LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121429.D
Acq On : 25 Aug 2020 15:59
Operator : JU/CG
Sample : L3785-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-18

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-BF081920.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	4.887	473	476	486	rBV	33485	48116	1.54%	0.159%
2	5.310	544	548	564	rBV	1957370	2266598	72.50%	7.505%
3	6.345	719	724	747	rBV	2096635	2315499	74.06%	7.666%
4	6.534	753	756	770	rBV	43305	68409	2.19%	0.226%
5	6.692	780	783	793	rBV	1040474	827472	26.47%	2.740%
6	7.263	875	880	892	rBV	1658973	1611662	51.55%	5.336%
7	7.975	997	1001	1007	rBV	1167452	1125237	35.99%	3.726%
8	9.051	1180	1184	1187	rBV	2952282	2750501	87.97%	9.107%
9	9.169	1199	1204	1209	rVB2	52650	58503	1.87%	0.194%
10	9.445	1248	1251	1259	rBV	382914	350975	11.23%	1.162%
11	9.728	1295	1299	1303	rBV	1555805	1347523	43.10%	4.462%
12	10.522	1429	1434	1444	rBV	1696441	1840637	58.87%	6.094%
13	10.645	1449	1455	1461	rVB4	30362	50331	1.61%	0.167%
14	11.110	1531	1534	1541	rVB	33113	34588	1.11%	0.115%
15	11.210	1547	1551	1554	rBV	1595897	1513630	48.41%	5.012%
16	11.233	1554	1555	1559	rVV	380081	240594	7.70%	0.797%
17	11.286	1562	1564	1567	rVB	71714	56089	1.79%	0.186%
18	11.445	1586	1591	1599	rBV3	36510	67138	2.15%	0.222%
19	11.545	1604	1608	1612	rVV2	29852	38463	1.23%	0.127%
20	11.622	1615	1621	1626	rVB3	21729	34695	1.11%	0.115%
21	11.710	1633	1636	1639	rBV	103123	95691	3.06%	0.317%
22	11.739	1639	1641	1645	rVB	143138	140136	4.48%	0.464%
23	11.822	1652	1655	1657	rBV	140706	132665	4.24%	0.439%
24	11.845	1657	1659	1664	rVB	79992	70360	2.25%	0.233%
25	12.010	1683	1687	1689	rBV2	52421	48794	1.56%	0.162%
26	12.039	1689	1692	1696	rVB	85592	75249	2.41%	0.249%
27	12.186	1715	1717	1720	rBV	51412	38236	1.22%	0.127%
28	12.263	1724	1730	1733	rBV	124309	131132	4.19%	0.434%
29	12.298	1733	1736	1738	rVV2	60309	61569	1.97%	0.204%
30	12.351	1742	1745	1748	rBV	98770	107243	3.43%	0.355%
31	12.422	1753	1757	1761	rBV	751404	636302	20.35%	2.107%
32	12.569	1778	1782	1786	rBV4	40650	57782	1.85%	0.191%
33	12.651	1790	1796	1799	rBV	743285	722077	23.10%	2.391%
