	ng	240575	4	17.357	2078570	20.0
4H-Cyclopenta[d...	18.404	2.4	ng	243947	4	17.357	2078570	20.0
Heneicosane	20.186	4.8	ng	753500	5	21.422	3133960	20.0
Docosane, 11-bu...	20.669	5.4	ng	839381	5	21.422	3133960	20.0
Eicosane, 9-octyl-	21.122	7.3	ng	1137880	5	21.422	3133960	20.0
Heptadecane, 9-...	21.557	6.1	ng	955794	5	21.422	3133960	20.0
Dotriacontane	22.022	9.1	ng	1419000	5	21.422	3133960	20.0
Heptacosane	22.533	6.5	ng	1015700	5	21.422	3133960	20.0