LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
Data File : BF143904.D
Acq On : 08 Oct 2025 19:34
Operator : RC/JU
Sample : Q3304-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-100725

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_F\Methods\8270-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143904.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.940	290	297	306	rVB	8562	15562	1.29%	0.134%
2	5.487	555	560	573	rBV	254154	345726	28.57%	2.980%
3	6.492	726	731	745	rBV	260981	348411	28.80%	3.004%
4	6.881	792	797	804	rBV	590305	725566	59.97%	6.255%
5	7.439	882	892	896	rBV	142280	196128	16.21%	1.691%
6	7.904	963	971	974	rBV6	6173	13084	1.08%	0.113%
7	8.163	1008	1015	1022	rBV	739816	964551	79.72%	8.315%
8	8.216	1022	1024	1028	rVV3	12344	15915	1.32%	0.137%
9	8.457	1060	1065	1068	rBV6	10612	16777	1.39%	0.145%
10	8.581	1083	1086	1089	rBV	9704	13667	1.13%	0.118%
11	8.669	1097	1101	1104	rBV2	20273	25976	2.15%	0.224%
12	8.751	1111	1115	1119	rBV	29278	37650	3.11%	0.325%
13	8.828	1125	1128	1133	rVV6	7792	15624	1.29%	0.135%
14	8.875	1133	1136	1140	rVB	21628	25784	2.13%	0.222%
15	8.980	1149	1154	1159	rBV2	33016	54211	4.48%	0.467%
16	9.116	1173	1177	1181	rVB5	12019	20617	1.70%	0.178%
17	9.180	1185	1188	1193	rVV3	20997	28587	2.36%	0.246%
18	9.239	1193	1198	1203	rVV	310658	391581	32.36%	3.376%
19	9.322	1207	1212	1217	rBV	58798	88592	7.32%	0.764%
20	9.386	1221	1223	1229	rVB3	14182	17962	1.48%	0.155%
21	9.504	1238	1243	1248	rVB4	21845	38078	3.15%	0.328%
22	9.575	1248	1255	1258	rBV2	36010	73773	6.10%	0.636%
23	9.639	1262	1266	1269	rVV3	52036	85192	7.04%	0.734%
24	9.698	1273	1276	1280	rVB2	29661	39061	3.23%	0.337%
25	9.780	1286	1290	1295	rBV	36468	53601	4.43%	0.462%
26	9.851	1297	1302	1306	rVB	82213	106447	8.80%	0.918%
27	9.922	1306	1314	1318	rBV	766411	987138	81.59%	8.510%
28	10.027	1329	1332	1336	rVB4	14424	18712	1.55%	0.161%
29	10.086	1337	1342	1344	rBV4	20444	37086	3.07%	0.320%
30	10.169	1353	1356	1361	rBV5	21778	30212	2.50%	0.260%
31	10.239	1365	1368	1371	rBV4	15781	23229	1.92%	0.200%
32	10.351	1382	1387	1391	rBV	104051	129112	10.67%	1.113%
33	10.469	1403	1407	1419	rBV2	34277	66285	5.48%	0.571%
34	10.575	1420	1425	1430	rVV	66297	103658	8.57%	0.894%
35	10.627	1430	1434	1442	rVB3	38758	66109	5.46%	0.570%
36	10.710	1442	1448	1452	rBV	128598	187890	15.53%	1.620%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
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Acq On : 08 Oct 2025 19:34
Operator : RC/JU
Sample : Q3304-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-100725