34	12.710	1802	1806	1809	rVB2	57557	75425	2.41%	0.250%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.798	1812	1821	1824	rBV	3005878	3126458	100.00%	10.351%
36	12.869	1829	1833	1838	rBV3	76873	123425	3.95%	0.409%
37	12.957	1845	1848	1850	rBV3	75521	97997	3.13%	0.324%
38	12.980	1850	1852	1855	rVB	107298	89765	2.87%	0.297%
39	13.027	1855	1860	1861	rBV3	41590	45746	1.46%	0.151%
40	13.045	1861	1863	1866	rVV	60970	55554	1.78%	0.184%
41	13.086	1866	1870	1877	rVB2	114073	151230	4.84%	0.501%
42	13.174	1882	1885	1888	rBV	93247	78586	2.51%	0.260%
43	13.204	1888	1890	1894	rBV2	68704	66546	2.13%	0.220%
44	13.374	1913	1919	1922	rBV7	34527	65876	2.11%	0.218%
45	13.492	1936	1939	1943	rVB	92928	92391	2.96%	0.306%
46	13.598	1952	1957	1959	rBV	117091	137740	4.41%	0.456%
47	13.621	1959	1961	1963	rVV	57459	50843	1.63%	0.168%
48	13.651	1963	1966	1967	rVV	60360	50509	1.62%	0.167%
49	13.704	1971	1975	1984	rVB4	327865	586482	18.76%	1.942%
50	13.851	1992	2000	2003	rBV2	1696054	2038835	65.21%	6.750%
51	13.874	2003	2004	2012	rVB	363596	266994	8.54%	0.884%
52	13.980	2019	2022	2024	rBV2	40979	34359	1.10%	0.114%
53	14.016	2025	2028	2031	rVB4	52215	53102	1.70%	0.176%
54	14.110	2041	2044	2047	rVB3	29208	33562	1.07%	0.111%
55	14.198	2057	2059	2061	rBV	41852	37303	1.19%	0.124%
56	14.239	2061	2066	2068	rVV	101039	118031	3.78%	0.391%
57	14.268	2068	2071	2075	rVV2	64582	67819	2.17%	0.225%
58	14.321	2075	2080	2083	rBV3	75779	99780	3.19%	0.330%
59	14.363	2084	2087	2089	rBV	51036	51545	1.65%	0.171%
60	14.545	2113	2118	2120	rBV2	42250	61691	1.97%	0.204%
61	14.615	2127	2130	2134	rBV	95336	92749	2.97%	0.307%
62	14.863	2168	2172	2180	rBV	321792	564111	18.04%	1.868%
63	14.933	2180	2184	2187	rVB2	110353	121471	3.89%	0.402%
64	14.968	2187	2190	2193	rBV	47054	56797	1.82%	0.188%
65	15.145	2216	2220	2226	rVB	169922	209710	6.71%	0.694%
66	15.204	2226	2230	2235	rVB	187316	215807	6.90%	0.715%
67	15.268	2235	2241	2248	rBV	1248846	1587741	50.78%	5.257%
68	15.680	2306	2311	2315	rBV2	102290	148804	4.76%	0.493%
69	15.757	2320	2324	2326	rBV4	42104	67603	2.16%	0.224%
70	16.145	2385	2390	2394	rBV2	42647	61468	1.97%	0.204%
71	16.409	2432	2435	2439	rVB5	23656	32052	1.03%	0.106%