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_F\Methods\8270-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.827	1463	1468	1477	rVB	137593	234297	19.36%	2.020%
38	11.016	1497	1500	1503	rBV2	19985	28985	2.40%	0.250%
39	11.169	1523	1526	1531	rVB2	26269	33095	2.74%	0.285%
40	11.274	1540	1544	1547	rBV	96518	131647	10.88%	1.135%
41	11.304	1547	1549	1555	rVB2	58581	75404	6.23%	0.650%
42	11.410	1562	1567	1576	rBV2	676669	1107061	91.50%	9.544%
43	11.486	1577	1580	1583	rVB	33786	41330	3.42%	0.356%
44	11.651	1604	1608	1612	rVB4	14758	25763	2.13%	0.222%
45	11.704	1613	1617	1621	rVB	72042	87565	7.24%	0.755%
46	11.869	1642	1645	1649	rBV5	9513	15364	1.27%	0.132%
47	11.916	1649	1653	1654	rVV	36793	43726	3.61%	0.377%
48	11.939	1654	1657	1662	rVB	51797	72175	5.97%	0.622%
49	12.027	1668	1672	1679	rVB	60178	117247	9.69%	1.011%
50	12.110	1682	1686	1690	rBV	61149	73976	6.11%	0.638%
51	12.210	1700	1703	1705	rBV	14802	18627	1.54%	0.161%
52	12.392	1731	1734	1737	rBV2	14615	19532	1.61%	0.168%
53	12.463	1742	1746	1749	rBV	40880	53674	4.44%	0.463%
54	12.498	1749	1752	1758	rVV2	61183	87592	7.24%	0.755%
55	12.551	1758	1761	1768	rVB4	21508	31008	2.56%	0.267%
56	12.627	1769	1774	1779	rBV	250756	322184	26.63%	2.778%
57	12.857	1807	1813	1819	rBV	268264	413239	34.15%	3.562%
58	12.998	1832	1837	1845	rVB	287284	400088	33.07%	3.449%
59	13.074	1846	1850	1857	rBV5	32376	67701	5.60%	0.584%
60	13.180	1862	1868	1872	rVB2	47569	95898	7.93%	0.827%
61	13.233	1873	1877	1878	rBV	29815	38262	3.16%	0.330%
62	13.286	1883	1886	1891	rVB2	41117	54815	4.53%	0.473%
63	13.380	1900	1902	1905	rBV2	19426	16735	1.38%	0.144%
64	13.415	1905	1908	1911	rVB2	24021	26654	2.20%	0.230%
65	14.057	2011	2017	2028	rBV2	705119	1209916	100.00%	10.431%
66	15.104	2191	2195	2204	rBV	124846	267162	22.08%	2.303%
67	15.409	2244	2247	2253	rVB	63647	94908	7.84%	0.818%
68	15.474	2254	2258	2263	rVV	92528	146962	12.15%	1.267%
69	15.539	2264	2269	2281	rVB	391460	739586	61.13%	6.376%

Sum of corrected areas: 11599732

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
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Acq On : 08 Oct 2025 19:34
Operator : RC/JU
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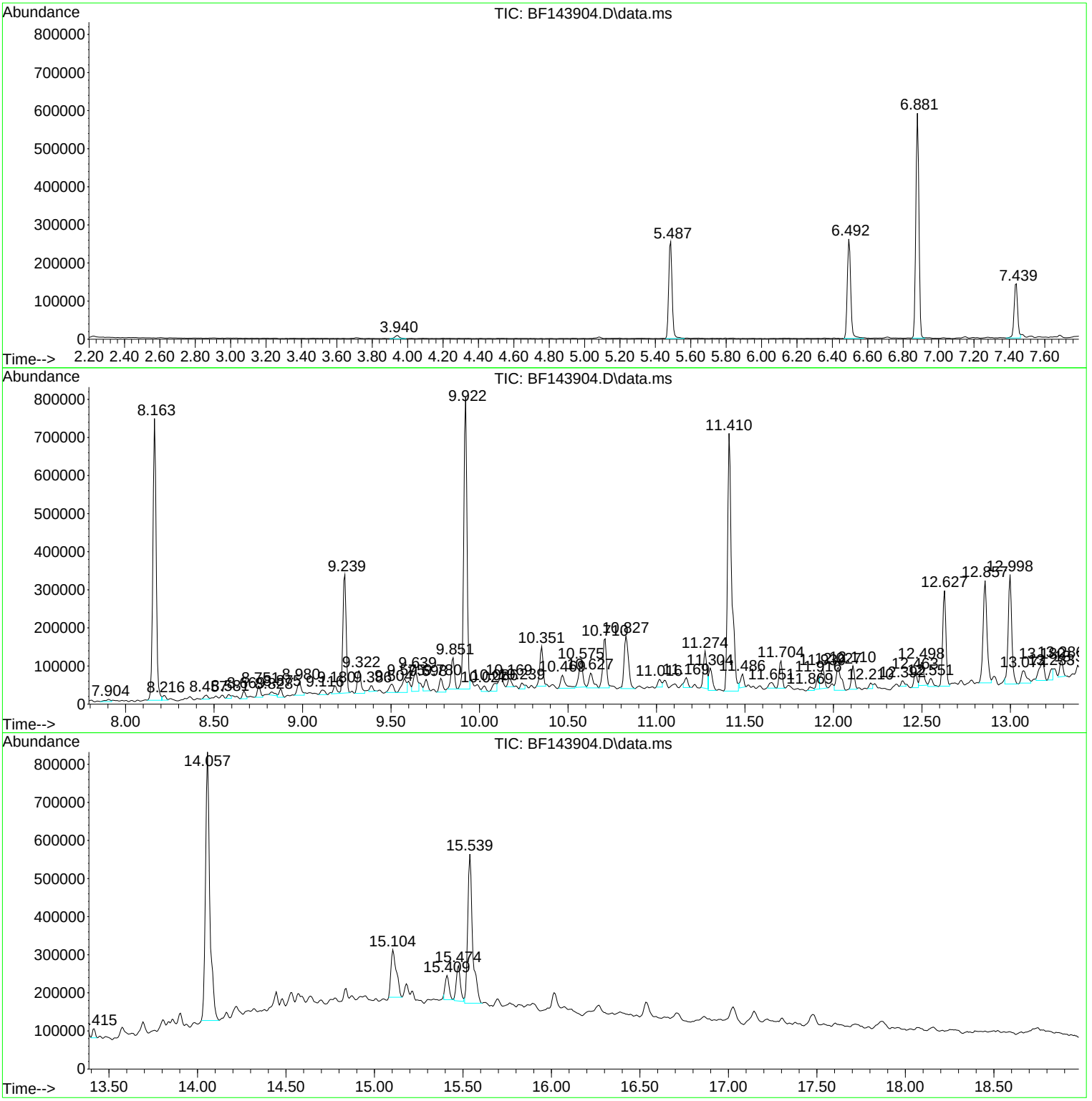
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-100725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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_F\Data\BF100825\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

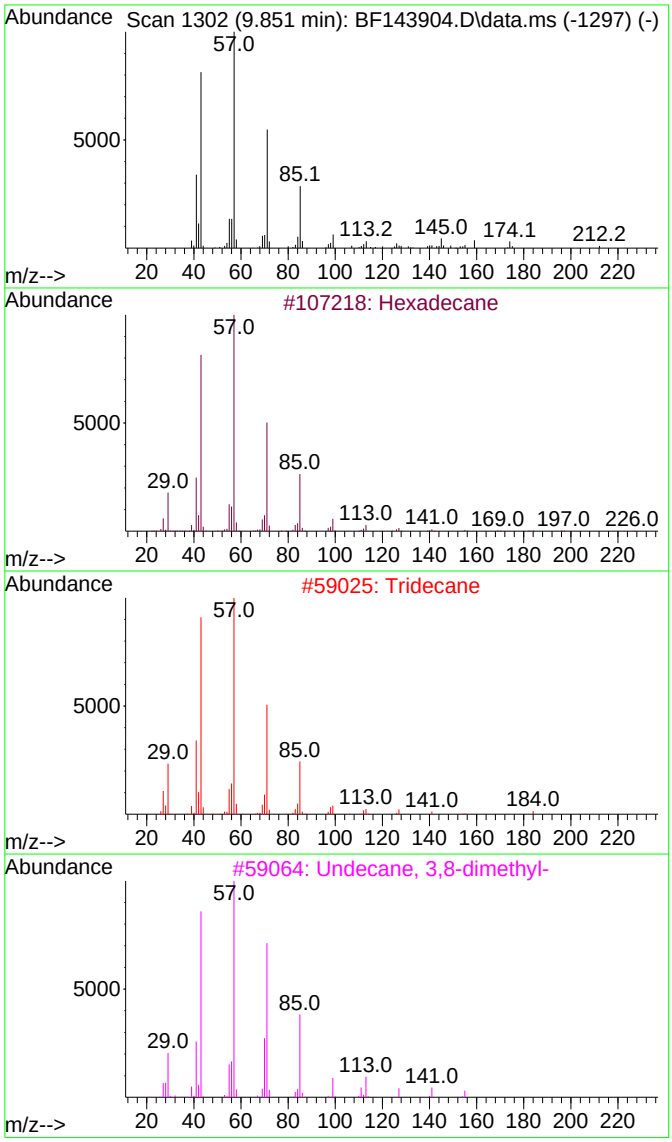
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