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72	16.627	2466	2472	2478	rBV2	77998	163874	5.24%	0.543%
73	16.804	2496	2502	2504	rBV5	29818	61211	1.96%	0.203%
74	17.033	2536	2541	2548	rBV	52634	98206	3.14%	0.325%

Sum of corrected areas: 30203094

LSC Report - Integrated Chromatogram

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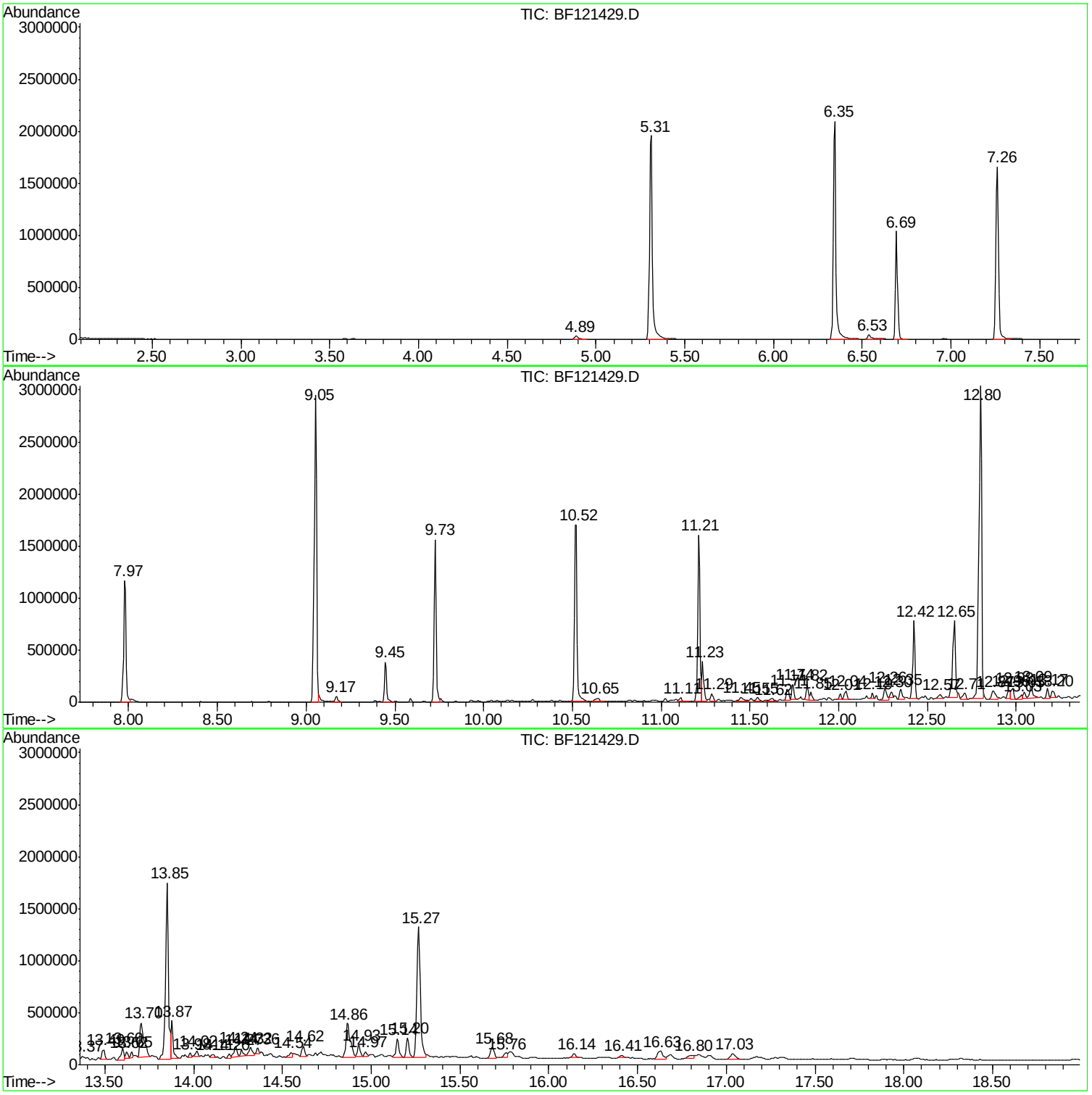
Instrument : BNA_F
ClientSampleId : CHRT-18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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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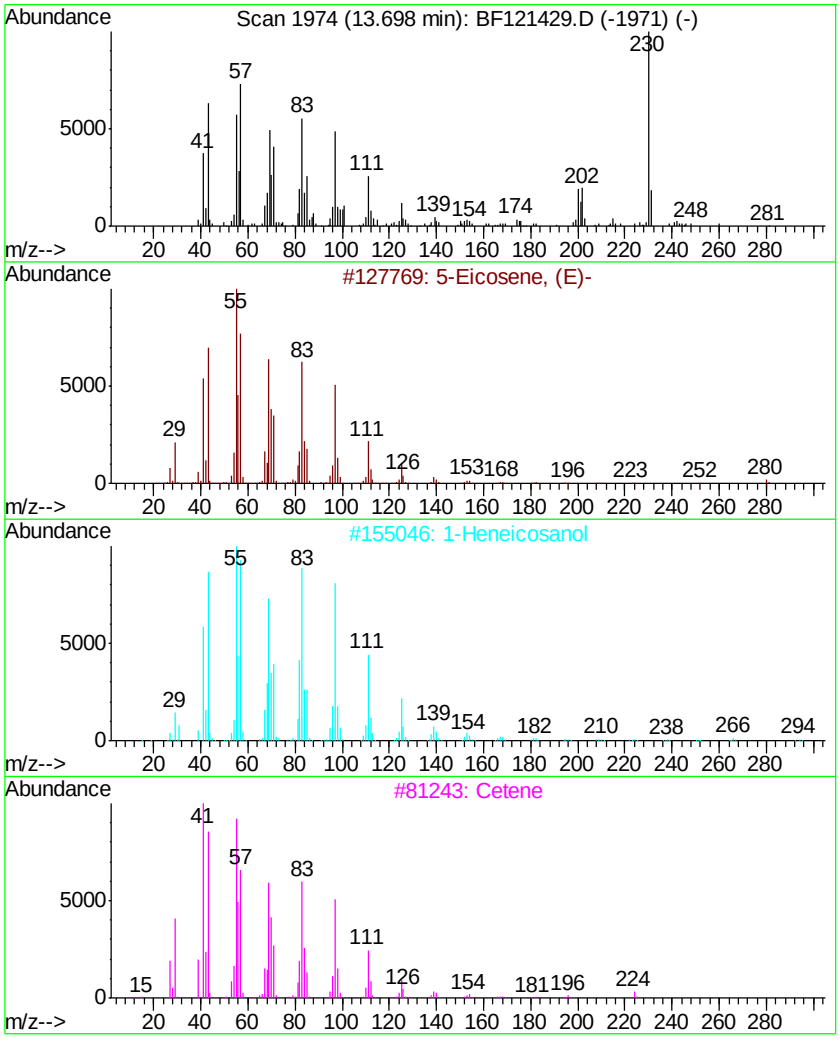
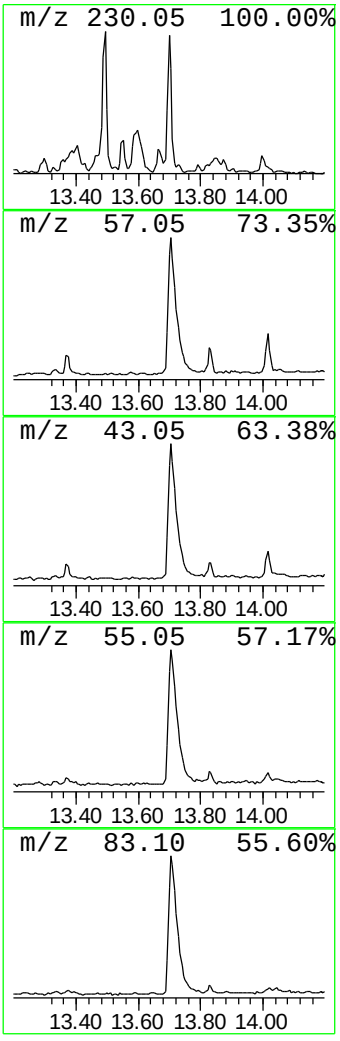
****