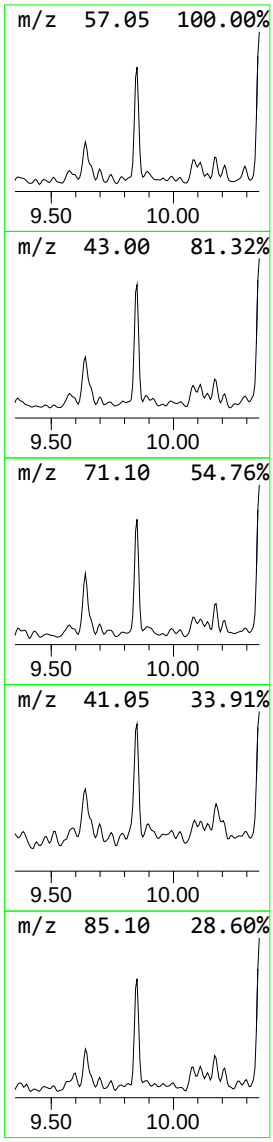
****

Peak Number 1 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.851	2.16 ng	106447	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Tridecane	184	C13H28	000629-50-5	78
3	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	78
4	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	72
5	Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	64





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Data File : BF143904.D
Acq On : 08 Oct 2025 19:34
Operator : RC/JU
Sample : Q3304-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-100725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

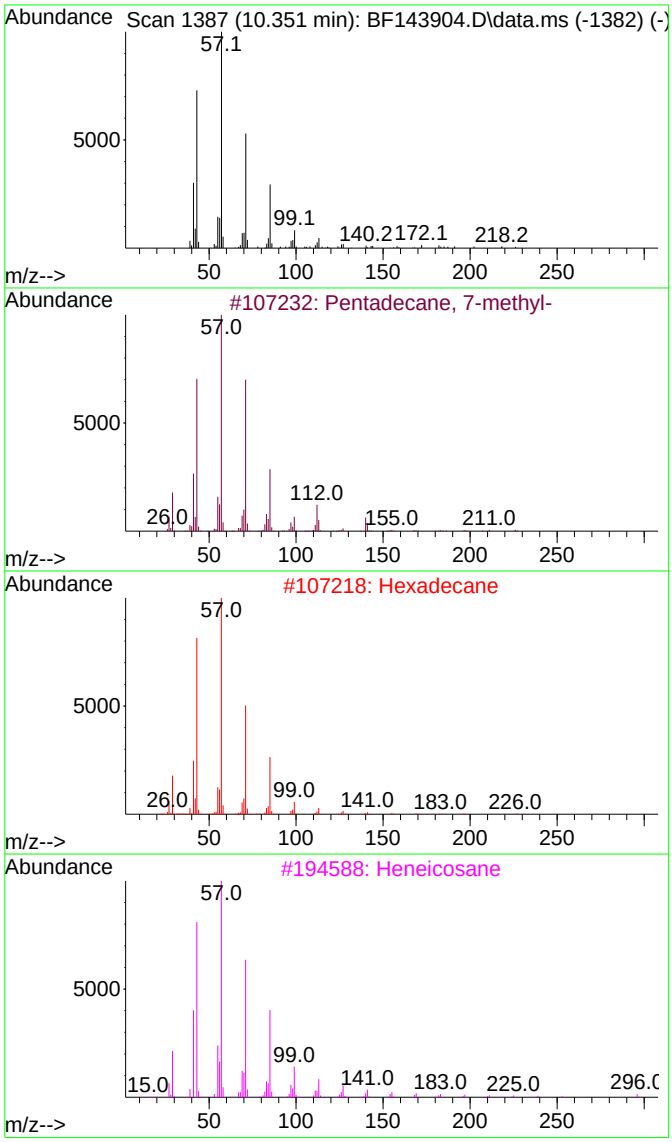
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