Peak Number 1 5-Eicosene, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	5.75 ng	586482	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Cetene	224	C16H32	000629-73-2	92
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90





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TIC Integration Parameters: LSCINT.P

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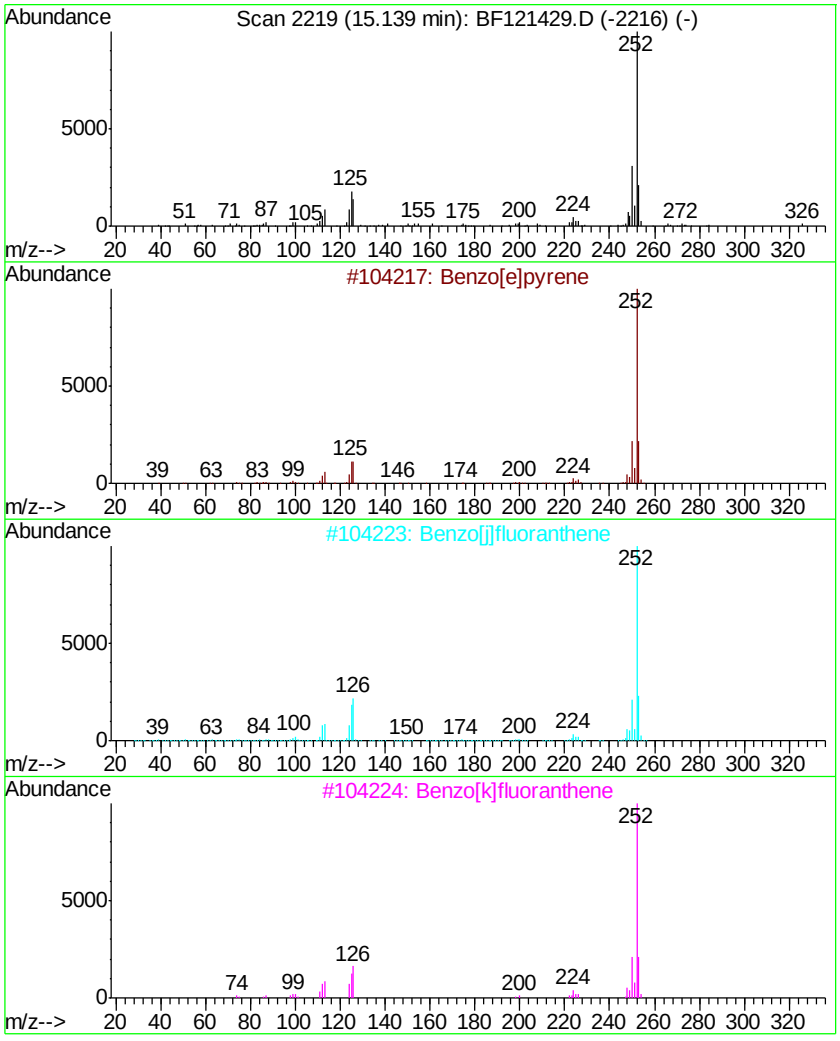
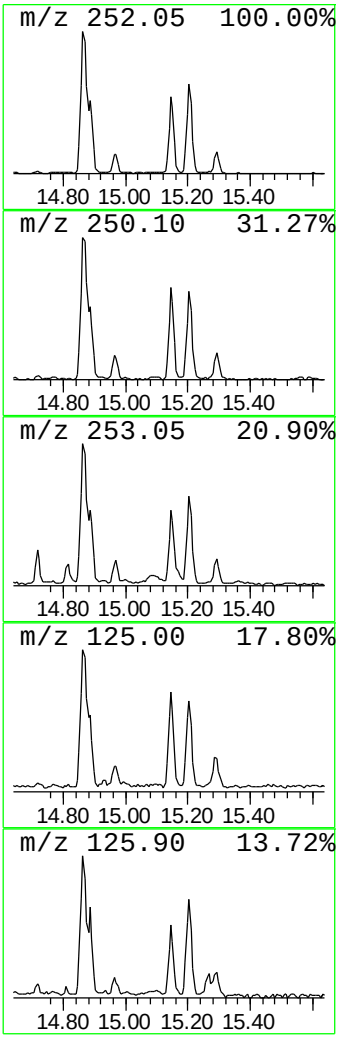
Peak Number 2 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	2.64 ng	209710	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
5	Perylene	252	C20H12	000198-55-0	95





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
5-Eicosene, (E)-	13.70	5.8	ng	586482	5	13.85	2038840	20.0
Benzo[e]pyrene	15.14	2.6	ng	209710	6	15.27	1587740	20.0