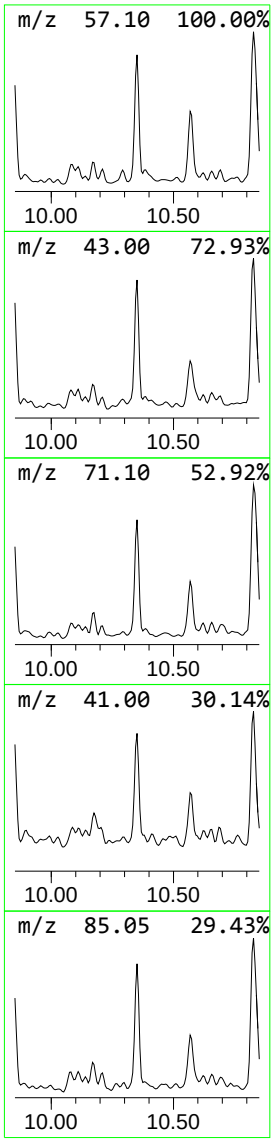
****

Peak Number 2 Pentadecane, 7-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.351	2.62 ng	129112	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heneicosane	296	C21H44	000629-94-7	86
4	Pentadecane	212	C15H32	000629-62-9	83
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
Data File : BF143904.D
Acq On : 08 Oct 2025 19:34
Operator : RC/JU
Sample : Q3304-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-100725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

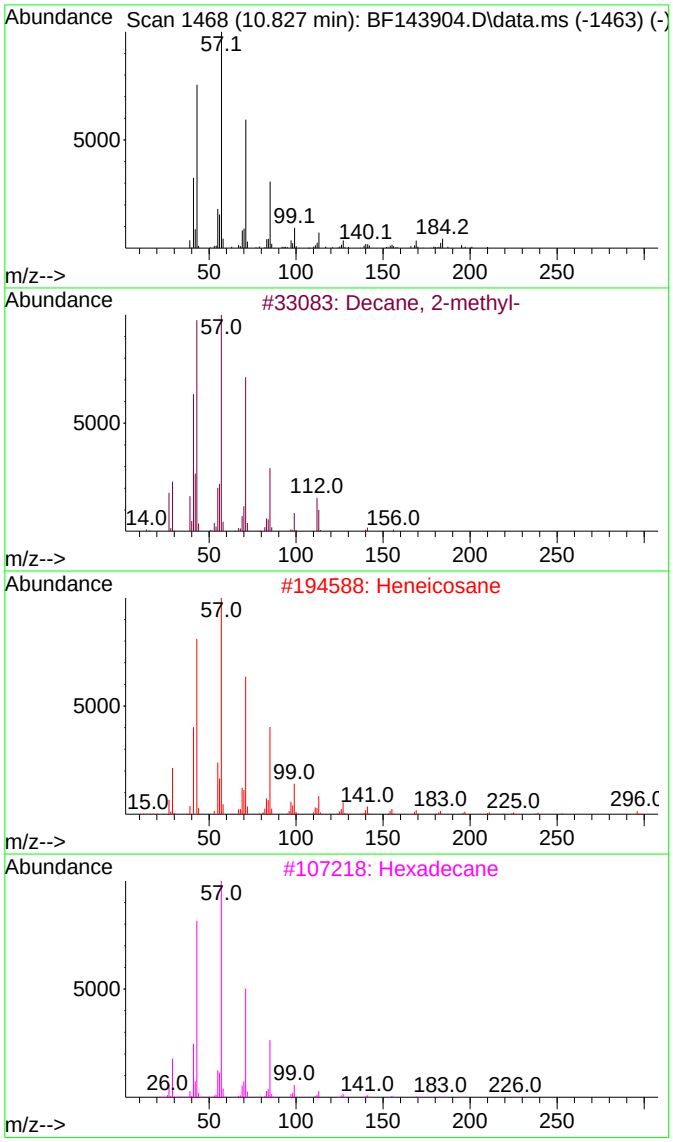
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

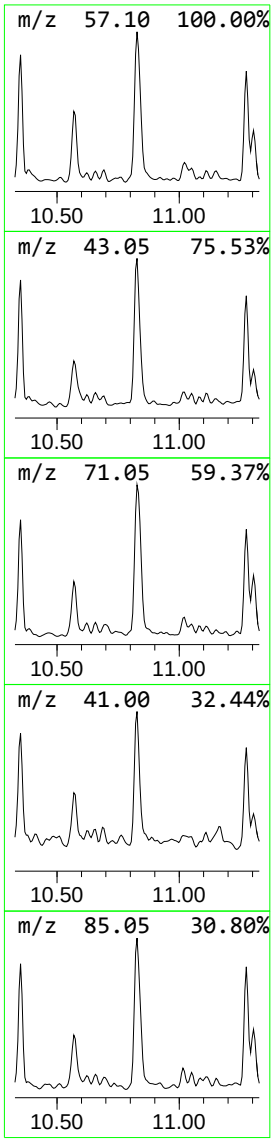
****

Peak Number 4 Decane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.827	4.23 ng	234297	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	90
2	Heneicosane	296	C21H44	000629-94-7	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Eicosane	282	C20H42	000112-95-8	86
5	Tridecane	184	C13H28	000629-50-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
Data File : BF143904.D
Acq On : 08 Oct 2025 19:34
Operator : RC/JU
Sample : Q3304-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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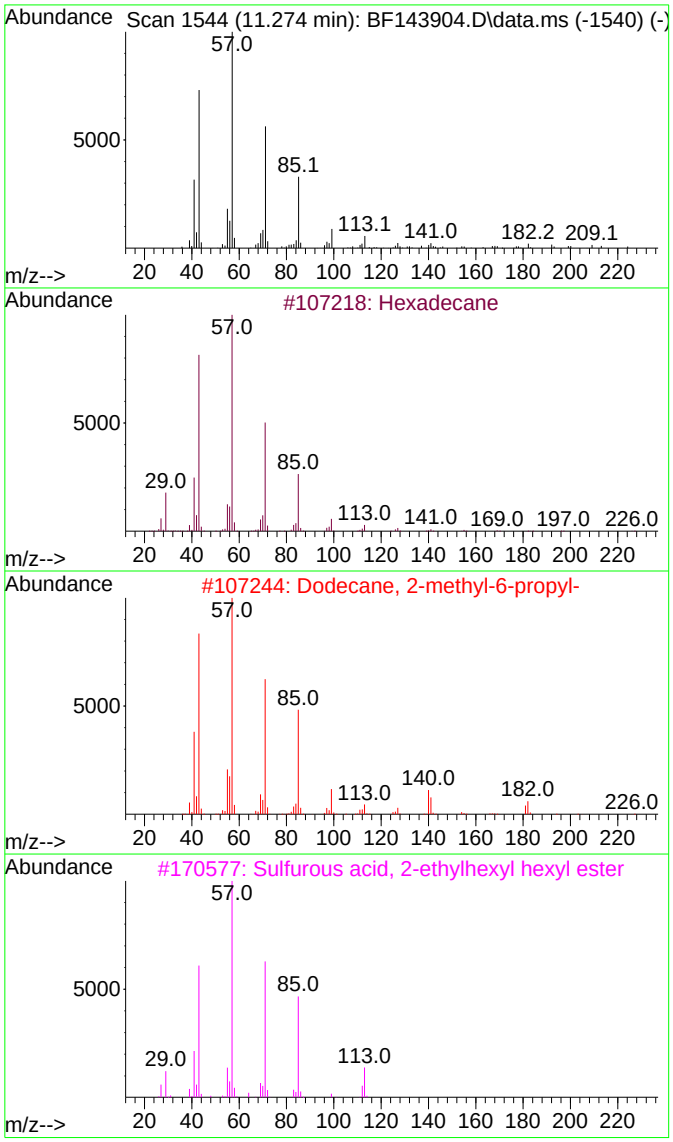
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

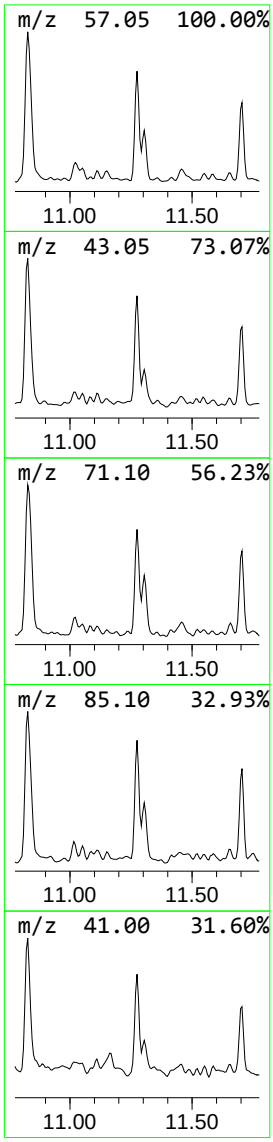
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Dodecane, 2-methyl-6-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.275	2.38 ng	131647	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78





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Operator : RC/JU
Sample : Q3304-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-100725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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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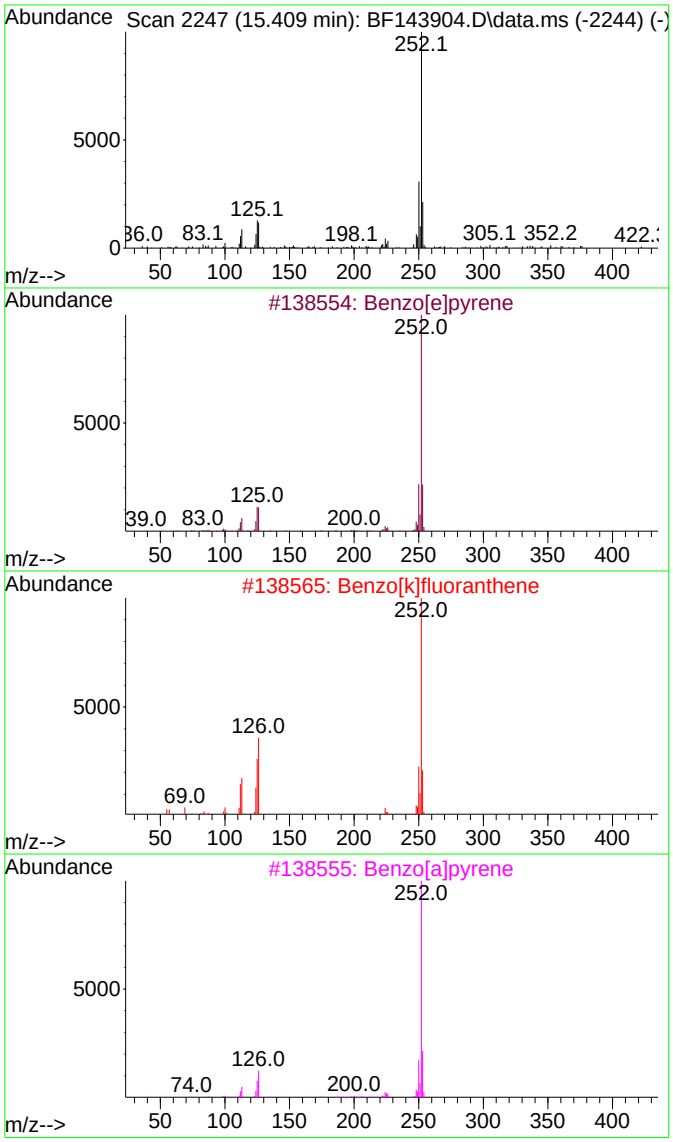
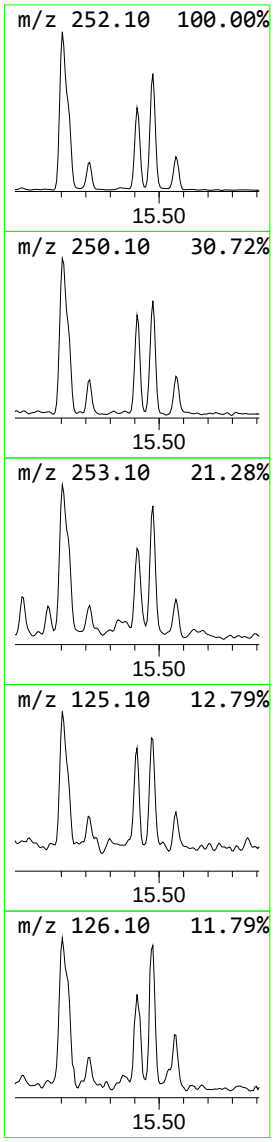
Peak Number 7 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	2.57 ng	94908	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
Data File : BF143904.D
Acq On : 08 Oct 2025 19:34
Operator : RC/JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-100725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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
Hexadecane	9.851	2.2	ng	106447	3	9.922	987138	20.0
Pentadecane, 7-...	10.351	2.6	ng	129112	3	9.922	987138	20.0
Decane, 2-methyl-	10.827	4.2	ng	234297	4	11.410	1107060	20.0
Dodecane, 2-met...	11.275	2.4	ng	131647	4	11.410	1107060	20.0
Benzo[e]pyrene	15.410	2.6	ng	94908	6	15.539	739586	20.0